Number	System	Author	Description	Responsible	Supplier	Status
1	DCS	John Smith	test desc	Bruno Marie	Jacobs Engir	ne t ring Group, Inc.
2	EMS	John Smith	test desc2	John Smith	Jacobs Engir	ne é ring Group, Inc.
3	HVAC 1	John Anderson	test desc3	John Smith	Jacobs Engir	ne e ring Group, Inc.
4	HVAC 1	John Smith	aaa	John Smith	Jacobs Engir	ne é ring Group, Inc.
5	HVAC 1	Panci	abc	Panci	Jacobs Engir	ne é ring Group, Inc.
6	DCS	John Smith	aaa	John Smith	Jacobs Italia	S.p.A.
7	HVAC 1	Panci	aaa	Panci	Jacobs Engir	ne 9 ring Group, Inc.
8	HVAC 1	Panci	a	Panci	Jacobs Engir	ne 9 ring Group, Inc.
9	HVAC 1	Panci	a	Panci	Novartis Pha	rm0aSAS
10	HVAC 1	Panci	Lorem Ipsum is simply dummy text of the printing and typesetting industry. Comment	John Smith	Jacobs Engir	ne e ring Group, Inc.
			added on nov 10 2019. 2nd comment added.			
			3rd comment added. 4th			
19	HVAC 1	John Smith	import	John Smith	Jacobs Engir	ne θ ring Group, Inc.
20	HVAC 1	John Smith	aaa	John Smith	Jacobs Engir	ne θ ring Group, Inc.
21	HVAC 1	John Smith	test1	John Smith	Jacobs Engir	ne θ ring Group, Inc.
22	ELE	Fabiana Cortellini	desc test	Fabiana Cortellini	Jacobs Italia	S.p.A.
23	ELE	Fabiana Cortellini	desc test	Fabiana Cortellini	Jacobs Italia	S.p.A.
24	ELE	Fabiana Cortellini	desc test	Fabiana Cortellini	Jacobs Italia	S.Dp.A.
25	HVAC 1	Sean Monaghan	Diptube and sprayballs missing	Sean Monaghan	Jacobs Engir	ne 9 ring Group, Inc.
26	R201 - Buffer Preparation T	ar Rab2000 C ortellini	Nameplate missing	Fabiana Cortellini	Bilfinger	0
27	R201 - Buffer Preparation T	ar Rab2000 Cortellini	Agitator and load cells not installed, no check done	Fabiana Cortellini	Bilfinger	0
28	R201 - Buffer Preparation T	ankD12000001LPatterson	Some ingold plugs are damaged	□Duncan Patterson	Bilfinger	0
29	R201 - Buffer Preparation T	ankDi20000hLPatterson	Earthing lugs not found	□Duncan Patterson	Bilfinger	0
30	R201 - Buffer Preparation T	ankDi20000h.Patterson	N14 (Manway): damage/scratch on manway gasket, without impact on the pressure	□Duncan Patterson	Bilfinger	0
			tests performed			

Number 31	System R201 - Buffer Preparation	Author TankDianoant. Patterson	Description Nuts of hadhole/sightglass damaged (just visual defect, no effect on functionality and no safety issue).	Responsible Duncan Patterson	Supplier Bilfinger	Status 0
32 33 34 35 36 37 38	R201 - Buffer Preparation R201 - Buffer Preparation R201 - Buffer Preparation HVAC 1 R201 - Buffer Preparation R201 - Buffer Preparation R201 - Buffer Preparation	Tank Massion iliano Quadri Tank Randon a Carbone John Smith Tank Randon a Carbone Tank Randon a Carbone	Studs (goujon) too shorts on some nozzles Vessel drawing is not in 'As built' revision Manufacturer's name plate is not available in the DOE aaa Calibration cert. roughnessmeter is missing 2nd Jacket side hydrostatic test is missing Notified Body's attestation is missingx000D_ This point is not blocking the MC. It's conditionally accepted by NVS management.	□Duncan Patterson □Massimiliano Quadri □Ramona Carbone Panci □Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Jacobs Engir Bilfinger Bilfinger Bilfinger	0 0 0 neering Group, Inc. 0 0
39	R201 - Buffer Preparation	Tank ମ୍ବିୟଖି ଡାଧି Carbone	CE confirmity from BLF is missingx000D_ This point is not blocking the MC. It's conditionally accepted by NVS management.	□Ramona Carbone	Bilfinger	0
40 41 42	R201 - Buffer Preparation R201 - Buffer Preparation R201 - Buffer Preparation	TankR aงแ ดง Carbone	Maintenance log is missing Notified Body's design examination is missing The following components are not installed: V503 - V941 - V401 - P101 - A1 - W101 - X111 - Y811 & G811 - L111 - P102 - X101 - T101. Only fitting, correct Supplier/Model/Type have been checked.	□Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger	0 0 0
43 44	R201 - Buffer Preparation		The following components are missing: P111, dip-tube and sprayballs (3) All tank nozzles and valves are not tagged	□Ramona Carbone	Bilfinger Bilfinger	0

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Number 45 46	System R201 - Buffer Preparation To R201 - Buffer Preparation To		Description Gaskets are all installed but some are damaged. Weldings information (heat number,) missing on the isometrics. Weld position not checked because diptube and sprayballs missing	Responsible Ramona Carbone Ramona Carbone	Supplier Bilfinger Bilfinger	Status 0 0
47	R201 - Buffer Preparation T	ankR ลงในเ ลือ	Line numbers wrong on ISO 50-BUFFER-EG16N40-R201-008 (bottom valve ISO) and line not tagged	□Ramona Carbone	Bilfinger	0
48	R201 - Buffer Preparation T	ank Ranool a Carbone	Tag of light missing on P&ID	□Ramona Carbone	Bilfinger	0
49	R201 - Buffer Preparation T	ank Rancola Carbone	Test functioning of agitator not performed because agitator not installed.	□Ramona Carbone	Bilfinger	0
50	R201 - Buffer Preparation T	ank ศิลิติเติล Carbone	Test drainability not performed according to the family approach agreed (test performed on R211)	□Ramona Carbone	Bilfinger	0
51	R201 - Buffer Preparation T	ank ศิลิติติต a Carbone	Test vessel level strapping not performed according to the family approach agreed (test performed on R206)	□Ramona Carbone	Bilfinger	0
52	R201 - Buffer Preparation T	ankR ลงของ la Carbone	Test sprayball coverage test not performed accoording to the family approach agreed (test performed on R211)	□Ramona Carbone	Bilfinger	0
53	R201 - Buffer Preparation T	ank ศ<i>ล</i>งใน Ma Carbone	Tolerance on diameter of ingold plugs not checked because final components not installed (sampling, conductivity,)	□Ramona Carbone	Bilfinger	0
54	R201 - Buffer Preparation T	ank Randon a Carbone	Leak pressure test not performed	□Ramona Carbone	Bilfinger	0
55	R201 - Buffer Preparation T		Jacket pipe to be cut to install the tank in the final position through the penetration hole realized.		Bilfinger	0

Number	System	Author	Description	Responsible	Supplier	Status
56	R201 - Buffer Preparation Ta	ank Rancol a Carbone	Diptube and sprayballs missing	□Ramona Carbone	Bilfinger	0
57	R201 - Buffer Preparation Ta	ank Rancol a Carbone	Nameplate missing	□Ramona Carbone	Bilfinger	0
58	R201 - Buffer Preparation Ta	ank Rancol a Carbone	Agitator and load cells not installed, no check done	□Ramona Carbone	Bilfinger	0
59	R201 - Buffer Preparation Ta	ank Rancol a Carbone	Some ingold plugs are damaged	□Ramona Carbone	Bilfinger	0
60	R201 - Buffer Preparation Ta	ank Randol a Carbone	Earthing lugs not found	□Ramona Carbone	Bilfinger	0
61	R201 - Buffer Preparation Ta	ank Randol a Carbone	Nuts of hadhole/sightglass damaged (just visual defect, no effect on functionality and	□Ramona Carbone	Bilfinger	0
			no safety issue).			
62	R201 - Buffer Preparation Ta	ank Randol a Carbone	Studs (goujon) too shorts on some nozzles	□Ramona Carbone	Bilfinger	0
63	R201 - Buffer Preparation Ta	ank Randol a Carbone	Vessel drawing is not in 'As built' revision	□Ramona Carbone	Bilfinger	0
64	R201 - Buffer Preparation Ta	ank Randola Carbone	Manufacturer's name plate is not available in the DOE	□Ramona Carbone	Bilfinger	0
65	R201 - Buffer Preparation Ta	ankR anoon a Carbone	Insulation documents are not available	□Ramona Carbone	Bilfinger	0
66	R221 - Buffer Preparation Ta	ankR anoon a Carbone	Spray ball and diptubes documents are missing	□Ramona Carbone	Bilfinger	0
67	R221 - Buffer Preparation Ta	ankR anoon a Carbone	Material certificate list, items N14 and N15, drawing revision is 0.4 instead of 1.1	□Ramona Carbone	Bilfinger	0
68	R221 - Buffer Preparation Ta	ank Randol a Carbone	Material certificate of gaskets are missing	□Ramona Carbone	Bilfinger	0
69	R221 - Buffer Preparation Ta	ankR anoon a Carbone	Filler metal certificate number 1785 instead of 1787	□Ramona Carbone	Bilfinger	0
70	R221 - Buffer Preparation Ta	ankR anoon a Carbone	Welding log, weld #151 and 310 are not in the welds mapping	□Ramona Carbone	Bilfinger	0
71	R221 - Buffer Preparation Ta	ankR anoon a Carbone	WPS #D190 is missing (Weld #310)	□Ramona Carbone	Bilfinger	0
72	R221 - Buffer Preparation Ta	ankR anoon a Carbone	Welds #406A to D are missing in the welding log	□Ramona Carbone	Bilfinger	0
73	R221 - Buffer Preparation Ta	ank Randol a Carbone	Accessory welding documents are missing	□Ramona Carbone	Bilfinger	0
74	R221 - Buffer Preparation Ta	ank Randol a Carbone	Degreasing/passivation certificate is missing	□Ramona Carbone	Bilfinger	0
75	R221 - Buffer Preparation Ta	ankR ancol a Carbone	Flushing / drying procedure and certificates are missing	□Ramona Carbone	Bilfinger	0
76	R221 - Buffer Preparation Ta	ankR ancol a Carbone	Calibration cert. roughnessmeter is missing	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
77	R221 - Buffer Preparation	「ank Rao‱ a Carbone	2nd Jacket side hydrostatic test is missing	□Ramona Carbone	Bilfinger	0
78	R221 - Buffer Preparation	Tank ମି<i>ର</i>ଡିଡ଼ିଆ a Carbone	Notified Body's attestation is missingx000D_	□Ramona Carbone	Bilfinger	0
			This point is not blocking the MC. It's conditionally accepted by NVS management.			
79	R221 - Buffer Preparation	「ank Râ⁄0000l a Carbone	CE confirmity from BLF is missingx000D_	□Ramona Carbone	Bilfinger	0
			This point is not blocking the MC. It's conditionally accepted by NVS management.			
80	R221 - Buffer Preparation	Гаnk Ra⁄o‱ la Carbone	Maintenance log is missing	□Ramona Carbone	Bilfinger	0
81	R221 - Buffer Preparation	「ank Rao‱ a Carbone	Notified Body's design examination is missing	□Ramona Carbone	Bilfinger	0
82	R221 - Buffer Preparation	「ank R2000la Carbone	The following components are not installed: V503 - V941 - V401 - P101 - A1 - W101 -	□Ramona Carbone	Bilfinger	0
			X111 - Y811 & G811 - L111 - P102 - X101 - T101. Only fitting, correct			
			Supplier/Model/Type have been checked.			
83	R221 - Buffer Preparation	「ank Rao‱ a Carbone	The following components are missing: P111, dip-tube and sprayballs (3)	□Ramona Carbone	Bilfinger	0
84	R221 - Buffer Preparation	Гаnk Râ⁄000la Carbone	All tank nozzles and valves are not tagged	□Ramona Carbone	Bilfinger	0
85	R221 - Buffer Preparation	「ank Raooo ola Carbone	Gaskets are all installed but some are damaged.	□Ramona Carbone	Bilfinger	0
86	R221 - Buffer Preparation	「ank Raooo ola Carbone	Weldings information (heat number,) missing on the isometrics. Weld position not	□Ramona Carbone	Bilfinger	0
			checked because diptube and sprayballs missing			
87	R221 - Buffer Preparation 1	Гапk R่20000l a Carbone	Line numbers wrong on ISO 221-3, 221-4, 221-5 and 50-BUFFER-EG16N40-R221-008	□Ramona Carbone	Bilfinger	0
			(bottom valve ISO) and line not tagged			
88	R221 - Buffer Preparation 1	Гапk Râ⁰‱l a Carbone	Tag of light missing on P&ID	□Ramona Carbone	Bilfinger	0
					-	

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Number 89	System R221 - Buffer Preparation T	Author ankR ลดด ดเล Carbone	Description Test functioning of agitator not performed because agitator not installed.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
90	R221 - Buffer Preparation T	ank ศิลิติติต Carbone	Test drainability not performed according to the family approach agreed (test performed on R211)	□Ramona Carbone	Bilfinger	0
91	R221 - Buffer Preparation T	ank ศิลิติติท a Carbone	Test vessel level strapping not performed according to the family approach agreed (test performed on R206)	□Ramona Carbone	Bilfinger	0
92	R201 - Buffer Preparation T	ank ମ୍ଭିଲଉଉଆ a Carbone	Test sprayball coverage test not performed according to the family approach agreed (test performed on R211)	□Ramona Carbone	Bilfinger	0
93	R201 - Buffer Preparation T	Tank ศ 200001 a Carbone	Tolerance on diameter of ingold plugs not checked because final components not installed (sampling, conductivity,)	□Ramona Carbone	Bilfinger	0
94	R201 - Buffer Preparation T	ank Rancol a Carbone	Leak pressure test not performed	□Ramona Carbone	Bilfinger	0
95	R201 - Buffer Preparation T	ank ศิลิติติท a Carbone	Jacket pipe to be cut to install the tank in the final position through the penetration hole realized.	□Ramona Carbone	Bilfinger	0
96	R201 - Buffer Preparation T	ank Ra‱a Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed for the Instruments on the vessel.	□Ramona Carbone	Bilfinger	0
97	R201 - Buffer Preparation T	Tank ศ 2000Ma Carbone	IV P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed for the Instruments on the vessel.	□Ramona Carbone	Bilfinger	0

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Number 98	System R201 - Buffer Preparation T	Author ankR മൻയി a Carbone	Description IV - Component Datasheet IV execution (WIN004 Section 2.5) was not completed for the system.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
99	R201 - Buffer Preparation T	¯ank Raงิฒิเ a Carbone	IV - Component Datasheet IV execution (WIN004 Section 2.5) was not completed for the system.	□Ramona Carbone	Bilfinger	0
100	R201 - Buffer Preparation T	¯ank Raชิ ฒิฟิล Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
101	R201 - Buffer Preparation T	ank ୟ ଛଉଉଡା a Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
102	R201 - Buffer Preparation T	¯ank ศิสิติฒิเ a Carbone	IV - Pressure Testing IV execution WIN005 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
103	R201 - Buffer Preparation T	¯ank Râ⁄ขั้เพิ่ a Carbone	IV - Pressure Testing IV execution WIN005 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
104	R201 - Buffer Preparation T	¯ank ศิสติติต ์ Carbone	IV - Cleaning / Passivation Testing IV execution WIN005 Section 2.5 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
105	R201 - Buffer Preparation T	¯ank ศิลิติฒิเ a Carbone	IV - Cleaning / Passivation Testing IV execution WIN005 Section 2.5 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0

Number 106	System R201 - Buffer Preparation T	Author Fank Rമത മാലെ	Description IV - Material Certification Review IV execution WIN005 Section 2.9 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
107	R201 - Buffer Preparation T	Гапk R่â‱i a Carbone	IV - Material Certification Review IV execution WIN005 Section 2.9 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
108	R201 - Buffer Preparation T	୮ank ମ୍ଲ2ଉଭୋ a Carbone	IV - P&ID walkdown IV execution WIN004 Section 2.1 was not completed for Osmotron Pro 7.000 PW-2S Unit B	□Ramona Carbone	Bilfinger	0
109	R201 - Buffer Preparation T	Гапk Ra⁄0000la Carbone	IV - P&ID walkdown IV execution WIN004 Section 2.1 was not completed for Loopo 450.	□Ramona Carbone	Bilfinger	0
110	R201 - Buffer Preparation T	Гапk ମି<i>ଛ</i>ଉଡୋ a Carbone	IV - Slope check IV execution WIN004 Section 2.3 was not completed for the Osmotron Pro 7.000 PW-2S Unit B.	□Ramona Carbone	Bilfinger	0
111	R201 - Buffer Preparation T	Гапk ମି<i>ଛ</i>ଉଡୋ a Carbone	IV - Slope check IV execution WIN004 Section 2.3 was not completed for the Loopo 450.	□Ramona Carbone	Bilfinger	0
112	R201 - Buffer Preparation T	Гапk ମି<i>ଛିଡାଭି</i>ରୀ a Carbone	IV - Pressure tests IV execution WIN005 Section 2.1 was not completed for the Osmotron Pro 7.000 PW-2S Unit B.	□Ramona Carbone	Bilfinger	0
113	R201 - Buffer Preparation T	Гапk ମି<i>ଛିଡାଭା</i>ଧା a Carbone	IV - Pressure tests IV execution WIN005 Section 2.1 was not completed for the Loopo 450.	□Ramona Carbone	Bilfinger	0

Number 114	System R201 - Buffer Preparation T	Author Fank Rമത മാലെ	Description IV - Flushing/blowdown IV execution WIN005 Section 2.3 was not completed for the Osmotron Pro 7.000 PW-2S Unit B.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
115	R201 - Buffer Preparation T	Гапk ศ<i>ิล</i>ตัฒ ia Carbone	IV - Flushing/blowdown IV execution WIN005 Section 2.3 was not completed for the Loopo 450.	□Ramona Carbone	Bilfinger	0
116	R201 - Buffer Preparation T	Гапk R่â0ั‱ ia Carbone	IV - Cleaning/Passivation IV Execution WIN005 Section 2.5 was not completed for the Osmotron Pro 7.000 PW-2S Unit B.	□Ramona Carbone	Bilfinger	0
117	R201 - Buffer Preparation T	Гапk R่â0‱i a Carbone	IV - Cleaning/Passivation IV Execution WIN005 Section 2.5 was not completed for the Loopo 450.	□Ramona Carbone	Bilfinger	0
118	R201 - Buffer Preparation T	୮ank ମ୍ଲ2ଉଭୋ a Carbone	IV - Welding Documentation Review IV Execution WIN005 Section 2.7 was not completed for the Osmotron Pro 7.000 PW-2S Unit B.	□Ramona Carbone	Bilfinger	0
119	R201 - Buffer Preparation T	୮ank ମ୍ଲ2ଉଭୋ a Carbone	IV - Welding Documentation Review IV Execution WIN005 Section 2.7 was not completed for the Loopo 450.	□Ramona Carbone	Bilfinger	0
120	R201 - Buffer Preparation T	Гапk R่a0000la Carbone	IV - Material Certification Review IV Execution WIN005 Section 2.9 was not completed for the Osmotron Pro 7.000 PW-2S Unit B.	□Ramona Carbone	Bilfinger	0
121	R201 - Buffer Preparation T	Гапk Râ⁄0000la Carbone	IV - Material Certification Review IV Execution WIN005 Section 2.9 was not completed for the Loopo 450.	□Ramona Carbone	Bilfinger	0

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Number 122	System R201 - Buffer Preparation T	Author 「ankR ഷിത യാവിa Carbone	Description IV - P&ID walkdown IV Execution WIN004 Section 2.1 was not completed for Osmotron 270A (X951).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
123	R201 - Buffer Preparation T	Гапk R่ล®‱la Carbone	IV - Slope checks IV Execution WIN004 Section 2.3 was not completed for the Osmotron 270A (X951).	□Ramona Carbone	Bilfinger	0
124	R201 - Buffer Preparation T	Гапk R่ล®‱ia Carbone	IV - Pressure tests IV Execution WIN005 Section 2.1 was not completed for the Osmotron 270A (X951).	□Ramona Carbone	Bilfinger	0
125	R201 - Buffer Preparation T	Гапk ศิฏ0000la Carbone	IV - Flushing/blowdown IV Execution WIN005 Section 2.3 was not completed for the Osmotron 270A (X951).	□Ramona Carbone	Bilfinger	0
126	R201 - Buffer Preparation T	Гапk R่20000la Carbone	IV - Cleaning/Passivation IV Execution WIN005 Section 2.5 was not completed for the Osmotron 270A (X951).	□Ramona Carbone	Bilfinger	0
127	R201 - Buffer Preparation T	Гапk R่20000la Carbone	IV - Welding Documentation IV Execution WIN005 Section 2.7 was not completed for the Osmotron 270A (X951).	□Ramona Carbone	Bilfinger	0
128	R201 - Buffer Preparation T	Гапk Râ0000la Carbone	IV - Material Certification IV Execution WIN005 Section 2.9 was not completed for the Osmotron 270A (X951).	□Ramona Carbone	Bilfinger	0
129	R201 - Buffer Preparation T	Гапk ศิ<i>Ձ</i>000 1a Carbone	IV - Pressure Testing IV Execution WIN005 Section 2.2 was not completed for the Centrifuge system F483.	□Ramona Carbone	Bilfinger	0

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Number 130	System R201 - Buffer Preparation T	Author ankR മൻതി a Carbone	Description IV - Flushing/blowdown IV Execution WIN005 Section 2.3 was not completed for the Centrifuge system F483.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
131	R201 - Buffer Preparation T	ank Rลดิดเก a Carbone	IV - Cleaning/Passivation IV Execution WIN005 Section 2.5 was not completed for the Centrifuge system F483.	□Ramona Carbone	Bilfinger	0
132	R221 - Buffer Preparation T	Tank ศิลิติติต Carbone	IV - P&ID walkdown IV Execution WIN004 Section 2.1 was not completed.	□Ramona Carbone	Bilfinger	0
133	R221 - Buffer Preparation T	ank ศิลิติติต ์ Carbone	IV - Verification of components IV Execution WIN004 Section 2.5 was not completed.	□Ramona Carbone	Bilfinger	0
134	R221 - Buffer Preparation T	ank ମ୍ଭିଲ୍ଲେଆ a Carbone	IV - P&ID walkdown IV Execution WIN004 Section 2.1 was not completed.	□Ramona Carbone	Bilfinger	0
135	R221 - Buffer Preparation T	ank ମ୍ଭିଲ୍ଲେଆ a Carbone	IV - Verification of components IV Execution WIN004 Section 2.5 was not completed.	□Ramona Carbone	Bilfinger	0
136	R221 - Buffer Preparation T	ank ศิลิติติต Carbone	IV - P&ID walkdown IV Execution WIN004 Section 2.1 was not completed.	□Ramona Carbone	Bilfinger	0
137	R221 - Buffer Preparation T	ankR ลงดัง โล Carbone	IV - Verification of components IV Execution WIN004 Section 2.5 was not completed.	□Ramona Carbone	Bilfinger	0
138	R221 - Buffer Preparation T	ankR anoon a Carbone	IV - P&ID walkdown IV Execution WIN004 Section 2.1 was not completed.	□Ramona Carbone	Bilfinger	0
139	R221 - Buffer Preparation T	ankR anoon a Carbone	IV - Verification of components IV Execution WIN004 Section 2.5 was not completed.	□Ramona Carbone	Bilfinger	0
140	R221 - Buffer Preparation T	ank ศิลิติติต Carbone	IV - Pressure Test IV execution WIN005 Section 2.1.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0

Number 141	System R221 - Buffer Preparation T	Author ankRമൻൽിa Carbone	Description IV - Flushing / Blowdown IV execution WIN005 Section 2.3.4 (Vessel Only) was not completed.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
142	R221 - Buffer Preparation T	ank ମ୍ଭ ଅଡିଡିଆ a Carbone	IV - Cleaning/Passivation IV execution WIN005 Section 2.5.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0
143	R221 - Buffer Preparation T	¯ank Râ⁄000l a Carbone	IV - Pressure Test IV execution WIN005 Section 2.1.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0
144	R221 - Buffer Preparation T	¯ank R<i>ล</i>ิติฒิต a Carbone	IV - Flushing / Blowdown IV execution WIN005 Section 2.3.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0
145	R221 - Buffer Preparation T	⁻ ank R2000Ma Carbone	IV - Cleaning/Passivation IV execution WIN005 Section 2.5.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0
146	R221 - Buffer Preparation T	⁻ ank ศิ<i>ล</i>ชิชิชิส Carbone	IV - Pressure Test IV execution WIN005 Section 2.1.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0
147	R221 - Buffer Preparation T	⁻ ank R2000Ma Carbone	IV - Flushing / Blowdown IV execution WIN005 Section 2.3.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0
148	R221 - Buffer Preparation T	¯ank R<i>Ձ</i>ೲೲl a Carbone	IV - Cleaning/Passivation IV execution WIN005 Section 2.5.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0

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Number 149	System R221 - Buffer Preparation Ta	Author ankR ഷായാ Carbone	Description IV - Pressure Test IV execution WIN005 Section 2.1.4 (Vessel Only) was not completed.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
150	R221 - Buffer Preparation Ta	ank ମ୍ବିଶ୍ରବିଭା a Carbone	IV - Flushing / Blowdown IV execution WIN005 Section 2.3.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0
151	R221 - Buffer Preparation Ta	ank ମ୍ଭିୟଉଡ଼ା a Carbone	IV - Cleaning/Passivation IV execution WIN005 Section 2.5.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0
152	R221 - Buffer Preparation Ta	ank ମ୍ଭ ଅଡାଉଧା a Carbone	IV - Pressure Test IV execution WIN005 Section 2.1.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0
153	R221 - Buffer Preparation Ta	ank ମ୍ଭିୟଡାଉଖ a Carbone	IV - Flushing / Blowdown IV execution WIN005 Section 2.3.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0
154	R221 - Buffer Preparation Ta	ank ମ୍ଭିୟଡିଭୋ a Carbone	IV - Cleaning/Passivation IV execution WIN005 Section 2.5.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0
155	R221 - Buffer Preparation Ta	ank ମ୍ଭିୟଡିଭୋ a Carbone	IV - Pressure Test IV execution WIN005 Section 2.1.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0
156	R221 - Buffer Preparation Ta	ank ମ୍ଭ ଅଡାଉଧା a Carbone	IV - Flushing / Blowdown IV execution WIN005 Section 2.3.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0

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Number 157	System R221 - Buffer Preparation T	Author Гапk Rഷാ ത്തിa Carbone	Description IV - Cleaning/Passivation IV execution WIN005 Section 2.5.4 (Vessel Only) was not completed.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
158	R201 - Buffer Preparation T	Гапk R่â0‱i a Carbone	IV - Pressure Test IV execution WIN005 Section 2.1.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0
159	R201 - Buffer Preparation T	Гапk R่â‱i a Carbone	IV - Flushing / Blowdown IV execution WIN005 Section 2.3.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0
160	R201 - Buffer Preparation T	Гапk R่â0000la Carbone	IV - Cleaning/Passivation IV execution WIN005 Section 2.5.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0
161	R201 - Buffer Preparation T	Гапk Râ0000la Carbone	IV - Pressure Test IV execution WIN005 Section 2.1.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0
162	R201 - Buffer Preparation T	Гапk ମି<i>ଛିଡାଭା</i>ଧା a Carbone	IV - Flushing / Blowdown IV execution WIN005 Section 2.3.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0
163	R201 - Buffer Preparation T	Гапk ମି<i>ଛିଡାଭା</i>ଧା a Carbone	IV - Cleaning/Passivation IV execution WIN005 Section 2.5.4 (Vessel Only) was not completed.	□Ramona Carbone	Bilfinger	0
164	R201 - Buffer Preparation T	Гапk Ra‱a Carbone	IV P&ID Walkdown IV execution WIN004 Section 2.1 (Skid Only) was not completed correctly - Not "stamped" with IV reference.	□Ramona Carbone	Bilfinger	0

Number 165	System R201 - Buffer Preparation T	Author Fank Rമത യാമെ Carbone	Description IV P&ID Walkdown IV execution WIN004 Section 2.1.2 (Skid Only) was not completed correctly - P&ID not signed and dated.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
166	R201 - Buffer Preparation T	Гапk R่ 2000ท่ a Carbone	IV Slope and Drainability IV execution WIN004 Section 2.3.4 (Skid Only) was not completed correctly - No "Stamp" on each isometric.	□Ramona Carbone	Bilfinger	0
167	R201 - Buffer Preparation T	Гапk R่ล®‱la Carbone	IV Slope and Drainability IV execution WIN004 Section 2.3 (Skid Only) was not completed correctly - No dwg indicating skid datum's available.	□Ramona Carbone	Bilfinger	0
168	R201 - Buffer Preparation T	「ank Ra‱a Carbone	IV Slope and Drainability IV execution WIN004 Section 2.3.9 (Skid Only) was not completed correctly - Isometric not signed and dated at each slope check.	□Ramona Carbone	Bilfinger	0
169	R201 - Buffer Preparation T	Гапk ศิฏ0000la Carbone	IV Component Datasheet IV execution WIN004 Section 2.5.2 (Skid Only) was not completed correctly - Not "stamped" with IV reference.	□Ramona Carbone	Bilfinger	0
170	R201 - Buffer Preparation T	Гапk R่20000la Carbone	IV Slope and Drainability IV execution WIN004 Section 2.3 (Skid Only) was not completed correctly - No dwg indicating skid datum's available.	□Ramona Carbone	Bilfinger	0
171	R201 - Buffer Preparation T	「ank Râ0000la Carbone	IV Slope and Drainability IV execution WIN004 Section 2.3 (Skid Only) was not completed correctly - Angles of 2 Way GEMU valves not recorded.	□Ramona Carbone	Bilfinger	0
172	R201 - Buffer Preparation T	「ank Râ0000la Carbone	IV Slope and Drainability IV execution WIN004 Section 2.3 (Skid Only) was not completed correctly - Angles of Block valves not recorded.	□Ramona Carbone	Bilfinger	0

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Number 173	System R201 - Buffer Preparation T	Author ankম্প্রকাঞার Carbone	Description IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed for the Instruments on the vessel.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
174	R201 - Buffer Preparation T	ank ศิลิติติต ์ Carbone	IV - Component Datasheet IV execution (WIN004 Section 2.5) was not completed for the system.	□Ramona Carbone	Bilfinger	0
175	R201 - Buffer Preparation T	ank ศิลิติติต Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
176	R201 - Buffer Preparation T	ank ন্ত্রিঞ্জো a Carbone	IV - Pressure Testing IV execution WIN005 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
177	R201 - Buffer Preparation T	ank ศิลิติติต Carbone	IV - Cleaning / Passivation Testing IV execution WIN005 Section 2.5 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
178	R201 - Buffer Preparation T	ank ศิลิติเพิ่ม a Carbone	IV - Material Certification Review IV execution WIN005 Section 2.9 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
179	R201 - Buffer Preparation T	ank ศิสติติต Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed for the Instruments on the vessel.	□Ramona Carbone	Bilfinger	0
180	R201 - Buffer Preparation T	ank ศิสติติต Carbone	IV - Component Datasheet IV execution (WIN004 Section 2.5) was not completed for the system.	□Ramona Carbone	Bilfinger	0

Number 181	System R201 - Buffer Preparation T	Author ⁻ ank ୟaଉଡ଼ା a Carbone	Description IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
182	R201 - Buffer Preparation T	ank ศิลิติติต Carbone	IV - Pressure Testing IV execution WIN005 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
183	R201 - Buffer Preparation T	ank Raิดิดิด ส Carbone	IV - Cleaning / Passivation Testing IV execution WIN005 Section 2.5 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
184	R201 - Buffer Preparation T	Tank ศิลิติเพิ่ม a Carbone	IV - Material Certification Review IV execution WIN005 Section 2.9 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
185	R201 - Buffer Preparation T	Tank ศ 2000ฟล Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed for the Instruments on the vessel.	□Ramona Carbone	Bilfinger	0
186	R201 - Buffer Preparation T	⁻ ank ศิลิติติต Carbone	IV - Component Datasheet IV execution (WIN004 Section 2.5) was not completed for the system.	□Ramona Carbone	Bilfinger	0
187	R201 - Buffer Preparation T	ank ศ 2000ป a Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
188	R201 - Buffer Preparation T	์ank ศิลิติติต ์ Carbone	IV - Pressure Testing IV execution WIN005 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0

Number 189	System R201 - Buffer Preparation T	Author FankR ഷത മാവി Carbone	Description IV - Cleaning / Passivation Testing IV execution WIN005 Section 2.5 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
190	R201 - Buffer Preparation T	୮ank ମ୍ଲ2ଉଭୋ a Carbone	IV - Material Certification Review IV execution WIN005 Section 2.9 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
191	R201 - Buffer Preparation T	Гапk R่a0000la Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed for the Instruments on the vessel.	□Ramona Carbone	Bilfinger	0
192	R201 - Buffer Preparation T	Гапk ମି<i>ଛ</i>ଉଡୋ a Carbone	IV - Component Datasheet IV execution (WIN004 Section 2.5) was not completed for the system.	□Ramona Carbone	Bilfinger	0
193	R201 - Buffer Preparation T	Гапk ମି<i>ଛିଡାଭା</i>ଧା a Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
194	R201 - Buffer Preparation T	Гапk ମି<i>ଛିଡାଭର</i>ା a Carbone	IV - Pressure Testing IV execution WIN005 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
195	R201 - Buffer Preparation T	Гапk ମି<i>ଛିଡାଭି</i>ରୀ a Carbone	IV - Cleaning / Passivation Testing IV execution WIN005 Section 2.5 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
196	R201 - Buffer Preparation T	Гапk ମି<i>ଛିଡାଭା</i>ଧା a Carbone	IV - Material Certification Review IV execution WIN005 Section 2.9 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0

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Number 197	System R201 - Buffer Preparation T	Author Fank Rമത യിa Carbone	Description IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed for the Instruments on the vessel.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
198	R221 - Buffer Preparation T	Гапk ମି<i>ଛ</i>ଉଡୋ a Carbone	IV - Component Datasheet IV execution (WIN004 Section 2.5) was not completed for the system.	□Ramona Carbone	Bilfinger	0
199	R221 - Buffer Preparation T	Гапk R่âขัฒ a Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
200	R221 - Buffer Preparation T	Гапk R่ 2000ท่ a Carbone	IV - Pressure Testing IV execution WIN005 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
201	R221 - Buffer Preparation T	「ank ศิՁ0000la Carbone	IV - Cleaning / Passivation Testing IV execution WIN005 Section 2.5 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
202	R221 - Buffer Preparation T	「ank ศิâ000⁄ia Carbone	IV - Material Certification Review IV execution WIN005 Section 2.9 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
203	R221 - Buffer Preparation T	「ank ศิՁ0000la Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed for the Instruments on the vessel.	□Ramona Carbone	Bilfinger	0
204	R221 - Buffer Preparation T	Гапk R่â0ัฒ a Carbone	IV - Component Datasheet IV execution (WIN004 Section 2.5) was not completed for the system.	□Ramona Carbone	Bilfinger	0

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Number 205	System R221 - Buffer Preparation	Author Tank Rമർ തിa Carbone	Description IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
206	R221 - Buffer Preparation ⁻	Tank ମ୍ଭିୟୀଉଡ଼ା a Carbone	IV - Pressure Testing IV execution WIN005 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
207	R221 - Buffer Preparation ⁻	Tank ମ୍ଭ 200001 a Carbone	IV - Cleaning / Passivation Testing IV execution WIN005 Section 2.5 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
208	R221 - Buffer Preparation	Tank ମ୍ଭୟୁଉଭା a Carbone	IV - Material Certification Review IV execution WIN005 Section 2.9 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
209	R221 - Buffer Preparation	Tank ମ୍ଭୟବଉଦ୍ଧା a Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed for the Instruments on the vessel.	□Ramona Carbone	Bilfinger	0
210	R221 - Buffer Preparation	Tank ศิ<i>ล</i>ติติต ์ Carbone	IV - Component Datasheet IV execution (WIN004 Section 2.5) was not completed for the system.	□Ramona Carbone	Bilfinger	0
211	R221 - Buffer Preparation	Tank ศิสติติต ์ Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
212	R221 - Buffer Preparation	Tank ମ୍ଭୟବାଉ ଆa Carbone	IV - Pressure Testing IV execution WIN005 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0

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Number 213	System R221 - Buffer Preparation T	Author ⁻ ank R2ชชิ ฟิล Carbone	Description IV - Cleaning / Passivation Testing IV execution WIN005 Section 2.5 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
214	R221 - Buffer Preparation T	Tank ศิลิติติท a Carbone	IV - Material Certification Review IV execution WIN005 Section 2.9 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
215	R221 - Buffer Preparation T	¯ank Râ⁄ขั้เพิ่ a Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed for the Instruments on the vessel.	□Ramona Carbone	Bilfinger	0
216	R221 - Buffer Preparation T	¯ank ศิสิติฒิเ a Carbone	IV - Component Datasheet IV execution (WIN004 Section 2.5) was not completed for the system.	□Ramona Carbone	Bilfinger	0
217	R221 - Buffer Preparation T	⁻ ank ศิลิทิฒิเ a Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
218	R221 - Buffer Preparation T	⁻ ank ศิ<i>ฉ</i>ิติเ ดิเล	IV - Pressure Testing IV execution WIN005 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
219	R221 - Buffer Preparation T	¯ank R20000la Carbone	IV - Cleaning / Passivation Testing IV execution WIN005 Section 2.5 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
220	R221 - Buffer Preparation T	⁻ ank ศิลิทิฒิเ a Carbone	IV - Material Certification Review IV execution WIN005 Section 2.9 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0

Number 221	System R221 - Buffer Preparation T	Author Tank Rമത യാമ Carbone	Description IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
222	R221 - Buffer Preparation T	TankR ลดัง ผ่ล Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
223	R221 - Buffer Preparation T	TankR ลงแก ล Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
224	R201 - Buffer Preparation T	Гапk R่a0000la Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
225	R201 - Buffer Preparation T	TankR aติเดิม Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
226	R201 - Buffer Preparation T	TankR aติเดิม Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
227	R201 - Buffer Preparation T	Tank ମି<i>ଛିଉପରା</i>a Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
228	R201 - Buffer Preparation T	Tank ମି<i>ଛିଡାଭରା</i>a Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0

Number 229	System Author R201 - Buffer Preparation Tank Randonla Carbone	Description IV - Welding Documentation Review IV execution WIN005 Section 2.8 was no completed as per the IV Procedure.	Responsible ot □Ramona Carbone	Supplier Bilfinger	Status 0
230	R201 - Buffer Preparation TankRandona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was no completed as per the IV Procedure.	t □Ramona Carbone	Bilfinger	0
231	R201 - Buffer Preparation Tank R20000l a Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was no completed as per the IV Procedure.	ot □Ramona Carbone	Bilfinger	0
232	R201 - Buffer Preparation Tank Randonia Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was no completed as per the IV Procedure.	ot □Ramona Carbone	Bilfinger	0
233	R201 - Buffer Preparation TankRandonia Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was no completed as per the IV Procedure.	ot □Ramona Carbone	Bilfinger	0
234	R201 - Buffer Preparation TankRandonia Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was no completed as per the IV Procedure.	ot □Ramona Carbone	Bilfinger	0
235	R201 - Buffer Preparation Tank Randon a Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was no completed as per the IV Procedure.	ot □Ramona Carbone	Bilfinger	0
236	R201 - Buffer Preparation Tar&eta20Modnaghan	Diptube and sprayballs missing	Sean Monaghan	Bilfinger	0
237	R201 - Buffer Preparation Tarkati2000Cortellini	Nameplate missing	Fabiana Cortellini	Bilfinger	0
238	R201 - Buffer Preparation Tarkat22000 Cortellini	Agitator and load cells not installed, no check done	Fabiana Cortellini	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
239	R201 - Buffer Preparation 1	TankD 2000 Patterson	Some ingold plugs are damaged	□Duncan Patterson	Bilfinger	0
240	R201 - Buffer Preparation 1	Tank ⊡2000 Datterson	Earthing lugs not found	□Duncan Patterson	Bilfinger	0
241	R201 - Buffer Preparation 1	TankD120000hLPatterson	N14 (Manway): damage/scratch on manway gasket, without impact on the pressure	□Duncan Patterson	Bilfinger	0
			tests performed			
242	R201 - Buffer Preparation 1	TankD2000h Patterson	Nuts of hadhole/sightglass damaged (just visual defect, no effect on functionality and	□Duncan Patterson	Bilfinger	0
			no safety issue).			
243	R201 - Buffer Preparation 1	Tank D 2000 Delta Patterson	Studs (goujon) too shorts on some nozzles	□Duncan Patterson	Bilfinger	0
244	R201 - Buffer Preparation 1	Tank Massioh iliano Quadri	Vessel drawing is not in 'As built' revision	□Massimiliano Quadri	Bilfinger	0
245	R201 - Buffer Preparation 1	Tank Randon a Carbone	Manufacturer's name plate is not available in the DOE	□Ramona Carbone	Bilfinger	0
246	R201 - Buffer Preparation 1	Tarket20100dnaghan	Diptube and sprayballs missing	Sean Monaghan	Bilfinger	0
247	R201 - Buffer Preparation 1	Tarka t22000 Cortellini	Nameplate missing	Fabiana Cortellini	Bilfinger	0
248	R201 - Buffer Preparation 1	Tar F a t22002 Cortellini	Agitator and load cells not installed, no check done	Fabiana Cortellini	Bilfinger	0
249	R201 - Buffer Preparation 1	TankD12000001LPatterson	Some ingold plugs are damaged	□Duncan Patterson	Bilfinger	0
250	R201 - Buffer Preparation 1	TankD12000001LPatterson	Earthing lugs not found	□Duncan Patterson	Bilfinger	0
251	R201 - Buffer Preparation 1	TankD20000LPatterson	N14 (Manway): damage/scratch on manway gasket, without impact on the pressure	□Duncan Patterson	Bilfinger	0
			tests performed			
252	R201 - Buffer Preparation 1	Tank ⊡2000 Datterson	Nuts of hadhole/sightglass damaged (just visual defect, no effect on functionality and	□Duncan Patterson	Bilfinger	0
			no safety issue).			
253	R201 - Buffer Preparation 1	Tank D 2000 DL Patterson	Studs (goujon) too shorts on some nozzles	□Duncan Patterson	Bilfinger	0
254	R201 - Buffer Preparation 1	Tank Massioh iliano Quadri	Vessel drawing is not in 'As built' revision	□Massimiliano Quadri	Bilfinger	0

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Number	System A	Author	Description	Responsible	Supplier	Status
255	R201 - Buffer Preparation Tank	kRlandona Carbone	Manufacturer's name plate is not available in the DOE	□Ramona Carbone	Bilfinger	0
256	R201 - Buffer Preparation Tar&	ke t20100 dnaghan	Diptube and sprayballs missing	Sean Monaghan	Bilfinger	0
257	R201 - Buffer Preparation Tar&	ke t20100 dnaghan	Diptube and sprayballs missing	Sean Monaghan	Bilfinger	0
258	R201 - Buffer Preparation Tarfk	ka b2000 C ortellini	Nameplate missing	Fabiana Cortellini	Bilfinger	0
259	R201 - Buffer Preparation Tarfk	katb2000 Cortellini	Agitator and load cells not installed, no check done	Fabiana Cortellini	Bilfinger	0
260	R201 - Buffer Preparation Tank	kD1200001LPatterson	Some ingold plugs are damaged	□Duncan Patterson	Bilfinger	0
261	R201 - Buffer Preparation Tank	kD1200001LPatterson	Earthing lugs not found	□Duncan Patterson	Bilfinger	0
262	R201 - Buffer Preparation Tank	kD1200001LPatterson	N14 (Manway): damage/scratch on manway gasket, without impact on the pressure	□Duncan Patterson	Bilfinger	0
			tests performed			
263	R201 - Buffer Preparation Tank	kD120000nLPatterson	Nuts of hadhole/sightglass damaged (just visual defect, no effect on functionality and	□Duncan Patterson	Bilfinger	0
			no safety issue).			
264	R201 - Buffer Preparation Tank	kD120000nLPatterson	Studs (goujon) too shorts on some nozzles	□Duncan Patterson	Bilfinger	0
265	R201 - Buffer Preparation Tank	k Massion iiliano Quadri	Vessel drawing is not in 'As built' revision	□Massimiliano Quadri	Bilfinger	0
266	R201 - Buffer Preparation Tank	kR ancol a Carbone	Manufacturer's name plate is not available in the DOE	□Ramona Carbone	Bilfinger	0
267	R201 - Buffer Preparation Tar&	ke te20100 dnaghan	Diptube and sprayballs missing	Sean Monaghan	Bilfinger	0
268	R201 - Buffer Preparation Tark	ka b2a009 Cortellini	Nameplate missing	Fabiana Cortellini	Bilfinger	0
269	R201 - Buffer Preparation Tark	ka b2a009 Cortellini	Agitator and load cells not installed, no check done	Fabiana Cortellini	Bilfinger	0
270	R201 - Buffer Preparation Tank	kD12000001LPatterson	Some ingold plugs are damaged	□Duncan Patterson	Bilfinger	0
271	R201 - Buffer Preparation Tank	kD12000001LPatterson	Earthing lugs not found	□Duncan Patterson	Bilfinger	0
272	R201 - Buffer Preparation Tank	kD12000001LPatterson	N14 (Manway): damage/scratch on manway gasket, without impact on the pressure	□Duncan Patterson	Bilfinger	0
			tests performed			

Number 273	System R201 - Buffer Preparation Ta	Author nkD12200CanLPatterson	Description Nuts of hadhole/sightglass damaged (just visual defect, no effect on functionality and no safety issue).	Responsible Duncan Patterson	Supplier Bilfinger	Status 0
274 275 276 277 278 279 280 281 282	R201 - Buffer Preparation Ta R201 - Buffer Preparation Ta	nkMassioniliano Quadri nkRasocoma Carbone roket2000clnaghan rokat22000cortellini rokat22000cortellini nkDaocom Patterson nkDaocom Patterson	Studs (goujon) too shorts on some nozzles Vessel drawing is not in 'As built' revision Manufacturer's name plate is not available in the DOE Diptube and sprayballs missing Nameplate missing Agitator and load cells not installed, no check done Some ingold plugs are damaged Earthing lugs not found N14 (Manway): damage/scratch on manway gasket, without impact on the pressure tests performed	□Duncan Patterson □Massimiliano Quadri □Ramona Carbone Sean Monaghan Fabiana Cortellini Fabiana Cortellini □Duncan Patterson □Duncan Patterson □Duncan Patterson	Bilfinger Bilfinger Bilfinger Bilfinger Bilfinger Bilfinger Bilfinger Bilfinger Bilfinger	0 0 0 0 0 0 0
283	R201 - Buffer Preparation Ta	nk D12000an t Patterson	Nuts of hadhole/sightglass damaged (just visual defect, no effect on functionality and no safety issue).	□Duncan Patterson	Bilfinger	0
284 285 286 287	R201 - Buffer Preparation Tar R201 - Buffer Preparation Tar R201 - Buffer Preparation Tar R480 - Intermediate Pool Tar	nk Massioh iliano Quadri nk ମ୍ବଶ୍ରୀପର୍ ଧାa Carbone	Studs (goujon) too shorts on some nozzles Vessel drawing is not in 'As built' revision Manufacturer's name plate is not available in the DOE IV - Component Datasheet IV execution (WIN004 Section 2.5) was not completed for the system.	□Duncan Patterson □Massimiliano Quadri □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger Bilfinger	0 0 0
288	R480 - Intermediate Pool Tar	nki 52000 bna Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0

Number 289	System R480 - Intermediate Pool Ta	Author ank ենձնն անոа Carbone	Description IV - Pressure Testing IV execution WIN005 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
290	R480 - Intermediate Pool Ta	ankī 52000o na Carbone	IV - Cleaning / Passivation Testing IV execution WIN005 Section 2.5 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
291	R480 - Intermediate Pool Ta	anki 52200o na Carbone	IV - Material Certification Review IV execution WIN005 Section 2.9 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
292	R480 - Intermediate Pool Ta	ankī 5@00 una Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed for the Instruments on the vessel.	□Ramona Carbone	Bilfinger	0
293	F480 - Clarification Skid	□Ramona Carbone	IV - Component Datasheet IV execution (WIN004 Section 2.5) was not completed for the system.	□Ramona Carbone	Bilfinger	0
294	F480 - Clarification Skid	□Ramona Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
295	F480 - Clarification Skid	□Ramona Carbone	IV - Pressure Testing IV execution WIN005 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
296	F480 - Clarification Skid	□Ramona Carbone	IV - Cleaning / Passivation Testing IV execution WIN005 Section 2.5 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0

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Number 297	System F480 - Clarification Skid	Author □Ramona Carbone	Description IV - Material Certification Review IV execution WIN005 Section 2.9 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
298	F480 - Clarification Skid	□Ramona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
299	C446 - Bioreactor 15000L	□Ramona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
300	C447 - Bioreactor 15000L	□Ramona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
301	R481 - Harvest Pool Tank 1	800 Rl amona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
302	C413 - Seed Bioreactor 90L	. □Ramona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
303	C423 - Seed Bioreactor 450	lL □Ramona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
304	C433 - Seed Bioreactor 250	0L□Ramona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0

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Number 305	System R118 - Media Preparation T	Author ankR2த்லில் Carbone	Description IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
306	R152 - Media Preparation T	ank ମଣ୍ଡାଉଉଡା a Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
307	R480 - Intermediate Pool Ta	anki 52000 นกล Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
308	F480 - Clarification Skid	□Ramona Carbone	All Instrument according to P&ID are not_x000D_ installed on vessels.	□Ramona Carbone	Bilfinger	0
309	C446 - Bioreactor 15000L	□Ramona Carbone	All Instrument according to P&ID are not_x000D_ installed on vessels.	□Ramona Carbone	Bilfinger	0
310	C447 - Bioreactor 15000L	□Ramona Carbone	C-446 – N22 (25.050) and N33(25.045)_x000D_ Internal diameter is over the tolerancex000D_ (25.020)_x000D_ PG highlight that hydraulic test has been_x000D_ performed with the plug in place even if_x000D_ this specific ports are out of tolerance.	□Ramona Carbone	Bilfinger	0
311	C446 - Bioreactor 15000L	□Ramona Carbone	C-447 – N20 (25.035), N21(25.030) and_x000D_ N23(25.035)_x000D_ Internal diameter is over the tolerancex000D_ (25.020)_x000D_ PG highlight that hydraulic test has been_x000D_ performed with the plug in place even if_x000D_ this specific ports are out of tolerance.	□Ramona Carbone	Bilfinger	0

Number	System	Author	Description	Responsible	Supplier	Status
312	C447 - Bioreactor 15000L	□Ramona Carbone	Clips to be changed on_x000D_□sparger nozzles.	□Ramona Carbone	Bilfinger	0
313	C446 - Bioreactor 15000L	□Ramona Carbone	Clips to be changed on sparger nozzles.	□Ramona Carbone	Bilfinger	0
314	C447 - Bioreactor 15000L	□Ramona Carbone	Port tags are missing	□Ramona Carbone	Bilfinger	0
315	C446 - Bioreactor 15000L	□Ramona Carbone	Port tags are missing	□Ramona Carbone	Bilfinger	0
316	C447 - Bioreactor 15000L	□Ramona Carbone	Coverage test failed also after modifications implemented _x000D_	□Ramona Carbone	Bilfinger	0
			on cleaning device. Riboflavin residuals remain below baffles supports			
317	C446 - Bioreactor 15000L	□Ramona Carbone	Coverage test failed also after modifications implemented _x000D_	□Ramona Carbone	Bilfinger	0
			on cleaning device. Riboflavin residuals remain below baffles supports			
318	C447 - Bioreactor 15000L	□Ramona Carbone	Load cells and earth_x000D_□connection not installed for FAT	□Ramona Carbone	Bilfinger	0
319	C446 - Bioreactor 15000L	□Ramona Carbone	Load cells and earth_x000D_□connection not installed for FAT	□Ramona Carbone	Bilfinger	0
320	C447 - Bioreactor 15000L	□Ramona Carbone	Agitator Mechanical seal was noisy during the test. (C-446 was less noisy than	□Ramona Carbone	Bilfinger	0
			C-447)x000D_			
			PG explained that we did the test with 0.5 barg in the mechanical seal, which is not			
			enough for a proper functionality. (No seal pot and no sterilization available for			
321	C446 - Bioreactor 15000L	□Ramona Carbone	Agitator Mechanical seal was noisy during the test. (C-446 was less noisy than C-447).	□Ramona Carbone	Bilfinger	0
			PG explained that we did the test with 0.5 barg in the mechanical seal, which is not			
			enough for a proper functionality. (No seal pot and no sterilisation available for FAT			
			test)			
322	C447 - Bioreactor 15000L	□Ramona Carbone	EC final inspection_x000D_	□Ramona Carbone	Bilfinger	0
			certificate by notified body missing in the_x000D_			
			documentation			

			1 NOLOGOLK 1 GNOTILIOT NEI GNT 2020 02 00 14.00.07			
Number	System	Author	Description	Responsible	Supplier	Status
323	C446 - Bioreactor 15000L	□Ramona Carbone	EC final inspection_x000D_	□Ramona Carbone	Bilfinger	0
			certificate by notified body missing in the_x000D_			
			documentation			
324	C447 - Bioreactor 15000L	□Ramona Carbone	Deviation list is listing commercial changes_x000D_	□Ramona Carbone	Bilfinger	0
			since the beginning of the projectx000D_			
			NVS/JE expectation is a deviation list_x000D_			
			according to technical relevant deviationx000D_			
			(For example: From mechanical Standard)			
325	C446 - Bioreactor 15000L	□Ramona Carbone	Deviation list is listing commercial changes_x000D_	□Ramona Carbone	Bilfinger	0
			since the beginning of the projectx000D_			
			NVS/JE expectation is a deviation list_x000D_			
			according to technical relevant deviationx000D_			
			(For example: From mechanical Standard)			
326	C447 - Bioreactor 15000L	□Ramona Carbone	Instrument datasheet and maintenance_x000D_	□Ramona Carbone	Bilfinger	0
			documentation missing			
327	C446 - Bioreactor 15000L	□Ramona Carbone	Instrument datasheet and maintenance_x000D_	□Ramona Carbone	Bilfinger	0
			documentation missing			
328	C447 - Bioreactor 15000L	□Ramona Carbone	Operating file is missing	□Ramona Carbone	Bilfinger	0
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Number	System	Author	Description	Responsible	Supplier	Status
329	C446 - Bioreactor 15000L	□Ramona Carbone	Operating file is missing	□Ramona Carbone	Bilfinger	0
330	C447 - Bioreactor 15000L	□Ramona Carbone	Calibration certificates of instruments are missing	□Ramona Carbone	Bilfinger	0
331	C446 - Bioreactor 15000L	□Ramona Carbone	Calibration certificates of instruments are missing	□Ramona Carbone	Bilfinger	0
332	C447 - Bioreactor 15000L	□Ramona Carbone	Inspection certificates of instruments are missing	□Ramona Carbone	Bilfinger	0
333	C446 - Bioreactor 15000L	□Ramona Carbone	Inspection certificates of instruments are missing	□Ramona Carbone	Bilfinger	0
334	C447 - Bioreactor 15000L	□Ramona Carbone	Instruments documentation check_x000D_	□Ramona Carbone	Bilfinger	0
			according to VDR requirement was not_x000D_			
			performed.			
335	C446 - Bioreactor 15000L	□Ramona Carbone	Instruments documentation check_x000D_	□Ramona Carbone	Bilfinger	0
			according to VDR requirement was not_x000D_			
			performed.			
336	C447 - Bioreactor 15000L	□Ramona Carbone	Slope of Ingold N23 (18°) and N25 (19°) of C446 is deviating from the value of the	□Ramona Carbone	Bilfinger	0
			construction drawing (20°)x000D_			
			Possible impact on probe correct functionality to be checkedx000D_			
			With reference to Muendges email dated 12-Jul-2017 08:05, functionality of the probes			
			(DO) are not impacted by the slope deviation.			
337	C446 - Bioreactor 15000L	□Ramona Carbone	From the construction drawings and x000D_	□Ramona Carbone	Bilfinger	0
			welding report it is not possible to identify_x000D_			
			the completeness of the welding inspection_x000D_			
			tests performed.			

Number 338	System C446 - Bioreactor 15000L	Author □Ramona Carbone	Description From the construction drawings and_x000D_ welding report it is not possible to identify_x000D_ the completeness of the welding inspection_x000D_ tests performed.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
339	C447 - Bioreactor 15000L	□Ramona Carbone	With reference to FAT NC 20 (agitator angle not according _x000D_ to construction drawing)	□Ramona Carbone	Bilfinger	0
340	C446 - Bioreactor 15000L	□Ramona Carbone	With reference to FAT NC 20 (agitator angle not according _x000D_ to construction drawing)	□Ramona Carbone	Bilfinger	0
341	C447 - Bioreactor 15000L	□Ramona Carbone	Coverage tests (RUN1 during FAT) and_x000D_ RUN2 were performed with blind caps_x000D_ installed on the all the nozzles except the_x000D_ two "J" tubes that were installed. Compete_x000D_ agitator was also installed	□Ramona Carbone	Bilfinger	0
342	C446 - Bioreactor 15000L	□Ramona Carbone	Coverage tests (RUN1 during FAT) and_x000D_ RUN2 were performed with blind caps_x000D_ installed on the all the nozzles except the_x000D_ two "J" tubes that were installed. Compete_x000D_ agitator was also installed	□Ramona Carbone	Bilfinger	0

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Number 343	System C447 - Bioreactor 15000L	Author Ramona Carbone	Description Leak test was not executed since not part_x000D_ of FAT scope	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
344	C446 - Bioreactor 15000L	□Ramona Carbone	Leak test was not executed since not part of FAT scope	□Ramona Carbone	Bilfinger	0
345	C447 - Bioreactor 15000L	□Ramona Carbone	During test of the agitator only the rotation was checked. The rotation was not measured according to required ranges	□Ramona Carbone	Bilfinger	0
346	C446 - Bioreactor 15000L	□Ramona Carbone	During test of the agitator only the rotation was checked. The rotation was not measured according to required ranges	□Ramona Carbone	Bilfinger	0
347	C447 - Bioreactor 15000L	□Ramona Carbone	With reference to FAT NC 20 (agitator angle not according to construction drawing)	□Ramona Carbone	Bilfinger	0
348	C446 - Bioreactor 15000L	□Ramona Carbone	With reference to FAT NC 20 (agitator angle not according to construction drawing)	□Ramona Carbone	Bilfinger	0
349	C447 - Bioreactor 15000L	□Ramona Carbone	Some data in the costruction drawing are not correct	□Ramona Carbone	Bilfinger	0
350	R118 - Media Preparation T	ankR25000ba Carbone	Rupture disk is not installed on nozzle N13	□Ramona Carbone	Bilfinger	0
351	R118 - Media Preparation T	ankR25000ba Carbone	pH probe not installed on port N31	□Ramona Carbone	Bilfinger	0
352	R118 - Media Preparation T	ankR25000ba Carbone	Temperature probe not installed on thermowell N33	□Ramona Carbone	Bilfinger	0
353	R118 - Media Preparation T	ankR 25000 ba Carbone	Holes for welding gases escape of lugs are on the top part of the _x000D_ lugs instead of the bottom part	□Ramona Carbone	Bilfinger	0
354	R118 - Media Preparation T	ank R25000 ba Carbone	Nozzle tags are missing according to P&ID and Construction drawing	□Ramona Carbone	Bilfinger	0

Number	System	Author	Description	Responsible	Supplier	Status
355	R118 - Media Preparation T	ank P25000 ba Carbone	Earthing connection is not installed	□Ramona Carbone	Bilfinger	0
356	R118 - Media Preparation T	ank R25000 La Carbone	Studs on flanges for acessories / blind flange fixation are too short (on top and on side of the vessel)	□Ramona Carbone	Bilfinger	0
357	R118 - Media Preparation T	ank R2500 ba Carbone	Leak test was not executed since not part of FAT scope	□Ramona Carbone	Bilfinger	0
358	R118 - Media Preparation T	ank R25n00ol na Carbone	Accessories of the vessel (Cleaning devices) are not electropolished internally and externally	□Ramona Carbone	Bilfinger	0
359	R118 - Media Preparation T	ank ମ୍ଅନ୍ଧାଉଠା na Carbone	Roughness measurements of internal and external surfaces of accessories are not executed in PG's internal tests	□Ramona Carbone	Bilfinger	0
360	R118 - Media Preparation T	ank P25000 ba Carbone	EC design approval certificate of vessel delivered by Notified Body is missing	□Ramona Carbone	Bilfinger	0
361	R118 - Media Preparation T	ank R25000 ba Carbone	EC final inspection certificate of vessel delivered by Notified Body is missing	□Ramona Carbone	Bilfinger	0
362	R118 - Media Preparation T	ank R25000 ba Carbone	EC conformity declaration of vessel delivered by Pierre Guerin SAS is missing	□Ramona Carbone	Bilfinger	0
363	R118 - Media Preparation T	ank P25000 na Carbone	The magnetic agitator goes out of the magnetic coupling during rotation at high speed (around 40% of max speed)	□Ramona Carbone	Bilfinger	0
364	R118 - Media Preparation T	ank F25000 na Carbone	The test for agitator rotation is executed at low speed only to verify that the direction of the rotation is according to designx000D_ It is not executed at the rotation speed requested by the URS.	□Ramona Carbone	Bilfinger	0

Number 365	System R118 - Media Preparation T	Author ank P2500ba Carbone	Description FDA + TSE/BSE certificate for item 22.3 (Burkert silicone diaphragm) not present	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
366	R118 - Media Preparation T	⁻ ank R25i000 ba Carbone	Ingold ports N31 and N32 not conform in terms of slope $_x000D_$ (N31 = 16.35°; N32 = - 0.7°). $_x000D_$ Requirement for N31 = 20° and N32 = 0°.	□Ramona Carbone	Bilfinger	0
367 368	R118 - Media Preparation T R152 - Media Preparation T		Some data in the costruction drawing are not correct Sight glass is not installed	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0 0
369 370	R152 - Media Preparation T		Rupture disk is not installed on nozzle N13 Pressure indicator not installed on nozzle N16	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
371 372	R152 - Media Preparation T	¯ank ศa0000la Carbone	Earthing connection is not installed Temperature probe not installed on thermowell N33	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
373 374	R152 - Media Preparation T R152 - Media Preparation T	¯ank Rla0000la Carbone	pH probe not installed on port N31 Nozzles tag are missing according to P&ID and Construction drawing	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
375	R152 - Media Preparation T	⁻ ank ଟାଣାଉଉଉ la Carbone	Studs on flanges for acessories / blind flange fixation are too short (on top and on side of the vessel)	□Ramona Carbone	Bilfinger	0
376	R152 - Media Preparation T	¯ank ศิฌิดิดิด โล Carbone	Screws for brackets fixation are too short and in general some screws are missing on the platform structure_x000D_ (PG states that some of them are temporary)	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
377	R152 - Media Preparation T	ank ମଣ୍ଡଉଉଡା a Carbone	Several scratches and corrosion points are present on platform structure	□Ramona Carbone	Bilfinger	0
378	R152 - Media Preparation T	ank Raทิดิด โล Carbone	Several scratches are present on manhole surface of gasket	□Ramona Carbone	Bilfinger	0
379	R152 - Media Preparation T	ank Rannon la Carbone	Leak test was not executed since not part of FAT scope	□Ramona Carbone	Bilfinger	0
380	R152 - Media Preparation T	ank Rannon la Carbone	Accessories of the vessel (Cleaning devices) are not electropolished internally and	□Ramona Carbone	Bilfinger	0
004	D450 M II D II T	+5500001 0 1	externally		Duc	
381	R152 - Media Preparation T	anki-tawowaa Carbone	Roughness measurements of internal and external surfaces of accessories are not executed in PG's internal tests	⊔Ramona Carbone	Bilfinger	0
382	R152 - Media Preparation T	ank ମଣ୍ଡୀଉଡ଼ାa Carbone	EC design approval certificate of vessel delivered by Notified Body is missing	□Ramona Carbone	Bilfinger	0
383	R152 - Media Preparation T	ank ศิลิติดิดิ Carbone	EC final inspection certificate of vessel delivered by Notified Body is missing	□Ramona Carbone	Bilfinger	0
384	R152 - Media Preparation T	ank Rannona Carbone	EC conformity declaration of vessel delivered by Pierre Guerin SAS is missing	□Ramona Carbone	Bilfinger	0
385	R152 - Media Preparation T	ank ศิลิติดิดิ โล Carbone	The agitator shaft was damaged (most probably during transportation) creating a bending of the shaft itselfx000D_	□Ramona Carbone	Bilfinger	0
			The agitator was run during Pre-FAT causing the damage of the mechanical seal.			
386	R152 - Media Preparation T	ank Rฌ๗๗๗ la Carbone	The test for agitator rotation is executed at low speed only to verify that the direction of	□Ramona Carbone	Bilfinger	0
			the rotation is according to designx000D_			
			It is not executed at the rotation speed requested by the URS.			

Number	System	Author	Description	Responsible	Supplier	Status
387	R152 - Media Preparation T	ank Raดิดิดิ ดิเล Carbone	Ingold port N31 Plug is damages	□Ramona Carbone	Bilfinger	0
388	R152 - Media Preparation T	ank Rannon a Carbone	FDA and TSE/BSE certificate for item n° 22.2 (o-ring) is not acceptable because it has	□Ramona Carbone	Bilfinger	0
			been hand-marked			
389	R152 - Media Preparation T	ank Ra0000la Carbone	During vessel inspection irregularity (the metal doesn't appear smooth) on the internal	□Ramona Carbone	Bilfinger	0
			surface of vessel bottom was observed			
390	R152 - Media Preparation T	ank Raดิดิดิ ดิเล Carbone	Discoloration present on the CIP line	□Ramona Carbone	Bilfinger	0
391	R118 - Media Preparation T	ank R25000 ba Carbone	Discoloration present on the CIP line	□Ramona Carbone	Bilfinger	0
392	R152 - Media Preparation T	ank Rannon a Carbone	Drainability test failed due to:_x000D_	□Ramona Carbone	Bilfinger	0
			- residual liquid on top of vortex breaker (nearly fully covered)			
393	R118 - Media Preparation T	ank R25000 ba Carbone	Coverage test with Riboflavin failed due to riboflavin remaining on following	□Ramona Carbone	Bilfinger	0
			locations:_x000D_			
			- Handhole N1_x000D_			
			- Manhole N2_x000D_			
			- Nozzle N10 (spare)_x000D_			
			- Nozzle N6 (spare)_x000D_			
			- Nozzle N16 (Pressure Transm.)_x000D_			
			- Agitator_x000D_			
			x000D			
			Riboflavin residuals on agitator is acceptable because			

Number	System	Author	Description	Responsible	Supplier	Status
394	R118 - Media Preparation	Tank P25000ba Carbone	Drainability test failed due to:_x000D_	□Ramona Carbone	Bilfinger	0
			- residual liquid on top of vortex breaker (nearly half covered)_x000D_			
			- lower and upper agitator hubs are retaining water on the top			
395	R152 - Media Preparation	TankRannonia Carbone	Coverage test with Riboflavin failed due to riboflavin remaining on following	g □Ramona Carbone	Bilfinger	0
			locations:_x000D_			
			- Manhole N1_x000D_			
			- Agitator flange N2_x000D_			
			- Nozzle N4 (Sight glass)_x000D_			
			- Vessel side behind the agitator shaft_x000D_			
			- Agitator impeller_x000D_			
			- Agitator shaft_x000D_			
			- Ingold port N31 (pH probe)			

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Number

396

System

Author

R152 - Media Preparation Tank Randon Carbone

Description	Responsible	Supplier	Status
Coverage test with Riboflavin failed due to riboflavin remaining on following	□Ramona Carbone	Bilfinger	0
locations:_x000D_			
- Manhole N1_x000D_			
- Agitator flanges N2 and N3_x000D_			
- Sight glass nozzle N4_x000D_			
- Sight glass with light nozzle N5_x000D_			
- Pressure indicator nozzle N9_x000D_			
- Level switch nozzle N15_x000D_			
- Pressure transmitter nozzle N16_x000D_			
- Rupture disk nozzle N13_x000D_			
- Spare nozzle N6_x000D_			
- Spare nozzle N12_x000D_			
- Gas inlet/Vent line nozzle N10_x000D_			
- Agitator shaft and blades_x000D_			
- Agitator coupling_x000D_			
- Thermowell N45_x000D_			
x000D			
Moreover, during comparison of FAT and PRE-FAT results, inconsistencies between			
the to tests were found in term of pressure/flow rate values (ref. att. 31), due to low			
accuracy of ultrasoninc flow meter.			

Number 397	System R481 - Harvest Pool Tank 19	Author 800Rlamona Carbone	Description Leak test was not executed since not part of FAT scope	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
398	R481 - Harvest Pool Tank 1	800 Rl amona Carbone	Accessories of the vessel (Cleaning devices) are not electropolished internally and externally	□Ramona Carbone	Bilfinger	0
399	R481 - Harvest Pool Tank 1	800 R lamona Carbone	Roughness measurements of internal and external surfaces of accessories are not executed in PG's internal tests	□Ramona Carbone	Bilfinger	0
400	R481 - Harvest Pool Tank 1	800 R lamona Carbone	EC design approval certificate of vessel delivered by Notified Body is missing	□Ramona Carbone	Bilfinger	0
401	R481 - Harvest Pool Tank 1	800 R amona Carbone	EC final inspection certificate of vessel delivered by Notified Body is missing	□Ramona Carbone	Bilfinger	0
402	R481 - Harvest Pool Tank 1	800 R amona Carbone	EC conformity declaration (according to Machinery and PED directives) of vessel delivered by Pierre Guerin SAS is missing	□Ramona Carbone	Bilfinger	0

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Number 403	System R481 - Harvest Pool Tank 18	Author 800Ramona Carbone	Description R481 general assembly drawing 231979 to be updated according to comments of attachment 3 of the FAT protocol	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
404	R481 - Harvest Pool Tank 18	800 Rl amona Carbone	Nozzle tags are missing according to P&ID and Construction drawing	□Ramona Carbone	Bilfinger	0
405 406	R481 - Harvest Pool Tank 18 R481 - Harvest Pool Tank 18		Rupture disk not installed on nozzle N13 Sampling valve not installed on nozzle N30, and missing from the warehouse	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
407 408 409 410	R481 - Harvest Pool Tank 18 R481 - Harvest Pool Tank 18 R481 - Harvest Pool Tank 18 R481 - Harvest Pool Tank 18	800Rlamona Carbone	Q101 pH probe not installed on nozzle N31 Q102 Conductivity probe not installed on nozzle N33 Temperature probe not installed on thermowell N45 Material handling lug installed on bottom flange is not present	□Ramona Carbone □Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger	0 0 0
411	R481 - Harvest Pool Tank 18	800 Rl amona Carbone	Load cells not installed	□Ramona Carbone	Bilfinger	0

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Number 412	System R481 - Harvest Pool Tank	Author 1800Ramona Carbone	Description Studs on flanges for acessories / blind flange fixation are too short (on top of the vessel e.g. Sight glass and pressure indicator)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
413	R481 - Harvest Pool Tank	1800 R lamona Carbone	Ingold ports N30, N31, N33 and N46 not conform in terms of slope (N30=0.3°; N31=18.65°; N33 = 18.45° ; N46 = $+0.9^\circ$)x000D_ Requirement for N31 and N33 = 20° and for N30 and N46 = 0° .	□Ramona Carbone	Bilfinger	0
414 415	R481 - Harvest Pool Tank R481 - Harvest Pool Tank		Ingold ports thread are dirty under the cap Washer welded on horizontal Ingold ports N30 and N46 present welds not properly pickled	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
416	R481 - Harvest Pool Tank	1800 R lamona Carbone	No lug is actually installed on agitator flange for agitator lifting and maintenance (one lug is installed on gearbox, but it is not usefull for lifting)x000D_ Current plan from Agitec is to use belts, but it is not acceptable for agitator lifting for maintenance		Bilfinger	0

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Number 417	System R481 - Harvest Pool Tank 1	Author 800Ramona Carbone	Description The test for agitator rotation is executed at low speed only to verify that the direction of the rotation is according to designx000D_ It is not executed at the rotation speed requested by the URS.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
418	R481 - Harvest Pool Tank 1	800Ramona Carbone	Summary of material certificates for traceability is not fully updated	□Ramona Carbone	Bilfinger	0
419	R481 - Harvest Pool Tank 1	800Rlamona Carbone	TSE/BSE certificate missing for Item 8.4 (sight glass)	□Ramona Carbone	Bilfinger	0
420	R481 - Harvest Pool Tank 1	800Ramona Carbone	FDA certificate missing for item 8.5 (o-ring)	□Ramona Carbone	Bilfinger	0
421	R481 - Harvest Pool Tank 1	800Ramona Carbone	TSE/BSE certificate out of date for Level switch L111	□Ramona Carbone	Bilfinger	0
422	R481 - Harvest Pool Tank 1	800Ramona Carbone	Material certification pages are missing for level switch L401 (page 2 and 3 missing)	□Ramona Carbone	Bilfinger	0
423	R481 - Harvest Pool Tank 1	800Ramona Carbone	Sight glass on nozzle N4 is missing	□Ramona Carbone	Bilfinger	0
424	R481 - Harvest Pool Tank 1	800Ramona Carbone	SAT protocol missing	□Ramona Carbone	Bilfinger	0
425	R481 - Harvest Pool Tank 1	800Ramona Carbone	R481 Operating and Maintenance Instruction manuals in French are missing	□Ramona Carbone	Bilfinger	0

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Number 426 427	System R481 - Harvest Pool Tank 1 R481 - Harvest Pool Tank 1		Description Packing list is missing PG is not planning to release Noise Level Measurement certificate and Vibration level measurement certificate for the system (not only vessel related)	Responsible Ramona Carbone Ramona Carbone	Supplier Bilfinger Bilfinger	Status 0 0
428	R481 - Harvest Pool Tank 1	800 R amona Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector; deviations have been accepted, considering also that the leveling measurement for vessels was not defined for FATx000D_ Morever the ingold ports' slopes measured during FAT are not the final values since the vessels have to be installed on site in its final position.		Bilfinger	0
429	R118 - Media Preparation T	ankR 25000 ba Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector; deviations have been accepted, considering also that the leveling measurement for vessels was not defined for FATx000D_ Morever the ingold ports' slopes measured during FAT are not the final values since the vessels have to be installed on site in its final position.		Bilfinger	0

			PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:57			
Number	System	Author	Description	Responsible	Supplier	Status
430	R152 - Media Preparation T	ank Rannon la Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final position.			
431	C413 - Seed Bioreactor 90L	□ Ramona Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final position.			
432	C423 - Seed Bioreactor 450)L □Ramona Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			

vessels have to be installed on site in its final position.

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Number	System	Author	Description	Responsible	Supplier	Status
433	C433 - Seed Bioreactor 250	0I□Ramona Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final positionx000D_			
			In addition, since the Vessel welding inspection checklist was not in place at the			
			execution of the FAT, slopes and tolerances of the ports were only spot-checked.			
434	C446 - Bioreactor 15000L	□Ramona Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final positionx000D_			
			In addition, since the Vessel welding inspection checklist was not in place at the			

execution of the FAT, slopes and tolerances of the ports were only spot-checked.

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			PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:57			
Number	System	Author	Description	Responsible	Supplier	Status
435	C447 - Bioreactor 15000L	□Ramona Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final position.			
436	R480 - Intermediate Pool Ta	ank 52000 bna Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final position.			
437	R481 - Harvest Pool Tank 1	800Ramona Carbone	Diptube and sprayballs missing. Sprayball must be a copy of final configuration of	□Ramona Carbone	Bilfinger	0
			parent vessel R211.			

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Number	System	Author	Description	Responsible	Supplier	Status
438	R206 - Buffer Preparation T	ank Ranoon la Carbone	Nameplate missing	□Ramona Carbone	Bilfinger	0
439	R206 - Buffer Preparation T	ank Ranoon la Carbone	Agitator and load cells not installed, no check done	□Ramona Carbone	Bilfinger	0
440	R206 - Buffer Preparation T	ank Ranoon la Carbone	Welding log. Weld #135 - PT NDT is 0% instead of 10%	□Ramona Carbone	Bilfinger	0
441	R206 - Buffer Preparation T	ank Ranoon la Carbone	Welding log. Weld #150 - RT NDT - This weld doesn't appear in the RT report	□Ramona Carbone	Bilfinger	0
442	R206 - Buffer Preparation T	์ank ศิลิตินิต ์เล Carbone	Degree of ingold ports not aligned for the following nozzles: N73 (pH probe); N75 & N76 (conductivity probes); N86 (sample).	□Ramona Carbone	Bilfinger	0
443	R206 - Buffer Preparation T	์ank ศิลิติติต ์ Carbone	Earthing lugs not found	□Ramona Carbone	Bilfinger	0
444	R206 - Buffer Preparation T	ank Randol a Carbone	Nuts of sightglass damaged.	□Ramona Carbone	Bilfinger	0
445	R206 - Buffer Preparation T	ank ศิลิติติต Carbone	Studs (goujon) too shorts on some nozzles	□Ramona Carbone	Bilfinger	0
446	R206 - Buffer Preparation T	ank ศิลิติติต Carbone	Vessel drawing is not in 'As built' revision	□Ramona Carbone	Bilfinger	0
447	R206 - Buffer Preparation T	ank ศิลิติติต ์ Carbone	Manufacturer's name plate is not available in the DOE	□Ramona Carbone	Bilfinger	0
448	R206 - Buffer Preparation T	ank ศิลิติติต Carbone	Insulation documents are not available	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
449	R206 - Buffer Preparation T	ank Rancol a Carbone	Spray ball and diptubes documents are missing	□Ramona Carbone	Bilfinger	0
450	R206 - Buffer Preparation T	ank Randon a Carbone	Material certificate list: drawing number missing for items 17 et N10 Item 6: Ht No.	□Ramona Carbone	Bilfinger	0
			521867 instead of 0521867.			
451	R206 - Buffer Preparation T	ank Randon a Carbone	Material certificate list, filler metal cert. 15-237, heat number: PV54000H9NA0 instead	□Ramona Carbone	Bilfinger	0
			of PV54000H9NA. Cert. 15B20, material: T19 12 3 L RC/M3 instead of T 19 3 LRM/C3			
452	R206 - Buffer Preparation T	ank Rancol a Carbone	Material certificate of gaskets are missing	□Ramona Carbone	Bilfinger	0
453	R206 - Buffer Preparation T	ank Rancol a Carbone	Welding log, weld #135 - PQR certificates are different between WPS and list	□Ramona Carbone	Bilfinger	0
454	R206 - Buffer Preparation T	ank Rancol a Carbone	Welding log, weld #151 and 310 are not in the welds mapping	□Ramona Carbone	Bilfinger	0
455	R206 - Buffer Preparation T	ank Rancol a Carbone	WPS #D190 is missing	□Ramona Carbone	Bilfinger	0
456	R206 - Buffer Preparation T	ank Rancol a Carbone	Accessory welding documents are missing	□Ramona Carbone	Bilfinger	0
457	R206 - Buffer Preparation T	ank Rancol a Carbone	Test drainability not performed accoording to the family approach agreed (test	□Ramona Carbone	Bilfinger	0
			performed on R211)			

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Number	System	Author	Description	Responsible	Supplier	Status
458	R206 - Buffer Preparation T	ank ศิลิติติต Carbone	Degreasing/passivation certificate is missing	□Ramona Carbone	Bilfinger	0
459	R206 - Buffer Preparation T	ank ମିଥାଉଡ଼ା a Carbone	Flushing / drying procedure and certificates are missing	□Ramona Carbone	Bilfinger	0
460	R206 - Buffer Preparation T	ank ମିଥଉଡ଼ା a Carbone	Calibration cert. roughnessmeter is missing	□Ramona Carbone	Bilfinger	0
461	R206 - Buffer Preparation T	ank ମିଥଉଡ଼ା a Carbone	Notified Body's CE attestation is missingx000D_	□Ramona Carbone	Bilfinger	0
			This point is not blocking the MC. It's conditionally accepted by NVS management.			
462	R206 - Buffer Preparation T	ank Randol a Carbone	CE confirmity from BLF is missingx000D_	□Ramona Carbone	Bilfinger	0
			This point is not blocking the MC. It's conditionally accepted.			
463	R206 - Buffer Preparation T	ank ମିଥଉଡ଼ା a Carbone	Maintenance log is missing	□Ramona Carbone	Bilfinger	0
464	R206 - Buffer Preparation T	ank ମିଥଉଡ଼ା a Carbone	Notified Body's design examination is missing	□Ramona Carbone	Bilfinger	0
465	R206 - Buffer Preparation T	ank ศิลิติติต Carbone	The following components are not installed: V503 - P101 - A1 - W101 - X111 - Y811 &	□Ramona Carbone	Bilfinger	0
			G811 - L111 - P102 - X101 - T101, Q101. Only fitting, correct Supplier/Model/Type			
			have been checked.			

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Number 466	System R206 - Buffer Preparation T	Author ankRമത്തിa Carbone	Description The following components are missing: P111, Q101, diptube and sprayballs (3).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
467 468 469	R206 - Buffer Preparation T R206 - Buffer Preparation T R206 - Buffer Preparation T	ank ศิสติติต ์เล Carbone	All tank nozzles and valves are not tagged Gaskets are all installed but some are damaged. Weldings information (heat number,) missing on the isometrics. Weld position not checked because diptube and sprayballs missing.	□Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger	0 0 0
470	R206 - Buffer Preparation T	ank ศิลิทิฒิเ a Carbone	Line number wrong on ISO 50-BUFFER-EG16N40-R206-008 (bottom valve ISO) and line not tagged	□Ramona Carbone	Bilfinger	0
471 472	R206 - Buffer Preparation T		Tag of light missing on P&ID Test functioning of agitator not performed because agitator not installed.	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
473	R206 - Buffer Preparation T	ank ศิลิติติต Carbone	Test sprayball coverage test not performed according to the family approach agreed (test performed on R211)	□Ramona Carbone	Bilfinger	0

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Number 474	System R206 - Buffer Preparation Ta	Author ankମି ଣଡିଡୋ a Carbone	Description Tolerance on diameter of ingold plugs not checked because final components not installed (sampling, conductivity,)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
475	R206 - Buffer Preparation Ta	ank Ra‱ a Carbone	Ingold ports: actual measured values not according to values on the drawing.	□Ramona Carbone	Bilfinger	0
476	R206 - Buffer Preparation Ta	ank Ra‱ a Carbone	Welding log. Weld #135 - PQR cert. Are different between WPS and list	□Ramona Carbone	Bilfinger	0
477	R206 - Buffer Preparation Ta	ank Ramoon a Carbone	Welds 406A to 406D - No welders and no filler metal heat number in the weld log.	□Ramona Carbone	Bilfinger	0
478	R206 - Buffer Preparation Ta	ank ମ୍ବିଶ୍ରଉପରୀ a Carbone	N50 Jacket pipe to be cut to install the tank in the final position through the penetration hole realized.	□Ramona Carbone	Bilfinger	0
479	R206 - Buffer Preparation Ta	ankR ao oola Carbone	Wrong sprayball indicated on P&ID	□Ramona Carbone	Bilfinger	0
480	R206 - Buffer Preparation Ta	ank R<i>a</i>0000 Ia Carbone	Construction drawing to be updated with modifications done (exchange and positioning of sprayball and ingold ports).	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
481	R206 - Buffer Preparation T	Tank R2000 la Carbone	Leak pressure test not performed	□Ramona Carbone	Bilfinger	0
482	R206 - Buffer Preparation T	Tank ศิลิติติต ์ Carbone	Calculation note for agitator o'ring 10 mm missing	□Ramona Carbone	Bilfinger	0
483	R206 - Buffer Preparation T	Tank R2000 la Carbone	V401 bottom valve: sratches on the contact side	□Ramona Carbone	Bilfinger	0
484	R206 - Buffer Preparation T	Tank R2000 la Carbone	Sprayball datasheet wrong	□Ramona Carbone	Bilfinger	0
485	R206 - Buffer Preparation T	Tank R2000 la Carbone	Internal part of sprayballs is electropolished but not brilliant	□Ramona Carbone	Bilfinger	0
486	R211 - Buffer Preparation T	「ank Ranoon la Carbone	Nameplate missing	□Ramona Carbone	Bilfinger	0
487	R211 - Buffer Preparation T	「ank Ranoon la Carbone	Agitator and load cells not installed, no check done	□Ramona Carbone	Bilfinger	0
488	R211 - Buffer Preparation T	「ank Ranoon la Carbone	Sprayball tubes and diptube are not electropolished outside (inside of the tank)	□Ramona Carbone	Bilfinger	0
			because the welds are not complete			
489	R211 - Buffer Preparation T	「ank Ranoon la Carbone	Position for correct installation of sprayball tubes not indicated on tank nozzles	□Ramona Carbone	Bilfinger	0
490	R211 - Buffer Preparation T	「ank Ranoon la Carbone	Degree of ingold ports not aligned for the following nozzles: N73 (pH probe); N76	□Ramona Carbone	Bilfinger	0
			(conductivity probes); N86 (sample); N91 (spare).			

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Number	System	Author	Description	Responsible	Supplier	Status
491	R211 - Buffer Preparation	Tank Rancol a Carbone	Earthing lugs not found	□Ramona Carbone	Bilfinger	0
492	R211 - Buffer Preparation	Tank Randon a Carbone	Nuts of sightglass damaged (just visual defect, no effect on functionality and no safety	□Ramona Carbone	Bilfinger	0
			issue).			
493	R211 - Buffer Preparation	Tank ศิลิติติต Carbone	Studs (goujon) too shorts on some nozzles	□Ramona Carbone	Bilfinger	0
494	R211 - Buffer Preparation	Tank R20000l a Carbone	Vessel drawing is not in 'As built' revision	□Ramona Carbone	Bilfinger	0
495	R211 - Buffer Preparation	Tank ศิลิติติต ์ Carbone	Manufacturer's name plate is not available in the DOE	□Ramona Carbone	Bilfinger	0
496	R211 - Buffer Preparation	Tank R20000l a Carbone	Insulation documents are not available	□Ramona Carbone	Bilfinger	0
497	R211 - Buffer Preparation	Tank R20000 la Carbone	Spray ball and diptubes documents are missing	□Ramona Carbone	Bilfinger	0
498	R211 - Buffer Preparation	Tank ମି 2000 0 a Carbone	Material certificate list, items 6, Ht No. 521867 instead of 0521867	□Ramona Carbone	Bilfinger	0
499	R211 - Buffer Preparation	Tank ମ୍ବ2000ା a Carbone	Material certificate list, filler metal cert. 15-237, heat number: PV54000H9NA0 instead	□Ramona Carbone	Bilfinger	0
			of PV54000H9NA			

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Number	System R211 - Buffer Preparation T	Author	Description Material certificate of gaskets are missing	Responsible Ramona Carbone	Supplier Bilfinger	Status
501	R211 - Buffer Preparation T		Welding log, weld #135 - PQR 05 005 W226 02 instead of 05 005 W226 01 and 14-0106WD1205/001 instead of 01 202 F/S 73006825/10		Bilfinger	0
502	R211 - Buffer Preparation T	ank ศิลิติติต ์เล Carbone	Calculation note - PED 97/23/CE instead of 2014/68/CE and MAWT = $10/160^{\circ}$ C instead of $0/160^{\circ}$ C	□Ramona Carbone	Bilfinger	0
503	R211 - Buffer Preparation T	ankR anoo la Carbone	Welds 406A to 406D - No welder an no Ht No. On the Welding Log	□Ramona Carbone	Bilfinger	0
504	R211 - Buffer Preparation T	ank ศิสติติต Carbone	Welding Log - weld #310 - WPS 190 and PQR EN-SE-13-0277 are missing	□Ramona Carbone	Bilfinger	0
505	R211 - Buffer Preparation T	ank ศิลิติติต Carbone	Sprayball and diptubes documents missing	□Ramona Carbone	Bilfinger	0
506	R211 - Buffer Preparation T	ank Ranool a Carbone	Degreasing/passivation certificate is missing	□Ramona Carbone	Bilfinger	0
507	R211 - Buffer Preparation T	ank ศิลิติติต ์ Carbone	Flushing / drying procedure and certificates are missing	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
508	R211 - Buffer Preparation T	Tank ศิลิติติต ์ Carbone	Calibration cert. roughnessmeter is missing	□Ramona Carbone	Bilfinger	0
509	R211 - Buffer Preparation T	Tank ศิลิติติต ์ Carbone	Notified Body's attestation is missingx000D_	□Ramona Carbone	Bilfinger	0
			This point is not blocking the MC. It's conditionally accepted by NVS management.			
510	R211 - Buffer Preparation T	Tank Raงิฒิเ a Carbone	CE confirmity from BLF is missing_x000D_	□Ramona Carbone	Bilfinger	0
			This point is not blocking the MC. It's conditionally accepted by NVS management.			
511	R211 - Buffer Preparation T	Tank ศิลติดต ์เล Carbone	Maintenance log is missing	□Ramona Carbone	Bilfinger	0
512	R211 - Buffer Preparation T	Tank ମିଥର୍ଡ୍ଡୋ a Carbone	Notified Body's design examination is missing	□Ramona Carbone	Bilfinger	0
513	R211 - Buffer Preparation T	Tank ศิลิติติต ์ Carbone	The following components are not installed: V503 - P101 - A1 - W101 - X111 - Y811 &	□Ramona Carbone	Bilfinger	0
			G811 - L111 - P102 - X101 - T101. Only fitting, correct Supplier/Model/Type have been			
			checked.			
514	R211 - Buffer Preparation T	Tank ମିଥର୍ଡ୍ଡୋ a Carbone	The following components are missing: P111.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
515	R211 - Buffer Preparation	Tank R20000l a Carbone	All tank nozzles and valves are not tagged	□Ramona Carbone	Bilfinger	0
516	R211 - Buffer Preparation	Tank R20000l a Carbone	Gaskets are all installed but some are damaged.	□Ramona Carbone	Bilfinger	0
517	R211 - Buffer Preparation	Tank R20000l a Carbone	Weldings information (heat number,) missing on the isometrics. Weld position not	□Ramona Carbone	Bilfinger	0
			checked because diptube and sprayballs not completed			
518	R211 - Buffer Preparation	Tank R20000l a Carbone	Line of outlet valve not tagged	□Ramona Carbone	Bilfinger	0
519	R211 - Buffer Preparation	Tank R20000l a Carbone	Tag of light missing on P&ID	□Ramona Carbone	Bilfinger	0
520	R211 - Buffer Preparation	Tank R20000l a Carbone	Test functioning of agitator not performed because agitator not installed.	□Ramona Carbone	Bilfinger	0
521	R211 - Buffer Preparation	Tank ମି 2000 0 Carbone	Test vessel level strapping not performed according to the family approach agreed	□Ramona Carbone	Bilfinger	0
			(test performed on R206)			
522	R211 - Buffer Preparation	Tank R20000l a Carbone	Tolerance on diameter of ingold plugs not checked because final components not	□Ramona Carbone	Bilfinger	0
			installed (sampling, conductivity,)			

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Number 523	System R211 - Buffer Preparation Tani	Author ikR മ തത്തിa Carbone	Description Ingold ports: actual measured values not according to values on the drawing.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
524 525 526	R211 - Buffer Preparation Tani R211 - Buffer Preparation Tani R211 - Buffer Preparation Tani	ik Ranno la Carbone	Try N°4: sprayball on nozzles N38 and N39 have been swapped. Leak pressure test not performed N50 Jacket pipe to be cut to install the tank in the final position through the penetration hole realized.	□Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger	0 0 0
527 528	R211 - Buffer Preparation Tani		Wrong sprayball indicated on P&ID Construction drawing to be updated with modifications done (exchange and positioning of sprayball and ingold ports).	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
529 530 531	R211 - Buffer Preparation Tan R211 - Buffer Preparation Tan R211 - Buffer Preparation Tan	ik Ranno la Carbone	Sprayball datasheet to be updated Calculation note for agitator o'ring 10 mm missing TGBT 340.9.38/D.001 - manque Certificat CE	□Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger	0 0 0

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Number	System Aut	hor	Description	Responsible	Supplier	Status
532	ELEC-Normal - Electrical (Normal	nDoistail@alidoro)ne	TGBT	□Ramona Carbone	Bilfinger	0
533	ELEC-Normal - Electrical (Normal	nDoistail@alidoro)ne	TGBT	□Ramona Carbone	Bilfinger	0
534	ELEC-Normal - Electrical (Normal	nDoistail@alidoro)ne	TDHQ	□Ramona Carbone	Bilfinger	0
535	R480 - Intermediate Pool Tank 5020	ერებიa Carbone	IV - Component Datasheet IV execution (WIN004 Section 2.5) was not completed for	□Ramona Carbone	Bilfinger	0
			the system.			
536	R480 - Intermediate Pool Tankି ଅ ଲେ	∂nOndana Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
537	R480 - Intermediate Pool Tankି ର ଥି	მიზი Carbone	IV - Pressure Testing IV execution WIN005 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
538	R480 - Intermediate Pool Tank ର ଥା	ერტიa Carbone	IV - Cleaning / Passivation Testing IV execution WIN005 Section 2.5 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0

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Number 539	System R480 - Intermediate Pool Ta	Author inki 5/2000 ona Carbone	Description IV - Material Certification Review IV execution WIN005 Section 2.9 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
540	R480 - Intermediate Pool Ta	nk. 572000 ona Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed for the Instruments on the vessel.	□Ramona Carbone	Bilfinger	0
541	F480 - Clarification Skid	□Ramona Carbone	IV - Component Datasheet IV execution (WIN004 Section 2.5) was not completed for the system.	□Ramona Carbone	Bilfinger	0
542	F480 - Clarification Skid	□Ramona Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
543	F480 - Clarification Skid	□Ramona Carbone	IV - Pressure Testing IV execution WIN005 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0

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Number 544	System F480 - Clarification Skid	Author □Ramona Carbone	Description IV - Cleaning / Passivation Testing IV execution WIN005 Section 2.5 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
545	F480 - Clarification Skid	□Ramona Carbone	IV - Material Certification Review IV execution WIN005 Section 2.9 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
546	F480 - Clarification Skid	□Ramona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
547	C446 - Bioreactor 15000L	□Ramona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
548	C447 - Bioreactor 15000L	□Ramona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0

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Number 549	System R481 - Harvest Pool Tank 1	Author 800Ramona Carbone	Description IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
550	C413 - Seed Bioreactor 90L	₋ □Ramona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
551	C423 - Seed Bioreactor 450	DL □Ramona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
552	C433 - Seed Bioreactor 250	00⊡Ramona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
553	R118 - Media Preparation T	¯ank F25i0io ba Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0

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Number 554	System R152 - Media Preparation T	Author ankR ଈଉଉଉ Carbone	Description IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
555	R480 - Intermediate Pool Ta	anki 502000b na Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
556	F480 - Clarification Skid	□Ramona Carbone	All Instrument according to P&ID are not_x000D_ installed on vessels.	□Ramona Carbone	Bilfinger	0
557	C446 - Bioreactor 15000L	□Ramona Carbone	All Instrument according to P&ID are not_x000D_ installed on vessels.	□Ramona Carbone	Bilfinger	0
558	C447 - Bioreactor 15000L	□Ramona Carbone	C-446 – N22 (25.050) and N33(25.045)_x000D_ Internal diameter is over the tolerancex000D_ (25.020)_x000D_ PG highlight that hydraulic test has been_x000D_ performed with the plug in place even if_x000D_ this specific ports are out of tolerance.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
559	C446 - Bioreactor 15000L	□Ramona Carbone	C-447 – N20 (25.035), N21(25.030) and_x000D_	□Ramona Carbone	Bilfinger	0
			N23(25.035)_x000D_			
			Internal diameter is over the tolerancex000D_			
			(25.020)_x000D_			
			PG highlight that hydraulic test has been_x000D_			
			performed with the plug in place even if_x000D_			
			this specific ports are out of tolerance.			
560	C447 - Bioreactor 15000L	□Ramona Carbone	Clips to be changed on_x000D_□sparger nozzles.	□Ramona Carbone	Bilfinger	0
561	C446 - Bioreactor 15000L	□Ramona Carbone	Clips to be changed on sparger nozzles.	□Ramona Carbone	Bilfinger	0
562	C447 - Bioreactor 15000L	□Ramona Carbone	Port tags are missing	□Ramona Carbone	Bilfinger	0
563	C446 - Bioreactor 15000L	□Ramona Carbone	Port tags are missing	□Ramona Carbone	Bilfinger	0
564	C447 - Bioreactor 15000L	□Ramona Carbone	Coverage test failed also after modifications implemented _x000D_	□Ramona Carbone	Bilfinger	0
			on cleaning device. Riboflavin residuals remain below baffles supports			

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Number 565	System C446 - Bioreactor 15000L	Author Ramona Carbone	Description Coverage test failed also after modifications implemented _x000D_ on cleaning device. Riboflavin residuals remain below baffles supports	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
566 567 568	C447 - Bioreactor 15000L C446 - Bioreactor 15000L C447 - Bioreactor 15000L	□Ramona Carbone □Ramona Carbone □Ramona Carbone	Load cells and earth_x000D_□connection not installed for FAT Load cells and earth_x000D_□connection not installed for FAT Agitator Mechanical seal was noisy during the test. (C-446 was less noisy than C-447)x000D_ PG explained that we did the test with 0.5 barg in the mechanical seal, which is not enough for a proper functionality. (No seal pot and no sterilization available for		Bilfinger Bilfinger Bilfinger	0 0 0
569	C446 - Bioreactor 15000L	□Ramona Carbone	Agitator Mechanical seal was noisy during the test. (C-446 was less noisy than C-447). PG explained that we did the test with 0.5 barg in the mechanical seal, which is not enough for a proper functionality. (No seal pot and no sterilisation available for FAT test)		Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
570	C447 - Bioreactor 15000L	□Ramona Carbone	EC final inspection_x000D_	□Ramona Carbone	Bilfinger	0
			certificate by notified body missing in the_x000D_			
			documentation			
571	C446 - Bioreactor 15000L	□Ramona Carbone	EC final inspection_x000D_	□Ramona Carbone	Bilfinger	0
			certificate by notified body missing in the_x000D_			
			documentation			
572	C447 - Bioreactor 15000L	□Ramona Carbone	Deviation list is listing commercial changes_x000D_	□Ramona Carbone	Bilfinger	0
			since the beginning of the projectx000D_			
			NVS/JE expectation is a deviation list_x000D_			
			according to technical relevant deviationx000D_			
			(For example: From mechanical Standard)			

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PRULUGGE	R PUNCHL	IST REPORT	ZUZU-UZ-U 3	14:05:57

Number 573	System C446 - Bioreactor 15000L	Author Ramona Carbone	Description Deviation list is listing commercial changes_x000D_ since the beginning of the projectx000D_ NVS/JE expectation is a deviation list_x000D_ according to technical relevant deviationx000D_ (For example: From mechanical Standard)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
574	C447 - Bioreactor 15000L	□Ramona Carbone	Instrument datasheet and maintenance_x000D_ documentation missing	□Ramona Carbone	Bilfinger	0
575	C446 - Bioreactor 15000L	□Ramona Carbone	Instrument datasheet and maintenance_x000D_ documentation missing	□Ramona Carbone	Bilfinger	0
576 577	C447 - Bioreactor 15000L C446 - Bioreactor 15000L	□Ramona Carbone □Ramona Carbone	Operating file is missing Operating file is missing	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0 0

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Number	System	Author	Description	Responsible	Supplier	Status
578	C447 - Bioreactor 15000L	□Ramona Carbone	Calibration certificates of instruments are missing	□Ramona Carbone	Bilfinger	0
579	C446 - Bioreactor 15000L	□Ramona Carbone	Calibration certificates of instruments are missing	□Ramona Carbone	Bilfinger	0
580	C447 - Bioreactor 15000L	□Ramona Carbone	Inspection certificates of instruments are missing	□Ramona Carbone	Bilfinger	0
581	C446 - Bioreactor 15000L	□Ramona Carbone	Inspection certificates of instruments are missing	□Ramona Carbone	Bilfinger	0
582	C447 - Bioreactor 15000L	□Ramona Carbone	Instruments documentation check_x000D_	□Ramona Carbone	Bilfinger	0
			according to VDR requirement was not_x000D_			
			performed.			
583	C446 - Bioreactor 15000L	□Ramona Carbone	Instruments documentation check_x000D_	□Ramona Carbone	Bilfinger	0
			according to VDR requirement was not_x000D_			
			performed.			
584	C447 - Bioreactor 15000L	□Ramona Carbone	Slope of Ingold N23 (18°) and N25 (19°) of C446 is deviating from the value of the	□Ramona Carbone	Bilfinger	0
			construction drawing (20°)x000D_			
			Possible impact on probe correct functionality to be checkedx000D_			
			With reference to Muendges email dated 12-Jul-2017 08:05, functionality of the probes			
			(DO) are not impacted by the slope deviation.			

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Number	System	Author	Description	Responsible	Supplier	Status
585	C446 - Bioreactor 15000L	□Ramona Carbone	From the construction drawings and x000D_	□Ramona Carbone	Bilfinger	0
			welding report it is not possible to identify_x000D_			
			the completeness of the welding inspection_x000D_			
			tests performed.			
586	C446 - Bioreactor 15000L	□Ramona Carbone	From the construction drawings and x000D_	□Ramona Carbone	Bilfinger	0
			welding report it is not possible to identify_x000D_			
			the completeness of the welding inspection_x000D_			
			tests performed.			
587	C447 - Bioreactor 15000L	□Ramona Carbone	With reference to FAT NC 20 (agitator angle not according _x000D_	□Ramona Carbone	Bilfinger	0
			to construction drawing)			
588	C446 - Bioreactor 15000L	□Ramona Carbone	With reference to FAT NC 20 (agitator angle not according _x000D_	□Ramona Carbone	Bilfinger	0
			to construction drawing)			

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Number 589	System C447 - Bioreactor 15000L	Author □Ramona Carbone	Description Coverage tests (RUN1 during FAT) and_x000D_ RUN2 were performed with blind caps_x000D_ installed on the all the nozzles except the_x000D_ two "J" tubes that were installed. Compete_x000D_	Responsible □Ramona Carbone	Supplier Bilfinger	Status 0
590	C446 - Bioreactor 15000L	□Ramona Carbone	agitator was also installed Coverage tests (RUN1 during FAT) and_x000D_ RUN2 were performed with blind caps_x000D_ installed on the all the nozzles except the_x000D_ two "J" tubes that were installed. Compete_x000D_ agitator was also installed	□Ramona Carbone	Bilfinger	0
591	C447 - Bioreactor 15000L	□Ramona Carbone	Leak test was not executed since not part_x000D_ of FAT scope	□Ramona Carbone	Bilfinger	0

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Number	System C446 - Bioreactor 15000L	Author	Description Leak test was not executed since not part of FAT scope	Responsible Ramona Carbone	Supplier Bilfinger	Status
593	C447 - Bioreactor 15000L	Ramona Carbone	During test of the agitator only the rotation was checked. The rotation was not measured according to required ranges		Bilfinger	0
594	C446 - Bioreactor 15000L	□Ramona Carbone	During test of the agitator only the rotation was checked. The rotation was not measured according to required ranges	□Ramona Carbone	Bilfinger	0
595	C447 - Bioreactor 15000L	□Ramona Carbone	With reference to FAT NC 20 (agitator angle not according to construction drawing)	□Ramona Carbone	Bilfinger	0
596	C446 - Bioreactor 15000L	□Ramona Carbone	With reference to FAT NC 20 (agitator angle not according to construction drawing)	□Ramona Carbone	Bilfinger	0
597	C447 - Bioreactor 15000L	□Ramona Carbone	Some data in the costruction drawing are not correct	□Ramona Carbone	Bilfinger	0
598	R118 - Media Preparation Ta	ank R25000 na Carbone	Rupture disk is not installed on nozzle N13	□Ramona Carbone	Bilfinger	0
599	R118 - Media Preparation Ta	ankR 25000 ba Carbone	pH probe not installed on port N31	□Ramona Carbone	Bilfinger	0

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Number 600 601	System R118 - Media Preparation TR118 - Media Preparation T		Description Temperature probe not installed on thermowell N33 Holes for welding gases escape of lugs are on the top part of the _x000D_ lugs instead of the bottom part	Responsible Ramona Carbone Ramona Carbone	Supplier Bilfinger Bilfinger	Status 0 0
602	R118 - Media Preparation T	Րank R2₅i00o ba Carbone	Nozzle tags are missing according to P&ID and Construction drawing	□Ramona Carbone	Bilfinger	0
603 604	R118 - Media Preparation T		Earthing connection is not installed Studs on flanges for acessories / blind flange fixation are too short (on top and on side of the vessel)	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
605 606	R118 - Media Preparation T		Leak test was not executed since not part of FAT scope Accessories of the vessel (Cleaning devices) are not electropolished internally and externally	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0

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Number 607	System R118 - Media Preparation Ta	Author ankF 25000 ba Carbone	Description Roughness measurements of internal and external surfaces of accessories are not executed in PG's internal tests	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
608	R118 - Media Preparation Ta	ank R25000 ba Carbone	EC design approval certificate of vessel delivered by Notified Body is missing	□Ramona Carbone	Bilfinger	0
609	R118 - Media Preparation Ta	ank R25000 ba Carbone	EC final inspection certificate of vessel delivered by Notified Body is missing	□Ramona Carbone	Bilfinger	0
610	R118 - Media Preparation Ta	ankR 25000 ba Carbone	EC conformity declaration of vessel delivered by Pierre Guerin SAS is missing	□Ramona Carbone	Bilfinger	0
611	R118 - Media Preparation Ta	ank P25000 ba Carbone	The magnetic agitator goes out of the magnetic coupling during rotation at high speed (around 40% of max speed)	□Ramona Carbone	Bilfinger	0
612	R118 - Media Preparation Ta	ank F25000 ba Carbone	The test for agitator rotation is executed at low speed only to verify that the direction of the rotation is according to designx000D_ It is not executed at the rotation speed requested by the URS.	□Ramona Carbone	Bilfinger	0

Number 613	System R118 - Media Preparation Ta	Author ankR256000ba Carbone	Description FDA + TSE/BSE certificate for item 22.3 (Burkert silicone diaphragm) not present	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
614	R118 - Media Preparation Ta	ank R25000 ba Carbone	Ingold ports N31 and N32 not conform in terms of slope _x000D_ (N31 = 16.35°; N32 = - 0.7°)x000D_ Requirement for N31 = 20° and N32 = 0°.	□Ramona Carbone	Bilfinger	0
615	R118 - Media Preparation Ta	ank R25i00o ba Carbone	Some data in the costruction drawing are not correct	□Ramona Carbone	Bilfinger	0
616	R152 - Media Preparation Ta	ank Rannoni a Carbone	Sight glass is not installed	□Ramona Carbone	Bilfinger	0
617	R152 - Media Preparation Ta	ank Rannon la Carbone	Rupture disk is not installed on nozzle N13	□Ramona Carbone	Bilfinger	0
618	R152 - Media Preparation Ta	ank Rannon la Carbone	Pressure indicator not installed on nozzle N16	□Ramona Carbone	Bilfinger	0
619	R152 - Media Preparation Ta	ank Raดิดิดิ	Earthing connection is not installed	□Ramona Carbone	Bilfinger	0
620	R152 - Media Preparation Ta	ank Raดิดิดิ	Temperature probe not installed on thermowell N33	□Ramona Carbone	Bilfinger	0
621	R152 - Media Preparation Ta	ank Raดิดิดิ	pH probe not installed on port N31	□Ramona Carbone	Bilfinger	0
622	R152 - Media Preparation Ta	ank ศิลติดด ์la Carbone	Nozzles tag are missing according to P&ID and Construction drawing	□Ramona Carbone	Bilfinger	0

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Number 623	System R152 - Media Preparation T	Author Fank ମିଈଡାଉଡା a Carbone	Description Studs on flanges for acessories / blind flange fixation are too short (on top and on side of the vessel)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
624	R152 - Media Preparation T	Tank ମଣ୍ଡୀ000nla Carbone	Screws for brackets fixation are too short and in general some screws are missing on the platform structure_x000D_ (PG states that some of them are temporary)	□Ramona Carbone	Bilfinger	0
625	R152 - Media Preparation T	「ank ศิฌิติดิดิ la Carbone	Several scratches and corrosion points are present on platform structure	□Ramona Carbone	Bilfinger	0
626	R152 - Media Preparation T	Tank ମଣ୍ଡାଉଡା a Carbone	Several scratches are present on manhole surface of gasket	□Ramona Carbone	Bilfinger	0
627	R152 - Media Preparation T	「ank Ranoool a Carbone	Leak test was not executed since not part of FAT scope	□Ramona Carbone	Bilfinger	0
628	R152 - Media Preparation T	「ank ମିଶାଡିଡିଡା a Carbone	Accessories of the vessel (Cleaning devices) are not electropolished internally and externally	□Ramona Carbone	Bilfinger	0

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Number 629	System R152 - Media Preparation T	Author ankR ଈଉଉଉ Carbone	Description Roughness measurements of internal and external surfaces of accessories are not executed in PG's internal tests	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
630	R152 - Media Preparation T	ank ศิลติดิดิเ a Carbone	EC design approval certificate of vessel delivered by Notified Body is missing	□Ramona Carbone	Bilfinger	0
631	R152 - Media Preparation T	ank Raติดด ใส Carbone	EC final inspection certificate of vessel delivered by Notified Body is missing	□Ramona Carbone	Bilfinger	0
632	R152 - Media Preparation T	ank Raทิดิด โล Carbone	EC conformity declaration of vessel delivered by Pierre Guerin SAS is missing	□Ramona Carbone	Bilfinger	0
633	R152 - Media Preparation T	ank ମ୍ବିୟାଡାଉଡା a Carbone	The agitator shaft was damaged (most probably during transportation) creating a bending of the shaft itselfx000D_ The agitator was run during Pre-FAT causing the damage of the mechanical seal.	□Ramona Carbone	Bilfinger	0
634	R152 - Media Preparation T	'ank ମ୍ଭଶ୍ରଉଉଠା a Carbone	The test for agitator rotation is executed at low speed only to verify that the direction of the rotation is according to designx000D_ It is not executed at the rotation speed requested by the URS.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
635	R152 - Media Preparation T		Ingold port N31 Plug is damages	□Ramona Carbone	Bilfinger	0
636	R152 - Media Preparation T	ankRannona Carbone	FDA and TSE/BSE certificate for item n° 22.2 (o-ring) is not acceptable because it has	□Ramona Carbone	Bilfinger	0
			been hand-marked			
627	D152 Madia Propagation T	ant Floored Carbons	During vessel inspection irregularity (the motel decent appear amouth) on the internal	□Domono Corbono	Dilfinger	0
637	R152 - Media Preparation T	ankrianinonia Carbone	During vessel inspection irregularity (the metal doesn't appear smooth) on the internal	Ramona Carbone	Bilfinger	0
			surface of vessel bottom was observed			
638	R152 - Media Preparation T	็ลท่∤ ฝึฦฅดิด โล Carbone	Discoloration present on the CIP line	□Ramona Carbone	Bilfinger	0
639	R118 - Media Preparation T		Discoloration present on the CIP line	□Ramona Carbone	Bilfinger	0
	·		·		ŭ	
640	R152 - Media Preparation T	ankHannoona Carbone	Drainability test failed due to:_x000D_	□Ramona Carbone	Bilfinger	0
			- residual liquid on top of vortex breaker (nearly fully covered)			
044	D440 Madia Dana anatian T	Court TD 500 kg o O out our o	Occupants that with Directories failed that the site floating constitution are falled	- Demons Control	Difference	0
641	R118 - Media Preparation T	ankrzannonda Carbone	Coverage test with Riboflavin failed due to riboflavin remaining on following	⊔Ramona Carbone	Bilfinger	0
			locations:_x000D_			
			- Handhole N1_x000D_			
			- Manhole N2_x000D_			
			- Nozzle N10 (spare)_x000D_			
			- Nozzle N6 (spare)_x000D_			
			- Nozzle N16 (Pressure Transm.)_x000D_			
			- Agitator_x000D_			
			x000D			
			Riboflavin residuals on agitator is acceptable because			

Number	System	Author	Description	Responsible	Supplier	Status
642	R118 - Media Preparation	TankR 25000 ba Carbone	Drainability test failed due to:_x000D_	□Ramona Carbone	Bilfinger	0
			- residual liquid on top of vortex breaker (nearly half covered)_x000D_			
			- lower and upper agitator hubs are retaining water on the top			
643	R152 - Media Preparation	Tank Rannon la Carbone	Coverage test with Riboflavin failed due to riboflavin remaining on following	g □Ramona Carbone	Bilfinger	0
			locations:_x000D_			
			- Manhole N1_x000D_			
			- Agitator flange N2_x000D_			
			- Nozzle N4 (Sight glass)_x000D_			
			- Vessel side behind the agitator shaft_x000D_			
			- Agitator impeller_x000D_			
			- Agitator shaft_x000D_			
			- Ingold port N31 (pH probe)			

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Number

644

System

Author

R152 - Media Preparation Tank Randon Carbone

Description	Responsible	Supplier	Status
Coverage test with Riboflavin failed due to riboflavin remaining on following	□Ramona Carbone	Bilfinger	0
locations:_x000D_			
- Manhole N1_x000D_			
- Agitator flanges N2 and N3_x000D_			
- Sight glass nozzle N4_x000D_			
- Sight glass with light nozzle N5_x000D_			
- Pressure indicator nozzle N9_x000D_			
- Level switch nozzle N15_x000D_			
- Pressure transmitter nozzle N16_x000D_			
- Rupture disk nozzle N13_x000D_			
- Spare nozzle N6_x000D_			
- Spare nozzle N12_x000D_			
- Gas inlet/Vent line nozzle N10_x000D_			
- Agitator shaft and blades_x000D_			
- Agitator coupling_x000D_			
- Thermowell N45_x000D_			
x000D			
Moreover, during comparison of FAT and PRE-FAT results, inconsistencies between			
the to tests were found in term of pressure/flow rate values (ref. att. 31), due to low			
accuracy of ultrasoninc flow meter.			

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Number 645 646	System R481 - Harvest Pool Tank 18 R481 - Harvest Pool Tank 18		Description Leak test was not executed since not part of FAT scope Accessories of the vessel (Cleaning devices) are not electropolished internally and externally	Responsible Ramona Carbone Ramona Carbone	Supplier Bilfinger Bilfinger	Status 0 0
647	R481 - Harvest Pool Tank 18	800 Rl amona Carbone	Roughness measurements of internal and external surfaces of accessories are not executed in PG's internal tests	□Ramona Carbone	Bilfinger	0
648	R481 - Harvest Pool Tank 18	800 R lamona Carbone	EC design approval certificate of vessel delivered by Notified Body is missing	□Ramona Carbone	Bilfinger	0
649	R481 - Harvest Pool Tank 18	800 R lamona Carbone	EC final inspection certificate of vessel delivered by Notified Body is missing	□Ramona Carbone	Bilfinger	0
650	R481 - Harvest Pool Tank 18	800 R amona Carbone	EC conformity declaration (according to Machinery and PED directives) of vessel delivered by Pierre Guerin SAS is missing	□Ramona Carbone	Bilfinger	0

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Number 651	System R481 - Harvest Pool Tank 18	Author 800Ramona Carbone	Description R481 general assembly drawing 231979 to be updated according to comments of attachment 3 of the FAT protocol	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
652	R481 - Harvest Pool Tank 18	800 R amona Carbone	Nozzle tags are missing according to P&ID and Construction drawing	□Ramona Carbone	Bilfinger	0
653 654	R481 - Harvest Pool Tank 18 R481 - Harvest Pool Tank 18		Rupture disk not installed on nozzle N13 Sampling valve not installed on nozzle N30, and missing from the warehouse	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
655 656 657 658	R481 - Harvest Pool Tank 18 R481 - Harvest Pool Tank 18 R481 - Harvest Pool Tank 18 R481 - Harvest Pool Tank 18	800Rlamona Carbone	Q101 pH probe not installed on nozzle N31 Q102 Conductivity probe not installed on nozzle N33 Temperature probe not installed on thermowell N45 Material handling lug installed on bottom flange is not present	□Ramona Carbone □Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger	0 0 0
659	R481 - Harvest Pool Tank 18	800 Rl amona Carbone	Load cells not installed	□Ramona Carbone	Bilfinger	0

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Number 660	System R481 - Harvest Pool Tank 1	Author 800Ramona Carbone	Description Studs on flanges for acessories / blind flange fixation are too short (on top of the vessel e.g. Sight glass and pressure indicator)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
661	R481 - Harvest Pool Tank 1	800 R lamona Carbone	Ingold ports N30, N31, N33 and N46 not conform in terms of slope (N30=0.3°; N31=18.65°; N33 = 18.45° ; N46 = $+0.9^\circ$)x000D_ Requirement for N31 and N33 = 20° and for N30 and N46 = 0° .	□Ramona Carbone	Bilfinger	0
662 663	R481 - Harvest Pool Tank 1 R481 - Harvest Pool Tank 1		Ingold ports thread are dirty under the cap Washer welded on horizontal Ingold ports N30 and N46 present welds not properly pickled	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
664	R481 - Harvest Pool Tank 1	800 R lamona Carbone	No lug is actually installed on agitator flange for agitator lifting and maintenance (one lug is installed on gearbox, but it is not usefull for lifting)x000D_ Current plan from Agitec is to use belts, but it is not acceptable for agitator lifting for maintenance		Bilfinger	0

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Number 665	System R481 - Harvest Pool Tank	Author 1800Ramona Carbone	Description The test for agitator rotation is executed at low speed only to verify that the direction of the rotation is according to designx000D_ It is not executed at the rotation speed requested by the URS.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
666	R481 - Harvest Pool Tank	1800 R lamona Carbone	Summary of material certificates for traceability is not fully updated	□Ramona Carbone	Bilfinger	0
667 668	R481 - Harvest Pool Tank R481 - Harvest Pool Tank		TSE/BSE certificate missing for Item 8.4 (sight glass) FDA certificate missing for item 8.5 (o-ring)	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
669 670	R481 - Harvest Pool Tank R481 - Harvest Pool Tank		TSE/BSE certificate out of date for Level switch L111 Material certification pages are missing for level switch L401 (page 2 and 3 missing)	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
671 672 673	R481 - Harvest Pool Tank R481 - Harvest Pool Tank R481 - Harvest Pool Tank	1800Ramona Carbone	Sight glass on nozzle N4 is missing SAT protocol missing R481 Operating and Maintenance Instruction manuals in French are missing	□Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger	0 0 0

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Number	System	Author	Description	Responsible	Supplier	Status
674	R481 - Harvest Pool Tank 1	800Ramona Carbone	Packing list is missing	□Ramona Carbone	Bilfinger	0
675	R481 - Harvest Pool Tank 1	800Ramona Carbone	PG is not planning to release Noise Level Measurement certificate and Vibration level	□Ramona Carbone	Bilfinger	0
			measurement certificate for the system (not only vessel related)			
676	R481 - Harvest Pool Tank 1	800Ramona Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final position.			
677	R118 - Media Preparation T	ank R2₅000 ba Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final position.			

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Number	System	Author	Description	Responsible	Supplier	Status
678	678 R152 - Media Preparation Ta	Tank Rannon Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final position.			
679	C413 - Seed Bioreactor 90l	L □Ramona Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final position.			
680	C423 - Seed Bioreactor 450	0L □Ramona Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final position.			

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Number	System	Author	Description	Responsible	Supplier	Status
681	C433 - Seed Bioreactor 250	0l□Ramona Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final positionx000D_			
			In addition, since the Vessel welding inspection checklist was not in place at the			
			execution of the FAT, slopes and tolerances of the ports were only spot-checked.			
682	C446 - Bioreactor 15000L	□Ramona Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final positionx000D_			

In addition, since the Vessel welding inspection checklist was not in place at the execution of the FAT, slopes and tolerances of the ports were only spot-checked.

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			PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:57			
Number	System	Author	Description	Responsible	Supplier	Status
683	C447 - Bioreactor 15000L	□Ramona Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final position.			
684	R480 - Intermediate Pool Ta	ank 52000 bna Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final position.			
685	R481 - Harvest Pool Tank 1	800Ramona Carbone	Diptube and sprayballs missing. Sprayball must be a copy of final configuration of	□Ramona Carbone	Bilfinger	0
			parent vessel R211.			

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Number	System	Author	Description	Responsible	Supplier	Status
686	R206 - Buffer Preparation T	ank ศิลิติติติ Carbone	Nameplate missing	□Ramona Carbone	Bilfinger	0
687	R206 - Buffer Preparation T	ank Ranoon la Carbone	Agitator and load cells not installed, no check done	□Ramona Carbone	Bilfinger	0
688	R206 - Buffer Preparation T	ank Ranoon la Carbone	Welding log. Weld #135 - PT NDT is 0% instead of 10%	□Ramona Carbone	Bilfinger	0
689	R206 - Buffer Preparation T	ank ศิลิติติต Carbone	Welding log. Weld #150 - RT NDT - This weld doesn't appear in the RT report	□Ramona Carbone	Bilfinger	0
690	R206 - Buffer Preparation T	¯ank RՁฬ۵ฬ a Carbone	Degree of ingold ports not aligned for the following nozzles: N73 (pH probe); N75 & N76 (conductivity probes); N86 (sample).	□Ramona Carbone	Bilfinger	0
691	R206 - Buffer Preparation T	ank Rancol a Carbone	Earthing lugs not found	□Ramona Carbone	Bilfinger	0
692	R206 - Buffer Preparation T	ank Randol a Carbone	Nuts of sightglass damaged.	□Ramona Carbone	Bilfinger	0
693	R206 - Buffer Preparation T	ank ศิลิติติต Carbone	Studs (goujon) too shorts on some nozzles	□Ramona Carbone	Bilfinger	0
694	R206 - Buffer Preparation T	ank ศิลิติติต Carbone	Vessel drawing is not in 'As built' revision	□Ramona Carbone	Bilfinger	0
695	R206 - Buffer Preparation T	ank ศิลิติติต Carbone	Manufacturer's name plate is not available in the DOE	□Ramona Carbone	Bilfinger	0
696	R206 - Buffer Preparation T	ank Randol a Carbone	Insulation documents are not available	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
697	R206 - Buffer Preparation T	ank Randon a Carbone	Spray ball and diptubes documents are missing	□Ramona Carbone	Bilfinger	0
698	R206 - Buffer Preparation T	ank Rancol a Carbone	Material certificate list: drawing number missing for items 17 et N10 Item 6: Ht No.	□Ramona Carbone	Bilfinger	0
			521867 instead of 0521867.			
699	R206 - Buffer Preparation T	ank Randol a Carbone	Material certificate list, filler metal cert. 15-237, heat number: PV54000H9NA0 instead	□Ramona Carbone	Bilfinger	0
			of PV54000H9NA. Cert. 15B20, material: T19 12 3 L RC/M3 instead of T 19 3 LRM/C3			
700	R206 - Buffer Preparation T	ank Randol a Carbone	Material certificate of gaskets are missing	□Ramona Carbone	Bilfinger	0
701	R206 - Buffer Preparation T	ank Rancol a Carbone	Welding log, weld #135 - PQR certificates are different between WPS and list	□Ramona Carbone	Bilfinger	0
702	R206 - Buffer Preparation T	ank Rancol a Carbone	Welding log, weld #151 and 310 are not in the welds mapping	□Ramona Carbone	Bilfinger	0
703	R206 - Buffer Preparation T	ank Rancol a Carbone	WPS #D190 is missing	□Ramona Carbone	Bilfinger	0
704	R206 - Buffer Preparation T	ank Rancol a Carbone	Accessory welding documents are missing	□Ramona Carbone	Bilfinger	0
705	R206 - Buffer Preparation T	ank Rancol a Carbone	Test drainability not performed accoording to the family approach agreed (test	□Ramona Carbone	Bilfinger	0
			performed on R211)			

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Number	System	Author	Description	Responsible	Supplier	Status
706	R206 - Buffer Preparation T	ank ศิลิติติต Carbone	Degreasing/passivation certificate is missing	□Ramona Carbone	Bilfinger	0
707	R206 - Buffer Preparation T	ank ମିଥାଉଡ଼ା a Carbone	Flushing / drying procedure and certificates are missing	□Ramona Carbone	Bilfinger	0
708	R206 - Buffer Preparation T	ank ମିଥାଉଡ଼ା a Carbone	Calibration cert. roughnessmeter is missing	□Ramona Carbone	Bilfinger	0
709	R206 - Buffer Preparation T	ank ศิลิติติต Carbone	Notified Body's CE attestation is missingx000D_	□Ramona Carbone	Bilfinger	0
			This point is not blocking the MC. It's conditionally accepted by NVS management.			
710	R206 - Buffer Preparation T	ank Randol a Carbone	CE confirmity from BLF is missingx000D_	□Ramona Carbone	Bilfinger	0
			This point is not blocking the MC. It's conditionally accepted.			
711	R206 - Buffer Preparation T	ank ମିଥାଉଡ଼ା a Carbone	Maintenance log is missing	□Ramona Carbone	Bilfinger	0
712	R206 - Buffer Preparation T	ank ମିଥାଉଡ଼ା a Carbone	Notified Body's design examination is missing	□Ramona Carbone	Bilfinger	0
713	R206 - Buffer Preparation T	ank ศิลิติติต Carbone	The following components are not installed: V503 - P101 - A1 - W101 - X111 - Y811 &	□Ramona Carbone	Bilfinger	0
			G811 - L111 - P102 - X101 - T101, Q101. Only fitting, correct Supplier/Model/Type			
			have been checked.			

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Number 714	System R206 - Buffer Preparation Tan	Author ikR മത്തി a Carbone	Description The following components are missing: P111, Q101, diptube and sprayballs (3).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
715 716 717	R206 - Buffer Preparation Tan R206 - Buffer Preparation Tan R206 - Buffer Preparation Tan	ik Randon a Carbone	All tank nozzles and valves are not tagged Gaskets are all installed but some are damaged. Weldings information (heat number,) missing on the isometrics. Weld position not checked because diptube and sprayballs missing.	□Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger	0 0 0
718	R206 - Buffer Preparation Tan	ik Rമിന് യിa Carbone	Line number wrong on ISO 50-BUFFER-EG16N40-R206-008 (bottom valve ISO) and line not tagged	□Ramona Carbone	Bilfinger	0
719 720	R206 - Buffer Preparation Tan R206 - Buffer Preparation Tan		Tag of light missing on P&ID Test functioning of agitator not performed because agitator not installed.	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
721	R206 - Buffer Preparation Tan	ik Rമത്തിa Carbone	Test sprayball coverage test not performed according to the family approach agreed (test performed on R211)	□Ramona Carbone	Bilfinger	0

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Number 722	System R206 - Buffer Preparation Ta	Author ankମ ିଶ୍ରୀ ଭୋa Carbone	Description Tolerance on diameter of ingold plugs not checked because final components not installed (sampling, conductivity,)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
723	R206 - Buffer Preparation Ta	ank ศิลิติติต Carbone	Ingold ports: actual measured values not according to values on the drawing.	□Ramona Carbone	Bilfinger	0
724	R206 - Buffer Preparation Ta	ank Randola Carbone	Welding log. Weld #135 - PQR cert. Are different between WPS and list	□Ramona Carbone	Bilfinger	0
725	R206 - Buffer Preparation Ta	arik Randola Carbone	Welds 406A to 406D - No welders and no filler metal heat number in the weld log.	□Ramona Carbone	Bilfinger	0
726	R206 - Buffer Preparation Ta	ank ମଣ୍ଡଉଭା a Carbone	N50 Jacket pipe to be cut to install the tank in the final position through the penetration hole realized.	□Ramona Carbone	Bilfinger	0
727	R206 - Buffer Preparation Ta	ank Randon a Carbone	Wrong sprayball indicated on P&ID	□Ramona Carbone	Bilfinger	0
728	R206 - Buffer Preparation Ta	arik ศิ<i>ล</i>งดังเ a Carbone	Construction drawing to be updated with modifications done (exchange and positioning of sprayball and ingold ports).	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
729	R206 - Buffer Preparation T	Tank ମିଥର୍ଡ୍ଡୋ a Carbone	Leak pressure test not performed	□Ramona Carbone	Bilfinger	0
730	R206 - Buffer Preparation T	Tank ମିଥରିଆ a Carbone	Calculation note for agitator o'ring 10 mm missing	□Ramona Carbone	Bilfinger	0
731	R206 - Buffer Preparation T	Tank ମିଥରିଆ a Carbone	V401 bottom valve: sratches on the contact side	□Ramona Carbone	Bilfinger	0
732	R206 - Buffer Preparation T	Tank ମିଥରିଆ a Carbone	Sprayball datasheet wrong	□Ramona Carbone	Bilfinger	0
733	R206 - Buffer Preparation T	Tank ମିଥରିଆ a Carbone	Internal part of sprayballs is electropolished but not brilliant	□Ramona Carbone	Bilfinger	0
734	R211 - Buffer Preparation T	Tank ମ2ଉଭା a Carbone	Nameplate missing	□Ramona Carbone	Bilfinger	0
735	R211 - Buffer Preparation T	Tank ମ2ଉଭା a Carbone	Agitator and load cells not installed, no check done	□Ramona Carbone	Bilfinger	0
736	R211 - Buffer Preparation T	Tank ମ2ଉଭା a Carbone	Sprayball tubes and diptube are not electropolished outside (inside of the tank)	□Ramona Carbone	Bilfinger	0
			because the welds are not complete			
737	R211 - Buffer Preparation T	Tank ମିଥରିଆ a Carbone	Position for correct installation of sprayball tubes not indicated on tank nozzles	□Ramona Carbone	Bilfinger	0
738	R211 - Buffer Preparation T	Tank ମିଥର୍ଡ୍ଡୋ a Carbone	Degree of ingold ports not aligned for the following nozzles: N73 (pH probe); N76	□Ramona Carbone	Bilfinger	0
			(conductivity probes); N86 (sample); N91 (spare).			

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Number	System	Author	Description	Responsible	Supplier	Status
739	R211 - Buffer Preparation T	ank Ranoon la Carbone	Earthing lugs not found	□Ramona Carbone	Bilfinger	0
740	R211 - Buffer Preparation T	ank Ranoon la Carbone	Nuts of sightglass damaged (just visual defect, no effect on functionality and no safety	□Ramona Carbone	Bilfinger	0
			issue).			
741	R211 - Buffer Preparation T	ank Ranoon la Carbone	Studs (goujon) too shorts on some nozzles	□Ramona Carbone	Bilfinger	0
742	R211 - Buffer Preparation T	ank Ranoon a Carbone	Vessel drawing is not in 'As built' revision	□Ramona Carbone	Bilfinger	0
743	R211 - Buffer Preparation T	ank Ranoon la Carbone	Manufacturer's name plate is not available in the DOE	□Ramona Carbone	Bilfinger	0
744	R211 - Buffer Preparation T	ank ศิลิติติต Carbone	Insulation documents are not available	□Ramona Carbone	Bilfinger	0
745	R211 - Buffer Preparation T	ank ศิลิติติต ์ Carbone	Spray ball and diptubes documents are missing	□Ramona Carbone	Bilfinger	0
746	R211 - Buffer Preparation T	ank ศิลิติติต ์ Carbone	Material certificate list, items 6, Ht No. 521867 instead of 0521867	□Ramona Carbone	Bilfinger	0
747	R211 - Buffer Preparation T	ank ศิลิติติต Carbone	Material certificate list, filler metal cert. 15-237, heat number: PV54000H9NA0 instead	□Ramona Carbone	Bilfinger	0
			of PV54000H9NA			

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Number	System	Author	Description	Responsible	Supplier	Status
748	R211 - Buffer Preparation Ta	ank Randon a Carbone	Material certificate of gaskets are missing	□Ramona Carbone	Bilfinger	0
749	R211 - Buffer Preparation Ta	ank ମି<i>ର୍ଣ୍ଡାଭ୍ୟାa</i> Carbone	Welding log, weld #135 - PQR 05 005 W226 02 instead of 05 005 W226 01 and 14-0106WD1205/001 instead of 01 202 F/S 73006825/10	□Ramona Carbone	Bilfinger	0
750	R211 - Buffer Preparation Ta	ankR anomia Carbone	Calculation note - PED 97/23/CE instead of 2014/68/CE and MAWT = 10/160°C instead of 0/160°C	□Ramona Carbone	Bilfinger	0
751	R211 - Buffer Preparation Ta	ank Ramoon a Carbone	Welds 406A to 406D - No welder an no Ht No. On the Welding Log	□Ramona Carbone	Bilfinger	0
752	R211 - Buffer Preparation Ta	ank ମି<i>ବ୍ର</i>ଖଉଖା a Carbone	Welding Log - weld #310 - WPS 190 and PQR EN-SE-13-0277 are missing	□Ramona Carbone	Bilfinger	0
753	R211 - Buffer Preparation Ta	ank Rancol a Carbone	Sprayball and diptubes documents missing	□Ramona Carbone	Bilfinger	0
754	R211 - Buffer Preparation Ta	ank R20000l a Carbone	Degreasing/passivation certificate is missing	□Ramona Carbone	Bilfinger	0
755	R211 - Buffer Preparation Ta	ank Ranoo la Carbone	Flushing / drying procedure and certificates are missing	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
756	R211 - Buffer Preparation T	ank Rancol a Carbone	Calibration cert. roughnessmeter is missing	□Ramona Carbone	Bilfinger	0
757	R211 - Buffer Preparation T	ank Rancol a Carbone	Notified Body's attestation is missingx000D_	□Ramona Carbone	Bilfinger	0
			This point is not blocking the MC. It's conditionally accepted by NVS management.			
758	R211 - Buffer Preparation T	ank Rancol a Carbone	CE confirmity from BLF is missing_x000D_	□Ramona Carbone	Bilfinger	0
			This point is not blocking the MC. It's conditionally accepted by NVS management.			
759	R211 - Buffer Preparation T	ankR ancol a Carbone	Maintenance log is missing	□Ramona Carbone	Bilfinger	0
760	R211 - Buffer Preparation T	ankR ancol a Carbone	Notified Body's design examination is missing	□Ramona Carbone	Bilfinger	0
761	R211 - Buffer Preparation T	ank Rancol a Carbone	The following components are not installed: V503 - P101 - A1 - W101 - X111 - Y811 &	□Ramona Carbone	Bilfinger	0
			G811 - L111 - P102 - X101 - T101. Only fitting, correct Supplier/Model/Type have been			
			checked.			
762	R211 - Buffer Preparation T	ank Rancol a Carbone	The following components are missing: P111.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
763	R211 - Buffer Preparation T	ank Randol a Carbone	All tank nozzles and valves are not tagged	□Ramona Carbone	Bilfinger	0
764	R211 - Buffer Preparation T	ank Randon a Carbone	Gaskets are all installed but some are damaged.	□Ramona Carbone	Bilfinger	0
765	R211 - Buffer Preparation T	ank Randon a Carbone	Weldings information (heat number,) missing on the isometrics. Weld position not	□Ramona Carbone	Bilfinger	0
			checked because diptube and sprayballs not completed			
766	R211 - Buffer Preparation T	ank Randon a Carbone	Line of outlet valve not tagged	□Ramona Carbone	Bilfinger	0
767	R211 - Buffer Preparation T	ank Randon a Carbone	Tag of light missing on P&ID	□Ramona Carbone	Bilfinger	0
768	R211 - Buffer Preparation T	ank Ranoon a Carbone	Test functioning of agitator not performed because agitator not installed.	□Ramona Carbone	Bilfinger	0
769	R211 - Buffer Preparation T	ank Ranool a Carbone	Test vessel level strapping not performed according to the family approach agreed	□Ramona Carbone	Bilfinger	0
			(test performed on R206)			
770	R211 - Buffer Preparation T	ank Randol a Carbone	Tolerance on diameter of ingold plugs not checked because final components not	□Ramona Carbone	Bilfinger	0
			installed (sampling, conductivity,)			

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Number 771	System R211 - Buffer Preparation Tani	Author ikR മ രത്തിa Carbone	Description Ingold ports: actual measured values not according to values on the drawing.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
772 773 774	R211 - Buffer Preparation Tani R211 - Buffer Preparation Tani R211 - Buffer Preparation Tani	ik Ranno la Carbone	Try N°4: sprayball on nozzles N38 and N39 have been swapped. Leak pressure test not performed N50 Jacket pipe to be cut to install the tank in the final position through the penetration hole realized.	□Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger	0 0 0
775 776	R211 - Buffer Preparation Tani		Wrong sprayball indicated on P&ID Construction drawing to be updated with modifications done (exchange and positioning of sprayball and ingold ports).	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
777 778 779	R211 - Buffer Preparation Tani R211 - Buffer Preparation Tani R211 - Buffer Preparation Tani	ik Ranno la Carbone	Sprayball datasheet to be updated Calculation note for agitator o'ring 10 mm missing TGBT 340.9.38/D.001 - manque Certificat CE	□Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger	0 0 0

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Number	System	Author	Description	Responsible	Supplier	Status
780	B215 - Buffer Storage Tank	□Ramona Carbone	did not see any documents availalble.	□Ramona Carbone	Bilfinger	0
781	B215 - Buffer Storage Tank	□Ramona Carbone	No documents available therefore not complete.	□Ramona Carbone	Bilfinger	0
782	B215 - Buffer Storage Tank	□Ramona Carbone	No documents available therefore not complete.	□Ramona Carbone	Bilfinger	0
783	B215 - Buffer Storage Tank	□Ramona Carbone	P&ID walkdown IV execution WIN004 Section 2.1 was not completed as per	□Ramona Carbone	Bilfinger	0
			procedure; for Multi still			
784	EPI3-G&S - EPI Generation	& Rarage a Carbone	P&ID walkdown IV execution WIN004 Section 2.1 was not completed as per	□Ramona Carbone	Bilfinger	0
			procedure; for Loopo 600H			
785	EPI3-G&S - EPI Generation	& Starage a Carbone	P&ID walkdown IV execution WIN004 Section 2.1 was not completed as per	□Ramona Carbone	Bilfinger	0
			procedure; for Loopo 450 C			
		w = 55 + 10 + 0 +			B.115	
786	EPI3-D(Fr) - Eau Pour Injec	tion (Randot) a Carbone	No Isometrics indicating slope were marked up by BWT. Jacobs to ensure relevant	□Ramona Carbone	Bilfinger	0
			slopes are measured and marked on Isometrics.			

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Number 787	System EPI3-D(Fr) - Eau Pour Inject	Author tionRுக் ro ன்)a Carbone	Description No Isometrics indicating slope were marked up by BWT. Jacobs to ensure relevant slopes are measured and marked on Isometrics. Loopo 600H	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
788	EPI3-G&S - EPI Generation	& Starage a Carbone	No Isometrics indicating slope were marked up by BWT. Jacobs to ensure relevant slopes are measured and marked on Isometrics. For Multi still.	□Ramona Carbone	Bilfinger	0
789	R480 - Intermediate Pool Ta	ank 522000 ana Carbone	IV - Component Datasheet IV execution (WIN004 Section 2.5) was not completed for the system.	□Ramona Carbone	Bilfinger	0
790	R480 - Intermediate Pool Ta	ank 522000 bna Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
791	R480 - Intermediate Pool Ta	anki 512000b na Carbone	IV - Pressure Testing IV execution WIN005 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0

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Number 792	System R480 - Intermediate Pool Ta	Author nk 62000ն na Carbone	Description IV - Cleaning / Passivation Testing IV execution WIN005 Section 2.5 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
793	R480 - Intermediate Pool Ta	nk 502000 una Carbone	IV - Material Certification Review IV execution WIN005 Section 2.9 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
794	R480 - Intermediate Pool Ta	nk 52000 bna Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed for the Instruments on the vessel.	□Ramona Carbone	Bilfinger	0
795	F480 - Clarification Skid	□Ramona Carbone	IV - Component Datasheet IV execution (WIN004 Section 2.5) was not completed for the system.	□Ramona Carbone	Bilfinger	0
796	F480 - Clarification Skid	□Ramona Carbone	IV - P&ID Walkdown IV execution WIN004 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0

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Number 797	System F480 - Clarification Skid	Author Ramona Carbone	Description IV - Pressure Testing IV execution WIN005 Section 2.1 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
798	F480 - Clarification Skid	□Ramona Carbone	IV - Cleaning / Passivation Testing IV execution WIN005 Section 2.5 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
799	F480 - Clarification Skid	□Ramona Carbone	IV - Material Certification Review IV execution WIN005 Section 2.9 (Vessel Only) was not completed as per the IV Procedure (Vendor procedure used).	□Ramona Carbone	Bilfinger	0
800	F480 - Clarification Skid	□Ramona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
801	C446 - Bioreactor 15000L	□Ramona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0

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Number 802	System C447 - Bioreactor 15000L	Author □Ramona Carbone	Description IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
803	R481 - Harvest Pool Tank 1	800Ramona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
804	C413 - Seed Bioreactor 90L	□Ramona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
805	C423 - Seed Bioreactor 450	L □Ramona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
806	C433 - Seed Bioreactor 250	0l⊡Ramona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0

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Number 807	System R118 - Media Preparation Ta	Author ankR25000ba Carbone	Description IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
808	R152 - Media Preparation T	ank ମଣ୍ଡାଉଉଧା a Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
809	R480 - Intermediate Pool Ta	anki 5⁄a∕00 ona Carbone	IV - Welding Documentation Review IV execution WIN005 Section 2.8 was not completed as per the IV Procedure.	□Ramona Carbone	Bilfinger	0
810	F480 - Clarification Skid	□Ramona Carbone	All Instrument according to P&ID are not_x000D_ installed on vessels.	□Ramona Carbone	Bilfinger	0
811	C446 - Bioreactor 15000L	□Ramona Carbone	All Instrument according to P&ID are not_x000D_ installed on vessels.	□Ramona Carbone	Bilfinger	0

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			PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:57			
Number	System	Author	Description	Responsible	Supplier	Status
812	C447 - Bioreactor 15000L	□Ramona Carbone	C-446 – N22 (25.050) and N33(25.045)_x000D_	□Ramona Carbone	Bilfinger	0
			Internal diameter is over the tolerancex000D_			
			(25.020)_x000D_			
			PG highlight that hydraulic test has been_x000D_			
			performed with the plug in place even if_x000D_			
			this specific ports are out of tolerance.			
813	C446 - Bioreactor 15000L	□Ramona Carbone	C-447 – N20 (25.035), N21(25.030) and_x000D_	□Ramona Carbone	Bilfinger	0
			N23(25.035)_x000D_			
			Internal diameter is over the tolerancex000D_			
			(25.020)_x000D_			
			PG highlight that hydraulic test has been_x000D_			
			performed with the plug in place even if_x000D_			

this specific ports are out of tolerance.

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Number	System	Author	Description	Responsible	Supplier	Status
814	C447 - Bioreactor 15000L	□Ramona Carbone	Clips to be changed on_x000D_□sparger nozzles.	□Ramona Carbone	Bilfinger	0
815	C446 - Bioreactor 15000L	□Ramona Carbone	Clips to be changed on sparger nozzles.	□Ramona Carbone	Bilfinger	0
816	C447 - Bioreactor 15000L	□Ramona Carbone	Port tags are missing	□Ramona Carbone	Bilfinger	0
817	C446 - Bioreactor 15000L	□Ramona Carbone	Port tags are missing	□Ramona Carbone	Bilfinger	0
818	C447 - Bioreactor 15000L	□Ramona Carbone	Coverage test failed also after modifications implemented _x000D_	□Ramona Carbone	Bilfinger	0
			on cleaning device. Riboflavin residuals remain below baffles supports			
819	C446 - Bioreactor 15000L	□Ramona Carbone	Coverage test failed also after modifications implemented _x000D_	□Ramona Carbone	Bilfinger	0
			on cleaning device. Riboflavin residuals remain below baffles supports			
820	C447 - Bioreactor 15000L	□Ramona Carbone	Load cells and earth_x000D_□connection not installed for FAT	□Ramona Carbone	Bilfinger	0
821	C446 - Bioreactor 15000L	□Ramona Carbone	Load cells and earth_x000D_□connection not installed for FAT	□Ramona Carbone	Bilfinger	0
822	C447 - Bioreactor 15000L	□Ramona Carbone	Agitator Mechanical seal was noisy during the test. (C-446 was less noisy than	□Ramona Carbone	Bilfinger	0
			C-447)x000D_			
			PG explained that we did the test with 0.5 barg in the mechanical seal, which is not			
			enough for a proper functionality. (No seal pot and no sterilization available for			

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Number 823	System C446 - Bioreactor 15000L	Author □Ramona Carbone	Description Agitator Mechanical seal was noisy during the test. (C-446 was less noisy than C-447). PG explained that we did the test with 0.5 barg in the mechanical seal, which is not enough for a proper functionality. (No seal pot and no sterilisation available for FAT test)		Supplier Bilfinger	Status 0
824	C447 - Bioreactor 15000L	□Ramona Carbone	EC final inspection_x000D_ certificate by notified body missing in the_x000D_ documentation	□Ramona Carbone	Bilfinger	0
825	C446 - Bioreactor 15000L	□Ramona Carbone	EC final inspection_x000D_ certificate by notified body missing in the_x000D_ documentation	□Ramona Carbone	Bilfinger	0
826	C447 - Bioreactor 15000L	□Ramona Carbone	Deviation list is listing commercial changes_x000D_ since the beginning of the projectx000D_ NVS/JE expectation is a deviation list_x000D_ according to technical relevant deviationx000D_ (For example: From mechanical Standard)	□Ramona Carbone	Bilfinger	0

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Number 827	System C446 - Bioreactor 15000L	Author □Ramona Carbone	Description Deviation list is listing commercial changes_x000D_ since the beginning of the projectx000D_ NVS/JE expectation is a deviation list_x000D_ according to technical relevant deviationx000D_ (For example: From mechanical Standard)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
828	C447 - Bioreactor 15000L	□Ramona Carbone	Instrument datasheet and maintenance_x000D_ documentation missing	□Ramona Carbone	Bilfinger	0
829	C446 - Bioreactor 15000L	□Ramona Carbone	Instrument datasheet and maintenance_x000D_ documentation missing	□Ramona Carbone	Bilfinger	0
830 831	C447 - Bioreactor 15000L C446 - Bioreactor 15000L	□Ramona Carbone □Ramona Carbone	Operating file is missing Operating file is missing	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
832	C447 - Bioreactor 15000L	□Ramona Carbone	Calibration certificates of instruments are missing	□Ramona Carbone	Bilfinger	0
833	C446 - Bioreactor 15000L	□Ramona Carbone	Calibration certificates of instruments are missing	□Ramona Carbone	Bilfinger	0
834	C447 - Bioreactor 15000L	□Ramona Carbone	Inspection certificates of instruments are missing	□Ramona Carbone	Bilfinger	0
835	C446 - Bioreactor 15000L	□Ramona Carbone	Inspection certificates of instruments are missing	□Ramona Carbone	Bilfinger	0
836	C447 - Bioreactor 15000L	□Ramona Carbone	Instruments documentation check_x000D_	□Ramona Carbone	Bilfinger	0
			according to VDR requirement was not_x000D_			
			performed.			
837	C446 - Bioreactor 15000L	□Ramona Carbone	Instruments documentation check_x000D_	□Ramona Carbone	Bilfinger	0
			according to VDR requirement was not_x000D_			
			performed.			
838	C447 - Bioreactor 15000L	□Ramona Carbone	Slope of Ingold N23 (18°) and N25 (19°) of C446 is deviating from the value of the	□Ramona Carbone	Bilfinger	0
			construction drawing (20°)x000D_			
			Possible impact on probe correct functionality to be checkedx000D_			
			With reference to Muendges email dated 12-Jul-2017 08:05, functionality of the probes	:		
			(DO) are not impacted by the slope deviation.			

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			PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:57			
Number	System	Author	Description	Responsible	Supplier	Status
839	C446 - Bioreactor 15000L	□Ramona Carbone	From the construction drawings and_x000D_	□Ramona Carbone	Bilfinger	0
			welding report it is not possible to identify_x000D_			
			the completeness of the welding inspection_x000D_			
			tests performed.			
840	C446 - Bioreactor 15000L	□Ramona Carbone	From the construction drawings and_x000D_	□Ramona Carbone	Bilfinger	0
			welding report it is not possible to identify_x000D_			
			the completeness of the welding inspection_x000D_			
			tests performed.			
841	C447 - Bioreactor 15000L	□Ramona Carbone	With reference to FAT NC 20 (agitator angle not according _x000D_	□Ramona Carbone	Bilfinger	0
			to construction drawing)			
842	C446 - Bioreactor 15000L	□Ramona Carbone	With reference to FAT NC 20 (agitator angle not according _x000D_	□Ramona Carbone	Bilfinger	0

to construction drawing)

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Number 843	System C447 - Bioreactor 15000L	Author □Ramona Carbone	Description Coverage tests (RUN1 during FAT) and_x000D_	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
			RUN2 were performed with blind caps_x000D_ installed on the all the nozzles except the_x000D_ two "J" tubes that were installed. Compete_x000D_ agitator was also installed			
844	C446 - Bioreactor 15000L	□Ramona Carbone	Coverage tests (RUN1 during FAT) and_x000D_ RUN2 were performed with blind caps_x000D_ installed on the all the nozzles except the_x000D_ two "J" tubes that were installed. Compete_x000D_ agitator was also installed	□Ramona Carbone	Bilfinger	0
845	C447 - Bioreactor 15000L	□Ramona Carbone	Leak test was not executed since not part_x000D_ of FAT scope	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
846	C446 - Bioreactor 15000L	□Ramona Carbone	Leak test was not executed since not part of FAT scope	□Ramona Carbone	Bilfinger	0
847	C447 - Bioreactor 15000L	□Ramona Carbone	During test of the agitator only the rotation was checked. The rotation was not measured according to required ranges	□Ramona Carbone	Bilfinger	0
848	C446 - Bioreactor 15000L	□Ramona Carbone	During test of the agitator only the rotation was checked. The rotation was not measured according to required ranges	□Ramona Carbone	Bilfinger	0
849	C447 - Bioreactor 15000L	□Ramona Carbone	With reference to FAT NC 20 (agitator angle not according to construction drawing)	□Ramona Carbone	Bilfinger	0
850	C446 - Bioreactor 15000L	□Ramona Carbone	With reference to FAT NC 20 (agitator angle not according to construction drawing)	□Ramona Carbone	Bilfinger	0
851	C447 - Bioreactor 15000L	□Ramona Carbone	Some data in the costruction drawing are not correct	□Ramona Carbone	Bilfinger	0
852	R118 - Media Preparation T	ank R25000 ba Carbone	Rupture disk is not installed on nozzle N13	□Ramona Carbone	Bilfinger	0
853	R118 - Media Preparation T	ank R25000 ba Carbone	pH probe not installed on port N31	□Ramona Carbone	Bilfinger	0

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Number 854 855	System R118 - Media Preparation T R118 - Media Preparation T		Description Temperature probe not installed on thermowell N33 Holes for welding gases escape of lugs are on the top part of the _x000D_ lugs instead of the bottom part	Responsible Ramona Carbone Ramona Carbone	Supplier Bilfinger Bilfinger	Status 0 0
856	R118 - Media Preparation T	「ank R25i00o ba Carbone	Nozzle tags are missing according to P&ID and Construction drawing	□Ramona Carbone	Bilfinger	0
857 858	R118 - Media Preparation T R118 - Media Preparation T		Earthing connection is not installed Studs on flanges for accessories / blind flange fixation are too short (on top and on side of the vessel)	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
859 860	R118 - Media Preparation T R118 - Media Preparation T		Leak test was not executed since not part of FAT scope Accessories of the vessel (Cleaning devices) are not electropolished internally and externally	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0

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Number 861	System R118 - Media Preparation T	Author ankR256000ba Carbone	Description Roughness measurements of internal and external surfaces of accessories are not executed in PG's internal tests	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
862	R118 - Media Preparation T	ank P25000 ba Carbone	EC design approval certificate of vessel delivered by Notified Body is missing	□Ramona Carbone	Bilfinger	0
863	R118 - Media Preparation T	ank F25000 na Carbone	EC final inspection certificate of vessel delivered by Notified Body is missing	□Ramona Carbone	Bilfinger	0
864	R118 - Media Preparation T	ank F25000 na Carbone	EC conformity declaration of vessel delivered by Pierre Guerin SAS is missing	□Ramona Carbone	Bilfinger	0
865	R118 - Media Preparation T	ankR 25000 ba Carbone	The magnetic agitator goes out of the magnetic coupling during rotation at high speed (around 40% of max speed)	□Ramona Carbone	Bilfinger	0
866	R118 - Media Preparation T	ankR 25000 ba Carbone	The test for agitator rotation is executed at low speed only to verify that the direction of the rotation is according to designx000D_ It is not executed at the rotation speed requested by the URS.	□Ramona Carbone	Bilfinger	0

Number 867	System Author R118 - Media Preparation Tank R25000ba Carbone	Description FDA + TSE/BSE certificate for item 22.3 (Burkert silicone diaphragm) not present	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
868	R118 - Media Preparation Tank 25000 ba Carbone	Ingold ports N31 and N32 not conform in terms of slope $_x000D_$ (N31 = 16.35°; N32 = - 0.7°). $_x000D_$ Requirement for N31 = 20° and N32 = 0°.	□Ramona Carbone	Bilfinger	0
869	R118 - Media Preparation Tank P26000na Carbone	Some data in the costruction drawing are not correct	□Ramona Carbone	Bilfinger	0
870	R152 - Media Preparation TankRannona Carbone	Sight glass is not installed	□Ramona Carbone	Bilfinger	0
871	R152 - Media Preparation Tank สิเขติดดิโล Carbone	Rupture disk is not installed on nozzle N13	□Ramona Carbone	Bilfinger	0
872	R152 - Media Preparation TankRannona Carbone	Pressure indicator not installed on nozzle N16	□Ramona Carbone	Bilfinger	0
873	R152 - Media Preparation Tank Randona Carbone	Earthing connection is not installed	□Ramona Carbone	Bilfinger	0
874	R152 - Media Preparation Tank Randona Carbone	Temperature probe not installed on thermowell N33	□Ramona Carbone	Bilfinger	0
875	R152 - Media Preparation Tank Randona Carbone	pH probe not installed on port N31	□Ramona Carbone	Bilfinger	0
876	R152 - Media Preparation Tank ศ ฌิดเดอ โล	Nozzles tag are missing according to P&ID and Construction drawing	□Ramona Carbone	Bilfinger	0

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Number 877	System R152 - Media Preparation	Author Tank ମଈଉଉଭା a Carbone	Description Studs on flanges for acessories / blind flange fixation are too short (on top and on side of the vessel)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
878	R152 - Media Preparation	Tank ମଣ୍ଡଉଡ଼ା a Carbone	Screws for brackets fixation are too short and in general some screws are missing on the platform structure_x000D_ (PG states that some of them are temporary)	□Ramona Carbone	Bilfinger	0
879	R152 - Media Preparation	Tank ମ୍ବଶ୍ରଉଠରା a Carbone	Several scratches and corrosion points are present on platform structure	□Ramona Carbone	Bilfinger	0
880	R152 - Media Preparation	Tank Rannon Carbone	Several scratches are present on manhole surface of gasket	□Ramona Carbone	Bilfinger	0
881	R152 - Media Preparation	Tank Ranoon la Carbone	Leak test was not executed since not part of FAT scope	□Ramona Carbone	Bilfinger	0
882	R152 - Media Preparation	Tank Raงงงง la Carbone	Accessories of the vessel (Cleaning devices) are not electropolished internally and externally	□Ramona Carbone	Bilfinger	0

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Number 883	System R152 - Media Preparation T	Author ⁻ ank ମଣ୍ଡଉଡୋ a Carbone	Description Roughness measurements of internal and external surfaces of accessories are not executed in PG's internal tests	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
884	R152 - Media Preparation T	ank Ranool a Carbone	EC design approval certificate of vessel delivered by Notified Body is missing	□Ramona Carbone	Bilfinger	0
885	R152 - Media Preparation T	⁻ ank Ra‱ola Carbone	EC final inspection certificate of vessel delivered by Notified Body is missing	□Ramona Carbone	Bilfinger	0
886	R152 - Media Preparation T	¯ank Ra®®® IankRa®®®®	EC conformity declaration of vessel delivered by Pierre Guerin SAS is missing	□Ramona Carbone	Bilfinger	0
887	R152 - Media Preparation T	ankR ଶ୍ଚାତାଉପା a Carbone	The agitator shaft was damaged (most probably during transportation) creating a bending of the shaft itselfx000D_ The agitator was run during Pre-FAT causing the damage of the mechanical seal.	□Ramona Carbone	Bilfinger	0
888	R152 - Media Preparation T	⁻ ank RՁฬฬฬ	The test for agitator rotation is executed at low speed only to verify that the direction of the rotation is according to designx000D_ It is not executed at the rotation speed requested by the URS.	□Ramona Carbone	Bilfinger	0

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Number 889	System R152 - Media Preparation T		Description Ingold port N31 Plug is damages	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
890	R152 - Media Preparation T	ank Randobla Carbone	FDA and TSE/BSE certificate for item n° 22.2 (o-ring) is not acceptable because it has been hand-marked	□Ramona Carbone	Bilfinger	0
891	R152 - Media Preparation T	ank Rannon la Carbone	During vessel inspection irregularity (the metal doesn't appear smooth) on the internal surface of vessel bottom was observed	□Ramona Carbone	Bilfinger	0
892	R152 - Media Preparation T	ank Raทิดด ผล Carbone	Discoloration present on the CIP line	□Ramona Carbone	Bilfinger	0
893	R118 - Media Preparation T	ankR 25000 ba Carbone	Discoloration present on the CIP line	□Ramona Carbone	Bilfinger	0
894	R152 - Media Preparation T	ank Rannon la Carbone	Drainability test failed due to:_x000D_	□Ramona Carbone	Bilfinger	0
			- residual liquid on top of vortex breaker (nearly fully covered)			
895	R118 - Media Preparation T	ankR25000ba Carbone	Coverage test with Riboflavin failed due to riboflavin remaining on following locations:_x000D_	□Ramona Carbone	Bilfinger	0
			- Handhole N1_x000D_			
			- Manhole N2_x000D_			
			- Nozzle N10 (spare)_x000D_			
			- Nozzle N6 (spare)_x000D_			
			- Nozzle N16 (Pressure Transm.)_x000D_			
			- Agitator_x000D_			
			x000D			
			Riboflavin residuals on agitator is acceptable because			

Number 896	System R118 - Media Preparation 1	Author Fank R25000 ba Carbone	Description Drainability test failed due to:_x000D_ - residual liquid on top of vortex breaker (nearly half covered)_x000D_ - lower and upper agitator hubs are retaining water on the top	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
897	R152 - Media Preparation T	Гапk R่âioi00 0la Carbone	Coverage test with Riboflavin failed due to riboflavin remaining on following locations:_x000D Manhole N1_x000D Agitator flange N2_x000D Nozzle N4 (Sight glass)_x000D Vessel side behind the agitator shaft_x000D Agitator impeller_x000D Agitator shaft_x000D Ingold port N31 (pH probe)	g □Ramona Carbone	Bilfinger	0

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Number

898

System	Author	Description	Responsible	Supplier	Status
R152 - Media Preparation	TankRannonla Carbone	Coverage test with Riboflavin failed due to riboflavin remaining on following	□Ramona Carbone	Bilfinger	0
		locations:_x000D_			
		- Manhole N1_x000D_			
		- Agitator flanges N2 and N3_x000D_			
		- Sight glass nozzle N4_x000D_			
		- Sight glass with light nozzle N5_x000D_			
		- Pressure indicator nozzle N9_x000D_			
		- Level switch nozzle N15_x000D_			
		- Pressure transmitter nozzle N16_x000D_			
		- Rupture disk nozzle N13_x000D_			
		- Spare nozzle N6_x000D_			
		- Spare nozzle N12_x000D_			
		- Gas inlet/Vent line nozzle N10_x000D_			
		- Agitator shaft and blades_x000D_			
		- Agitator coupling_x000D_			
		- Thermowell N45_x000D_			
		x000D			
		Moreover, during comparison of FAT and PRE-FAT results, inconsistencies between	ı		
		the to tests were found in term of pressure/flow rate values (ref. att. 31), due to low	•		
		accuracy of ultrasoninc flow meter.			

Number 899 900	System R481 - Harvest Pool Tank 18 R481 - Harvest Pool Tank 18		Description Leak test was not executed since not part of FAT scope Accessories of the vessel (Cleaning devices) are not electropolished internally and externally	Responsible Ramona Carbone Ramona Carbone	Supplier Bilfinger Bilfinger	Status 0 0
901	R481 - Harvest Pool Tank 18	800Rlamona Carbone	Roughness measurements of internal and external surfaces of accessories are not executed in PG's internal tests	□Ramona Carbone	Bilfinger	0
902	R481 - Harvest Pool Tank 18	800Rlamona Carbone	EC design approval certificate of vessel delivered by Notified Body is missing	□Ramona Carbone	Bilfinger	0
903	R481 - Harvest Pool Tank 18	800 R lamona Carbone	EC final inspection certificate of vessel delivered by Notified Body is missing	□Ramona Carbone	Bilfinger	0
904	R481 - Harvest Pool Tank 18	800 Rl amona Carbone	EC conformity declaration (according to Machinery and PED directives) of vessel delivered by Pierre Guerin SAS is missing	□Ramona Carbone	Bilfinger	0

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Number 905	System R481 - Harvest Pool Tank 1	Author 1800Ramona Carbone	Description R481 general assembly drawing 231979 to be updated according to comments of attachment 3 of the FAT protocol	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
906	R481 - Harvest Pool Tank 1	1800 R lamona Carbone	Nozzle tags are missing according to P&ID and Construction drawing	□Ramona Carbone	Bilfinger	0
907 908	R481 - Harvest Pool Tank 1 R481 - Harvest Pool Tank 1		Rupture disk not installed on nozzle N13 Sampling valve not installed on nozzle N30, and missing from the warehouse	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
909 910 911 912	R481 - Harvest Pool Tank 1 R481 - Harvest Pool Tank 1 R481 - Harvest Pool Tank 1 R481 - Harvest Pool Tank 1	1800Rlamona Carbone 1800Rlamona Carbone	Q101 pH probe not installed on nozzle N31 Q102 Conductivity probe not installed on nozzle N33 Temperature probe not installed on thermowell N45 Material handling lug installed on bottom flange is not present	□Ramona Carbone □Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger Bilfinger	0 0 0
913	R481 - Harvest Pool Tank 1	1800 R lamona Carbone	Load cells not installed	□Ramona Carbone	Bilfinger	0

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Number 914	System R481 - Harvest Pool Tank 1	Author 800Ramona Carbone	Description Studs on flanges for acessories / blind flange fixation are too short (on top of the vessel e.g. Sight glass and pressure indicator)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
915	R481 - Harvest Pool Tank 1	800 R amona Carbone	Ingold ports N30, N31, N33 and N46 not conform in terms of slope (N30=0.3°; N31=18.65°; N33 = 18.45°; N46 = \pm 0.9°)x000D_ Requirement for N31 and N33 = 20° and for N30 and N46 = 0°.	□Ramona Carbone	Bilfinger	0
916	R481 - Harvest Pool Tank 1	800 R amona Carbone	Ingold ports thread are dirty under the cap	□Ramona Carbone	Bilfinger	0
917	R481 - Harvest Pool Tank 1	800 Rl amona Carbone	Washer welded on horizontal Ingold ports N30 and N46 present welds not properly pickled	□Ramona Carbone	Bilfinger	0
918	R481 - Harvest Pool Tank 1	800 Rl amona Carbone	No lug is actually installed on agitator flange for agitator lifting and maintenance (one lug is installed on gearbox, but it is not usefull for lifting)x000D_ Current plan from Agitec is to use belts, but it is not acceptable for agitator lifting for maintenance		Bilfinger	0

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Number 919	System R481 - Harvest Pool Tank	Author 1800®amona Carbone	Description The test for agitator rotation is executed at low speed only to verify that the direction of the rotation is according to designx000D_ It is not executed at the rotation speed requested by the URS.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
920	R481 - Harvest Pool Tank	1800 R amona Carbone	Summary of material certificates for traceability is not fully updated	□Ramona Carbone	Bilfinger	0
921 922 923 924	R481 - Harvest Pool Tank R481 - Harvest Pool Tank R481 - Harvest Pool Tank R481 - Harvest Pool Tank	1800Rlamona Carbone 1800Rlamona Carbone	TSE/BSE certificate missing for Item 8.4 (sight glass) FDA certificate missing for item 8.5 (o-ring) TSE/BSE certificate out of date for Level switch L111 Material certification pages are missing for level switch L401 (page 2 and 3 missing)	□Ramona Carbone □Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger Bilfinger	0 0 0
925 926 927	R481 - Harvest Pool Tank R481 - Harvest Pool Tank R481 - Harvest Pool Tank	1800 R lamona Carbone	Sight glass on nozzle N4 is missing SAT protocol missing R481 Operating and Maintenance Instruction manuals in French are missing	□Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger	0 0 0

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Number 928 929	System R481 - Harvest Pool Tank 1 R481 - Harvest Pool Tank 1		Description Packing list is missing PG is not planning to release Noise Level Measurement certificate and Vibration level measurement certificate for the system (not only vessel related)	Responsible Ramona Carbone Ramona Carbone	Supplier Bilfinger Bilfinger	Status 0 0
930	R481 - Harvest Pool Tank 1	1800 Rl amona Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector; deviations have been accepted, considering also that the leveling measurement for vessels was not defined for FATx000D_ Morever the ingold ports' slopes measured during FAT are not the final values since the vessels have to be installed on site in its final position.		Bilfinger	0
931	R118 - Media Preparation T	Fank R25i00ol ba Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector; deviations have been accepted, considering also that the leveling measurement for vessels was not defined for FATx000D_ Morever the ingold ports' slopes measured during FAT are not the final values since the vessels have to be installed on site in its final position.		Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
932	R152 - Media Preparation 1	Tank Raงงงง Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final position.			
933	C413 - Seed Bioreactor 90l	L □Ramona Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final position.			
934	C423 - Seed Bioreactor 450	0L □Ramona Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			

vessels have to be installed on site in its final position.

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Number	System	Author	Description	Responsible	Supplier	Status
935	C433 - Seed Bioreactor 250	00□Ramona Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final positionx000D_			
			In addition, since the Vessel welding inspection checklist was not in place at the			
			execution of the FAT, slopes and tolerances of the ports were only spot-checked.			
936	C446 - Bioreactor 15000L	□Ramona Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final positionx000D_			
			In addition, since the Vessel welding inspection checklist was not in place at the			

execution of the FAT, slopes and tolerances of the ports were only spot-checked.

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			PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:57			
Number	System	Author	Description	Responsible	Supplier	Status
937	C447 - Bioreactor 15000L	□Ramona Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final position.			
938	R480 - Intermediate Pool Ta	ank⊺ 52200o bna Carbone	Slope of the ingold ports has been measured during FAT by the welding inspector;	□Ramona Carbone	Bilfinger	0
			deviations have been accepted, considering also that the leveling measurement for			
			vessels was not defined for FATx000D_			
			Morever the ingold ports' slopes measured during FAT are not the final values since the			
			vessels have to be installed on site in its final position.			
939	R481 - Harvest Pool Tank 1	800Ramona Carbone	Diptube and sprayballs missing. Sprayball must be a copy of final configuration of	□Ramona Carbone	Bilfinger	0
			parent vessel R211.			

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Number	System	Author	Description	Responsible	Supplier	Status
940	R206 - Buffer Preparation T	ank Ranoon la Carbone	Nameplate missing	□Ramona Carbone	Bilfinger	0
941	R206 - Buffer Preparation T	ank Ranoon la Carbone	Agitator and load cells not installed, no check done	□Ramona Carbone	Bilfinger	0
942	R206 - Buffer Preparation T	ank Ranoon la Carbone	Welding log. Weld #135 - PT NDT is 0% instead of 10%	□Ramona Carbone	Bilfinger	0
943	R206 - Buffer Preparation T	ank Randon a Carbone	Welding log. Weld #150 - RT NDT - This weld doesn't appear in the RT report	□Ramona Carbone	Bilfinger	0
944	R206 - Buffer Preparation T	⁻ ank ศิ<i>ล</i>ติดิเก a Carbone	Degree of ingold ports not aligned for the following nozzles: N73 (pH probe); N75 &	□Ramona Carbone	Bilfinger	0
			N76 (conductivity probes); N86 (sample).			
945	R206 - Buffer Preparation T	⁻ ank ศิลิติติต Carbone	Earthing lugs not found	□Ramona Carbone	Bilfinger	0
946	R206 - Buffer Preparation T	ank Ranoon a Carbone	Nuts of sightglass damaged.	□Ramona Carbone	Bilfinger	0
947	R206 - Buffer Preparation T	ank Rancol a Carbone	Studs (goujon) too shorts on some nozzles	□Ramona Carbone	Bilfinger	0
948	R206 - Buffer Preparation T	ank Rancol a Carbone	Vessel drawing is not in 'As built' revision	□Ramona Carbone	Bilfinger	0
949	R206 - Buffer Preparation T	ank Ranoon a Carbone	Manufacturer's name plate is not available in the DOE	□Ramona Carbone	Bilfinger	0
950	R206 - Buffer Preparation T	ank Randol a Carbone	Insulation documents are not available	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
951	R206 - Buffer Preparation T	ank ମିଥାଉଡା a Carbone	Spray ball and diptubes documents are missing	□Ramona Carbone	Bilfinger	0
952	R206 - Buffer Preparation T	ank ମିଥର୍ଡ୍ଡୋ a Carbone	Material certificate list: drawing number missing for items 17 et N10 Item 6: Ht No.	□Ramona Carbone	Bilfinger	0
			521867 instead of 0521867.			
953	R206 - Buffer Preparation T	ank Rancon la Carbone	Material certificate list, filler metal cert. 15-237, heat number: PV54000H9NA0 instead	□Ramona Carbone	Bilfinger	0
			of PV54000H9NA. Cert. 15B20, material: T19 12 3 L RC/M3 instead of T 19 3 LRM/C3			
954	R206 - Buffer Preparation T	ank Rancon la Carbone	Material certificate of gaskets are missing	□Ramona Carbone	Bilfinger	0
955	R206 - Buffer Preparation T	ank Rancon la Carbone	Welding log, weld #135 - PQR certificates are different between WPS and list	□Ramona Carbone	Bilfinger	0
956	R206 - Buffer Preparation T	ank Rancon la Carbone	Welding log, weld #151 and 310 are not in the welds mapping	□Ramona Carbone	Bilfinger	0
957	R206 - Buffer Preparation T	ank Randon a Carbone	WPS #D190 is missing	□Ramona Carbone	Bilfinger	0
958	R206 - Buffer Preparation T	ank ମିଥାଉଡା a Carbone	Accessory welding documents are missing	□Ramona Carbone	Bilfinger	0
959	R206 - Buffer Preparation T	ank ศิลิติติติ Carbone	Test drainability not performed accoording to the family approach agreed (test	□Ramona Carbone	Bilfinger	0
			performed on R211)			

Number	System	Author	Description	Responsible	Supplier	Status
960	R206 - Buffer Preparation T	ank ศิลิติติติ Carbone	Degreasing/passivation certificate is missing	□Ramona Carbone	Bilfinger	0
961	R206 - Buffer Preparation T	ank ମିଥାଉଡା a Carbone	Flushing / drying procedure and certificates are missing	□Ramona Carbone	Bilfinger	0
962	R206 - Buffer Preparation T	ank ศิลิติติติ la Carbone	Calibration cert. roughnessmeter is missing	□Ramona Carbone	Bilfinger	0
963	R206 - Buffer Preparation T	ank ศิลิติติต Carbone	Notified Body's CE attestation is missingx000D_	□Ramona Carbone	Bilfinger	0
			This point is not blocking the MC. It's conditionally accepted by NVS management.			
964	R206 - Buffer Preparation T	ank Randon a Carbone	CE confirmity from BLF is missingx000D_	□Ramona Carbone	Bilfinger	0
			This point is not blocking the MC. It's conditionally accepted.			
965	R206 - Buffer Preparation T	ank ମିଥାଉଡା a Carbone	Maintenance log is missing	□Ramona Carbone	Bilfinger	0
966	R206 - Buffer Preparation T	ank Rancon la Carbone	Notified Body's design examination is missing	□Ramona Carbone	Bilfinger	0
967	R206 - Buffer Preparation T	ank ମିଥାଉଡା a Carbone	The following components are not installed: V503 - P101 - A1 - W101 - X111 - Y811 &	□Ramona Carbone	Bilfinger	0
			G811 - L111 - P102 - X101 - T101, Q101. Only fitting, correct Supplier/Model/Type			
			have been checked.			

Number	System	Author	Description	Responsible	Supplier	Status
968	R206 - Buffer Preparation Ta	ınk ศิลิติติต ์ Carbone	The following components are missing: P111, Q101, diptube and sprayballs (3).	□Ramona Carbone	Bilfinger	0
969	R206 - Buffer Preparation Ta	nrk Rancol a Carbone	All tank nozzles and valves are not tagged	□Ramona Carbone	Bilfinger	0
970	R206 - Buffer Preparation Ta	nīk R 20000l a Carbone	Gaskets are all installed but some are damaged.	□Ramona Carbone	Bilfinger	0
971	R206 - Buffer Preparation Ta	nīk R2000) a Carbone	Weldings information (heat number,) missing on the isometrics. Weld position not	□Ramona Carbone	Bilfinger	0
			checked because diptube and sprayballs missing.			
972	R206 - Buffer Preparation Ta	ınk ମ୍ଭ 2000)la Carbone	Line number wrong on ISO 50-BUFFER-EG16N40-R206-008 (bottom valve ISO) and line not tagged	□Ramona Carbone	Bilfinger	0
973	R206 - Buffer Preparation Ta	ırık Randon a Carbone	Tag of light missing on P&ID	□Ramona Carbone	Bilfinger	0
974	R206 - Buffer Preparation Ta	nīk Randon a Carbone	Test functioning of agitator not performed because agitator not installed.	□Ramona Carbone	Bilfinger	0
975	R206 - Buffer Preparation Ta	ınk ศิ<i>ล</i>ติติต ์ล Carbone	Test sprayball coverage test not performed according to the family approach agreed (test performed on R211)	□Ramona Carbone	Bilfinger	0

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Number 976	System R206 - Buffer Preparation To	Author ankR aଉଭା a Carbone	Description Tolerance on diameter of ingold plugs not checked because final components not installed (sampling, conductivity,)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
977	R206 - Buffer Preparation T	ank Randol a Carbone	Ingold ports: actual measured values not according to values on the drawing.	□Ramona Carbone	Bilfinger	0
978	R206 - Buffer Preparation T	ank Randol a Carbone	Welding log. Weld #135 - PQR cert. Are different between WPS and list	□Ramona Carbone	Bilfinger	0
979	R206 - Buffer Preparation T	ank Randol a Carbone	Welds 406A to 406D - No welders and no filler metal heat number in the weld log.	□Ramona Carbone	Bilfinger	0
980	R206 - Buffer Preparation T	ankମ ିଶ୍ରଉପ୍ତା a Carbone	N50 Jacket pipe to be cut to install the tank in the final position through the penetration hole realized.	□Ramona Carbone	Bilfinger	0
981	R206 - Buffer Preparation T	ank ศิลิติติต ์ Carbone	Wrong sprayball indicated on P&ID	□Ramona Carbone	Bilfinger	0
982	R206 - Buffer Preparation T	ank ମି<i>ଲ</i>୍ଲିଆ ଆର Carbone	Construction drawing to be updated with modifications done (exchange and positioning of sprayball and ingold ports).	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
983	R206 - Buffer Preparation T	ank Rancol a Carbone	Leak pressure test not performed	□Ramona Carbone	Bilfinger	0
984	R206 - Buffer Preparation T	ank Rancol a Carbone	Calculation note for agitator o'ring 10 mm missing	□Ramona Carbone	Bilfinger	0
985	R206 - Buffer Preparation T	ank Rancol a Carbone	V401 bottom valve: sratches on the contact side	□Ramona Carbone	Bilfinger	0
986	R206 - Buffer Preparation T	ank Rancol a Carbone	Sprayball datasheet wrong	□Ramona Carbone	Bilfinger	0
987	R206 - Buffer Preparation T	ank Rancol a Carbone	Internal part of sprayballs is electropolished but not brilliant	□Ramona Carbone	Bilfinger	0
988	R211 - Buffer Preparation T	ank Ramoon a Carbone	Nameplate missing	□Ramona Carbone	Bilfinger	0
989	R211 - Buffer Preparation T	ank Ramoon a Carbone	Agitator and load cells not installed, no check done	□Ramona Carbone	Bilfinger	0
990	R211 - Buffer Preparation T	ank Rancol a Carbone	Sprayball tubes and diptube are not electropolished outside (inside of the tank)	□Ramona Carbone	Bilfinger	0
			because the welds are not complete			
991	R211 - Buffer Preparation T	ank Rancol a Carbone	Position for correct installation of sprayball tubes not indicated on tank nozzles	□Ramona Carbone	Bilfinger	0
992	R211 - Buffer Preparation T	ank Rancol a Carbone	Degree of ingold ports not aligned for the following nozzles: N73 (pH probe); N76	□Ramona Carbone	Bilfinger	0
			(conductivity probes); N86 (sample); N91 (spare).			

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Number 993	System R211 - Buffer Preparation	Author TankRamma Carbone	Description Earthing lugs not found	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
994	R211 - Buffer Preparation	Tank ମ୍ଭୟଉଡଡା a Carbone	Nuts of sightglass damaged (just visual defect, no effect on functionality and no safety issue).	□Ramona Carbone	Bilfinger	0
995	R211 - Buffer Preparation	Tank Ranoo la Carbone	Studs (goujon) too shorts on some nozzles	□Ramona Carbone	Bilfinger	0
996	R211 - Buffer Preparation	TankR anoon la Carbone	Vessel drawing is not in 'As built' revision	□Ramona Carbone	Bilfinger	0
997	R211 - Buffer Preparation	TankR anoon a Carbone	Manufacturer's name plate is not available in the DOE	□Ramona Carbone	Bilfinger	0
998	R211 - Buffer Preparation	TankR 20000l a Carbone	Insulation documents are not available	□Ramona Carbone	Bilfinger	0
999	R211 - Buffer Preparation	TankR 20000l a Carbone	Spray ball and diptubes documents are missing	□Ramona Carbone	Bilfinger	0
1000	R211 - Buffer Preparation	TankR andon a Carbone	Material certificate list, items 6, Ht No. 521867 instead of 0521867	□Ramona Carbone	Bilfinger	0
1001	R211 - Buffer Preparation	Tank Raww ia Carbone	Material certificate list, filler metal cert. 15-237, heat number: PV54000H9NA0 instead of PV54000H9NA	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1002	R211 - Buffer Preparation Ta	ank Randon a Carbone	Material certificate of gaskets are missing	□Ramona Carbone	Bilfinger	0
1003	R211 - Buffer Preparation Ta	ankମ୍ବ ଶ୍ରଉଭା a Carbone	Welding log, weld #135 - PQR 05 005 W226 02 instead of 05 005 W226 01 and 14-0106WD1205/001 instead of 01 202 F/S 73006825/10	□Ramona Carbone	Bilfinger	0
1004	R211 - Buffer Preparation Ta	ankR aଉଭୋ a Carbone	Calculation note - PED 97/23/CE instead of 2014/68/CE and MAWT = 10/160°C instead of 0/160°C	□Ramona Carbone	Bilfinger	0
1005	R211 - Buffer Preparation Ta	ank ମି<i>ର</i>ଡା ଡାIa Carbone	Welds 406A to 406D - No welder an no Ht No. On the Welding Log	□Ramona Carbone	Bilfinger	0
1006	R211 - Buffer Preparation Ta	ank Randola Carbone	Welding Log - weld #310 - WPS 190 and PQR EN-SE-13-0277 are missing	□Ramona Carbone	Bilfinger	0
1007	R211 - Buffer Preparation Ta	ank Rancol a Carbone	Sprayball and diptubes documents missing	□Ramona Carbone	Bilfinger	0
1008	R211 - Buffer Preparation Ta	ank Randol a Carbone	Degreasing/passivation certificate is missing	□Ramona Carbone	Bilfinger	0
1009	R211 - Buffer Preparation Ta	ank R20000l a Carbone	Flushing / drying procedure and certificates are missing	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1010	R211 - Buffer Preparation T	ank Rancol a Carbone	Calibration cert. roughnessmeter is missing	□Ramona Carbone	Bilfinger	0
1011	R211 - Buffer Preparation T	ank Rancol a Carbone	Notified Body's attestation is missingx000D_	□Ramona Carbone	Bilfinger	0
			This point is not blocking the MC. It's conditionally accepted by NVS management.			
1012	R211 - Buffer Preparation T	ankR ancol a Carbone	CE confirmity from BLF is missing_x000D_	□Ramona Carbone	Bilfinger	0
			This point is not blocking the MC. It's conditionally accepted by NVS management.			
1013	R211 - Buffer Preparation T	ankR ancol a Carbone	Maintenance log is missing	□Ramona Carbone	Bilfinger	0
1014	R211 - Buffer Preparation T	ankR ancol a Carbone	Notified Body's design examination is missing	□Ramona Carbone	Bilfinger	0
1015	R211 - Buffer Preparation T	ank Rancol a Carbone	The following components are not installed: V503 - P101 - A1 - W101 - X111 - Y811 &	□Ramona Carbone	Bilfinger	0
			G811 - L111 - P102 - X101 - T101. Only fitting, correct Supplier/Model/Type have been			
			checked.			
1016	R211 - Buffer Preparation T	ank Rancol a Carbone	The following components are missing: P111.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1017	R211 - Buffer Preparation	TankRancola Carbone	All tank nozzles and valves are not tagged	□Ramona Carbone	Bilfinger	0
1018	R211 - Buffer Preparation	TankRancola Carbone	Gaskets are all installed but some are damaged.	□Ramona Carbone	Bilfinger	0
1019	R211 - Buffer Preparation	TankRancola Carbone	Weldings information (heat number,) missing on the isometrics. Weld position not	□Ramona Carbone	Bilfinger	0
			checked because diptube and sprayballs not completed			
1020	R211 - Buffer Preparation	TankRa6000la Carbone	Line of outlet valve not tagged	□Ramona Carbone	Bilfinger	0
1021	R211 - Buffer Preparation	TankRancola Carbone	Tag of light missing on P&ID	□Ramona Carbone	Bilfinger	0
1022	R211 - Buffer Preparation	TankRancola Carbone	Test functioning of agitator not performed because agitator not installed.	□Ramona Carbone	Bilfinger	0
1023	R211 - Buffer Preparation	Tank Randonia Carbone	Test vessel level strapping not performed accoording to the family approach agreed	□Ramona Carbone	Bilfinger	0
			(test performed on R206)			
1024	R211 - Buffer Preparation	TankRancola Carbone	Tolerance on diameter of ingold plugs not checked because final components not	□Ramona Carbone	Bilfinger	0
			installed (sampling, conductivity,)			

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Number 1025	System R211 - Buffer Preparation Ta	Author ank ศิลติต ต์a Carbone	Description Ingold ports: actual measured values not according to values on the drawing.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1026 1027 1028	R211 - Buffer Preparation Ta R211 - Buffer Preparation Ta R211 - Buffer Preparation Ta	ank Ranoo la Carbone	Try N°4: sprayball on nozzles N38 and N39 have been swapped. Leak pressure test not performed N50 Jacket pipe to be cut to install the tank in the final position through the penetration hole realized.	□Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger	0 0 0
1029 1030	R211 - Buffer Preparation Ta		Wrong sprayball indicated on P&ID Construction drawing to be updated with modifications done (exchange and positioning of sprayball and ingold ports).	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
1031 1032 1033	R211 - Buffer Preparation Ta R211 - Buffer Preparation Ta R211 - Buffer Preparation Ta	ank Ranoo la Carbone	Sprayball datasheet to be updated Calculation note for agitator o'ring 10 mm missing TGBT 340.9.38/D.001 - manque Certificat CE	□Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger	0 0 0

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Number	System	Author	Description	Responsible	Supplier	Status
1034	B215 - Buffer Storage Tank	□Ramona Carbone	did not see any documents available.	□Ramona Carbone	Bilfinger	0
1035	B215 - Buffer Storage Tank	□Ramona Carbone	No documents available therefore not complete.	□Ramona Carbone	Bilfinger	0
1036	B215 - Buffer Storage Tank	□Ramona Carbone	No documents available therefore not complete.	□Ramona Carbone	Bilfinger	0
1037	B215 - Buffer Storage Tank	□Ramona Carbone	P&ID walkdown IV execution WIN004 Section 2.1 was not completed as per	□Ramona Carbone	Bilfinger	0
			procedure; for Multi still			
1038	EPI3-G&S - EPI Generation	&:Skaragea Carbone	P&ID walkdown IV execution WIN004 Section 2.1 was not completed as per procedure; for Loopo 600H	□Ramona Carbone	Bilfinger	0
1039	EPI3-G&S - EPI Generation	&:Staragea Carbone	P&ID walkdown IV execution WIN004 Section 2.1 was not completed as per procedure; for Loopo 450 C	□Ramona Carbone	Bilfinger	0
1040	EPI3-D(Fr) - Eau Pour Injec	tio⊓ Renoior)a Carbone	No Isometrics indicating slope were marked up by BWT. Jacobs to ensure relevant slopes are measured and marked on Isometrics.	□Ramona Carbone	Bilfinger	0

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Number 1041	System EPI3-D(Fr) - Eau Pour Inject	Author tion் Rுவ் ற்a Carbone	Description No Isometrics indicating slope were marked up by BWT. Jacobs to ensure relevant slopes are measured and marked on Isometrics. Loopo 600H	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1042	EPI3-G&S - EPI Generation	& Starage a Carbone	No Isometrics indicating slope were marked up by BWT. Jacobs to ensure relevant slopes are measured and marked on Isometrics. For Multi still.	□Ramona Carbone	Bilfinger	0
1043	EPI3-D(Fr) - Eau Pour Inject	tion Rுன்) a Carbone	WIN004 2.5 not executed as per IV procedure_x000D_ No IV Stamp on docsx000D_ NC numbers not marked on the documents.	□Ramona Carbone	Bilfinger	0
1044 1045	B215 - Buffer Storage Tank B215 - Buffer Storage Tank		Missing Weld log marked up as per IV procedure. Confirmation that general document stating how passivation was _x000D_ performed is good enough. Jacobs to confirm what lines are_x000D_ passivated and which electropolishdx000D_	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
			For loopo 450 CH			

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Number 1046	System F483 - Centrifuge	Author Ramona Carbone	Description Bottom nozzle tolerance not possible to check because bottom valve is installed.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1047	R205 - Buffer Preparation T	ank Rano dina Carbone	Agitator not present; mixing group not possible to check. Flatness of flange not possible to check.	□Ramona Carbone	Bilfinger	0
1048 1049 1050	R205 - Buffer Preparation T R205 - Buffer Preparation T R205 - Buffer Preparation T	ank Randu na Carbone	Studs (goujon) too shorts on some nozzles Load cells not installed, no check done Tolerance on diameter of ingold plugs not checked because final components not installed (sampling, conductivity,)	□Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger	0 0 0
1051	R205 - Buffer Preparation T	ank R2900 dna Carbone	Degree of ingold port not aligned for the following nozzles: _x000D_ N86 (sample) nad N91 (spare)	□Ramona Carbone	Bilfinger	0
1052	R205 - Buffer Preparation T	ank R2900 dna Carbone	Dimensions of dip tube cannot be checked, sprayball internals not checked - sprayballs and dip tube not installed.	□Ramona Carbone	Bilfinger	0

Number	System	Author	Description	Responsible	Supplier	Status
1053	R205 - Buffer Preparation T	ank R2900 0lna Carbone	All tank nozzles and valves are not tagged	□Ramona Carbone	Bilfinger	0
1054	R205 - Buffer Preparation T	ank R2900 0lna Carbone	ISO PC/D 205-6: one weld on Dip tube is temporary.	□Ramona Carbone	Bilfinger	0
1055	R205 - Buffer Preparation T	ank R2900 0lna Carbone	The following components are not installed and not available: V503 - P101 - W101 -	□Ramona Carbone	Bilfinger	0
			X111 - Y811 & G811 - L111 - P102 - X101 - T101 - M101.			
1056	R205 - Buffer Preparation T	ank R2900 dna Carbone	Instruments fitting not checked because istruments not available.	□Ramona Carbone	Bilfinger	0
1057	R205 - Buffer Preparation T	ank Randu na Carbone	Vessel drawing is not in 'As built' revision	□Ramona Carbone	Bilfinger	0
1058	R205 - Buffer Preparation T	ank Randu na Carbone	Manufacturer's name plate is not available in the DOE	□Ramona Carbone	Bilfinger	0
1059	R205 - Buffer Preparation T	ank R2900 0lna Carbone	Insulation documents are not available	□Ramona Carbone	Bilfinger	0
1060	R205 - Buffer Preparation T	ank R2900 lna Carbone	Material certificate list, 2 items numbers are missing below items 12 and 14.	□Ramona Carbone	Bilfinger	0
1061	R205 - Buffer Preparation T	ank R2900 0lna Carbone	Material certificate list, item N39, Ht number for flange according to DIN 11864-3 and	□Ramona Carbone	Bilfinger	0
			not for DIN 11864-2			

Number 1062	System R205 - Buffer Preparation T	Author ank 2900 duna Carbone	Description Material certificate list, item N80, standard- Ht Nb and cert. Nb are missing	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1063	R205 - Buffer Preparation T	ank ศะลิติผ ีเกล Carbone	Material certificate list, item N15, the drawing Nb is missing	□Ramona Carbone	Bilfinger	0
1064	R205 - Buffer Preparation T	ank R2900 ina Carbone	Material certificate list, item N13, the drawing Nb-Standard-Ht Nb and cert. Nb are missing	□Ramona Carbone	Bilfinger	0
1065	R205 - Buffer Preparation T	ank R2900 dna Carbone	Material certificate of gaskets are missing: missing for the manhole and agitators.	□Ramona Carbone	Bilfinger	0
1066	R205 - Buffer Preparation T	ank Randu na Carbone	Spray ball and diptubes documents are missing	□Ramona Carbone	Bilfinger	0
1067	R205 - Buffer Preparation T	ank R2900 dna Carbone	Items 25 and 26 for a te and a reduction are missing.	□Ramona Carbone	Bilfinger	0
1068	R205 - Buffer Preparation T	ank R2900 00na Carbone	Welding Log - Welds 405A to D are missing	□Ramona Carbone	Bilfinger	0
1069	R205 - Buffer Preparation T	ank R2900 dna Carbone	Accessory welding documents are missing	□Ramona Carbone	Bilfinger	0
1070	R205 - Buffer Preparation T	ank R29000 Carbone	Degreasing/passivation certificate is missing	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1071	R205 - Buffer Preparation T	ank R2900 0lna Carbone	Flushing / drying procedure and certificates are missing	□Ramona Carbone	Bilfinger	0
1072	R205 - Buffer Preparation T	ank R2900 0lna Carbone	Notified Body's design examination is missing	□Ramona Carbone	Bilfinger	0
1073	R205 - Buffer Preparation T	ank R2900 0lna Carbone	Notified Body's CE attestation is missing. This point is not blocking the MC. It's	□Ramona Carbone	Bilfinger	0
			conditionally accepted by NVS management.			
1074	R205 - Buffer Preparation T	ank R2900 lna Carbone	Maintenance log is missing	□Ramona Carbone	Bilfinger	0
1075	R205 - Buffer Preparation T	ank R2900 lna Carbone	Weldings information (heat number and certificate number) missing on the isometrics.	□Ramona Carbone	Bilfinger	0
1076	R205 - Buffer Preparation T	ank R2900 dna Carbone	All lines are identified with a temporary label.	□Ramona Carbone	Bilfinger	0
1077	R205 - Buffer Preparation T	ank R2900 lna Carbone	Sprayball iso not according to the constructed piece: upper part longer.	□Ramona Carbone	Bilfinger	0
1078	R205 - Buffer Preparation T	ank R2900 dna Carbone	Drainability test failed at the position of the blank flange (not according to same profile	□Ramona Carbone	Bilfinger	0
			as the real flange on agitator).			

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Number 1079	System R205 - Buffer Preparation To	Author ank 2800 00 na Carbone	Description CIP line number on Isometric for bottom valve ISO 40-BUFFER-EG16N40-R205-R205 does not match P&ID	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1080 1081	R205 - Buffer Preparation To		Agitator not installed, test cannot be carried out Agitator not installed, level strapping test carried out does not reflect true volumes	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0 0
1082 1083	R205 - Buffer Preparation To		Volumes measured do not match vessel drawing Sprayball documentations (drawings, iso,) not aligned with try n°2 of sprayball coverage test.	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
1084	R205 - Buffer Preparation T	ank R2900 lna Carbone	Construction drawing to be updated with modifications concerning the new agitator to be installed.	□Ramona Carbone	Bilfinger	0
1085	R205 - Buffer Preparation T	ank R2000 na Carbone	Leak pressure test not performed	□Ramona Carbone	Bilfinger	0

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Number 1086	System R205 - Buffer Preparation Ta	Author ankR 29 00മോa Carbone	Description n° 05, 16: hardware devices description in the wiring diagrams hardware list does not match with the installed hardware	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1087	B205 - Buffer Storage Tank	□Ramona Carbone	n° 06: missing or wrong cable labels on the terminals inside control cabinet.	□Ramona Carbone	Bilfinger	0
1088	B205 - Buffer Storage Tank	□Ramona Carbone	n° 08, 14: some labels in the control cabinet are not correct (wrong description/wrong colors).	□Ramona Carbone	Bilfinger	0
1089	B205 - Buffer Storage Tank	□Ramona Carbone	n° 01: hardware documentation of electrical components of the cabinet is missing	□Ramona Carbone	Bilfinger	0
1090	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: cabinet manufacturer's self-check sheet is missing	□Ramona Carbone	Bilfinger	0
1091	B205 - Buffer Storage Tank	□Ramona Carbone	n° 03: cabinet CE certificate is missing	□Ramona Carbone	Bilfinger	0
1092	B205 - Buffer Storage Tank	□Ramona Carbone	$\ensuremath{n^\circ}$ 01: MCB after redundant 24V supply module shall be different type and not Schneider (rate is not correct)	□Ramona Carbone	Bilfinger	0

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Number 1093	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description n° 02: vent device with filter is to be installed on the cabinet to prevent overpressure in case of air leak on pneumatic circuit inside the cabinet	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1094	B205 - Buffer Storage Tank	□Ramona Carbone	n° 05: earthing of the skid: wiring of the earthing cable/cords on the skid is completely missing	□Ramona Carbone	Bilfinger	0
1095	B205 - Buffer Storage Tank	□Ramona Carbone	n° 11: some cabling on instrument have been bent too much, this will damage the cable in a short time	□Ramona Carbone	Bilfinger	0
1096	B205 - Buffer Storage Tank	□Ramona Carbone	n° 08: PROFIBUS cable numbering is not as per Novartis procedure	□Ramona Carbone	Bilfinger	0
1097	B205 - Buffer Storage Tank	□Ramona Carbone	n° 10, 14: cable colors for 24V: brown is + white isx000D_ as per colour code: some cables on wiring diagram are inverted	□Ramona Carbone	Bilfinger	0

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Number 1098	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description n° 01: instrument list not available; the test has been executed with the P&Ids as a reference document	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1099 1100	B205 - Buffer Storage Tank B205 - Buffer Storage Tank		n° 02: instruments missing: bursting disk n° 02: TT101 (tank bottom temp): the wrong instruments type is installed (TR15 non aseptic instead of TM411 aseptic)	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
1101	B205 - Buffer Storage Tank	□Ramona Carbone	instrument configuration sheets are not available; the test cannot be executed	□Ramona Carbone	Bilfinger	0
1102	B205 - Buffer Storage Tank	□Ramona Carbone	(safety system - installation fallback) internal tests has not been verified during FAT.	□Ramona Carbone	Bilfinger	0
1103	B205 - Buffer Storage Tank	□Ramona Carbone	n° 14: some wires are missing (field device not wired - V001, V922, V930, V963, V992, air supply - earth wire missing on XRINT.02)	□Ramona Carbone	Bilfinger	0

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Number 1104	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description n° 14: load cells are not installed under the tank, the wires are not layed down to the cabinet, the cable ways are not present on the skid	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1105 1106	B205 - Buffer Storage Tank B205 - Buffer Storage Tank		n° 06. wrong colour of terminal indicated on wiring diagram n° 02: digital input loop check failure:_x000D_ GSH-811 rupture disk: disk not installed	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
1107	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V954, V961, V003, V004 valves not installed	□Ramona Carbone	Bilfinger	0
1108	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V401, not possible to command it	□Ramona Carbone	Bilfinger	0
1109	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V701, pneumatic connetion on the valve is wrong	□Ramona Carbone	Bilfinger	0

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Number 1110	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description n° 02: digital output (on/off valves) loop check failure:_x000D_ V502, wrong connection on FESTO block	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1111	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V001, V922, V930, V963, V992 are loose valves	□Ramona Carbone	Bilfinger	0
1112	B205 - Buffer Storage Tank	□Ramona Carbone	n° 03: analogue input loop check failure:_x000D_ TT982, TT980: RM042 transducer in the cabinet not configured	□Ramona Carbone	Bilfinger	0
1113	B205 - Buffer Storage Tank	□Ramona Carbone	n° 04: analogue output (control valve) loop check failure:_x000D_ R701: valve actuator seems not properly configured	□Ramona Carbone	Bilfinger	0
1114	B205 - Buffer Storage Tank	□Ramona Carbone	n° 03: analogue input loop check failure:_x000D_ W101: weighing cells not installed and not wired	□Ramona Carbone	Bilfinger	0

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Number 1115	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description cabinet is not clean, lot of construction material is around	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1116	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: missing information on the CE label: max lcc that the cabinet can sustainx000D_ A second label with the client data is missing	□Ramona Carbone	Bilfinger	0
1117	B205 - Buffer Storage Tank	□Ramona Carbone	n° 09: poor fixing of part of the piping/cable trays supports on the top of the buffer storage tanks	□Ramona Carbone	Bilfinger	0
1118	B205 - Buffer Storage Tank	□Ramona Carbone	n° 11/TS02.3.05: due to the works in progress it is not possible to check cable trays completeness, clashes and interference, holes and openings	□Ramona Carbone	Bilfinger	0
1119	B205 - Buffer Storage Tank	□Ramona Carbone	n° 12/TS02.3.05 - n° 03: some rilsan pipes are touching CIP pipes - near valve V952_x000D_ T980 cable is touching the steam pipe.	Ramona Carbone	Bilfinger	0

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Number 1120	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description this test refers to the check of the calibration of instruments, it is not foreseen during FAT	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1121	B205 - Buffer Storage Tank	□Ramona Carbone	n° 14: the cabling of the terminal block XREXT.03 is done in a different way from the other cabinets, this is not good for maintenance.	□Ramona Carbone	Bilfinger	0
1122 1123 1124	B205 - Buffer Storage Tank B205 - Buffer Storage Tank B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: the profibus address of Festo block is wrong LOTO valves not installed To perform passivation, the mechanical interlock on the Festo Clusters is removed to operate the valves.	□Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger	0 0 0
1125	B205 - Buffer Storage Tank	□Ramona Carbone	All lines are identified with a temporary label; some of the components are identified with temporary label; Few components are not identified.	□Ramona Carbone	Bilfinger	0

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Number 1126	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description ISO 50-BUFFER-EG16N40-B204-O41 folio 1 of 2: line partially not installed.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1127	B205 - Buffer Storage Tank	□Ramona Carbone	Weldings information (heat number, certificate) missing on the isometrics.	□Ramona Carbone	Bilfinger	0
1128	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIPR-EG16N40-B204-048 folio 1 of 1: Slope on flexible X961 not verified because not installed.	□Ramona Carbone	Bilfinger	0
1129	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 40-CIPR-EG16N40-B204-049 folio 1 of 1: Slope on flexible X941 not verified because not installed.	□Ramona Carbone	Bilfinger	0
1130	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 40-ERF-EG16N40-B204-060 folio 1 of 2: Slope on flexible X702 not verified because not installed.	□Ramona Carbone	Bilfinger	0
1131	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 50-BUFFER-EG16N40-B204-050 folio 2 of 3: Slope on flexible X401 not verified because not installed.	□Ramona Carbone	Bilfinger	0

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Number 1132	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description ISO 40-ACP-EG16N40-B204-043 folio 2 of 2: Pressure Indicator P-500 missing on the filter F1 top.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1133	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIPR-EG16N43-B204-051 folio 2 of 2: line not installed.	□Ramona Carbone	Bilfinger	0
1134	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 15-G-N2P-EG18X40-B204-061 folio 1 of 1: line not installed.	□Ramona Carbone	Bilfinger	0
1135	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIP-EG16N40-B204-088 folio 1 of 1: line not installed.	□Ramona Carbone	Bilfinger	0
1136	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIP-EG16N40-B204-188: line not installed, iso not available.	□Ramona Carbone	Bilfinger	0
1137	B205 - Buffer Storage Tank	□Ramona Carbone	On the Equipment List line numbers not compliant with P&ID and few datasheet revision not compliant with the datasheets.	□Ramona Carbone	Bilfinger	0

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Number 1138	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description Reference on equipment list for Manual Ball Valve Mecainox cannot be verified on istalled valve.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1139	B205 - Buffer Storage Tank	□Ramona Carbone	Isometrics not conform to the P&ID: some lines indicated with different numbers.	□Ramona Carbone	Bilfinger	0
1140	B205 - Buffer Storage Tank	□Ramona Carbone	Weld numbers for the welds done directly on the skid (between two different isos) missing on the ISO.	□Ramona Carbone	Bilfinger	0
1141 1142	B205 - Buffer Storage Tank B205 - Buffer Storage Tank		Continuity not according to P&ID ISO 40-CIP-EG16N40-B204-049 to be updated with the new flange added for handling reason.	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
1143	B205 - Buffer Storage Tank	□Ramona Carbone	P&ID to be updated adding the new flange on line 40-CIP-EG16N40-B204-049 (for handling reason).	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1144	B205 - Buffer Storage Tank	□Ramona Carbone	risk assessment not available	□Ramona Carbone	Bilfinger	0
1145	B205 - Buffer Storage Tank	□Ramona Carbone	Welder qualification test certificate report YAL is missing.	□Ramona Carbone	Bilfinger	0
1146	B205 - Buffer Storage Tank	□Ramona Carbone	Isometrics for Line 40-VP2-EG16N44-B204-076 and 8-VP2-EG16N44-B204-099 are	□Ramona Carbone	Bilfinger	0
			missing.			
1147	B205 - Buffer Storage Tank	□Ramona Carbone	Item #H505, SG012, V922, V930, V963, V992, X101 and X811 : Certificate numbers missing hence unable to view VTOD.	□Ramona Carbone	Bilfinger	0
1148	B205 - Buffer Storage Tank	□Ramona Carbone	Item # X101 : Material certificate 3.1 is not identified on equipment list	□Ramona Carbone	Bilfinger	0
1149	B205 - Buffer Storage Tank	□Ramona Carbone	Item #XP102, P103, P500, X501 and X922 : Error on the equipment list. Material Certificate 2.1 is not available.	□Ramona Carbone	Bilfinger	0
1150	B205 - Buffer Storage Tank	□Ramona Carbone	Item #X922 : FDA certificate not identified on equipment list	□Ramona Carbone	Bilfinger	0

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Number 1151	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description Item #H920, H922, H923, V503, X501 and X922 : BSE certificate not identified on equipment list	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1152	B205 - Buffer Storage Tank	□Ramona Carbone	Item #V401, V503, X922, X071 and X072 : Roughness certificate not identified on equipment list	□Ramona Carbone	Bilfinger	0
1153	B205 - Buffer Storage Tank	□Ramona Carbone	Item #V401, V503, X501 and X922 : EP certificate not identified on equipment list	□Ramona Carbone	Bilfinger	0
1154	B205 - Buffer Storage Tank	□Ramona Carbone	Item #H501, H504 and P103 and X504 : Heat number incorrect on equipment list	□Ramona Carbone	Bilfinger	0
1155	B205 - Buffer Storage Tank	□Ramona Carbone	Item #H920, H922, H923, LG013, V701, X504, X922 and Y811: Heat number not identified on equipment list	□Ramona Carbone	Bilfinger	0
1156	B205 - Buffer Storage Tank	□Ramona Carbone	Technical documentation (manual, operating instruction) missing	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1157	B205 - Buffer Storage Tank	□Ramona Carbone	Isometrics for Line 40-VP2-EG16N44-B204-076, 8-VP2-EG16N44-B204-099 and	□Ramona Carbone	Bilfinger	0
			50-CIP-EG16N40-B204-188 are missing.			
1158	B205 - Buffer Storage Tank	□Ramona Carbone	Test TS01.2.12 - Borescope videos missing for various welds on the following	□Ramona Carbone	Bilfinger	0
			isometric:_x000D_			
			welds #7, 22, 24 and 33 on ISO 50 BUFFER-EG16N40-B204-041 Folio 1/2_x000D_			
			welds #2, 4 and 7 on ISO 50-BUFFER-EG16N40-B204-041 Folio 2/2_x000D_			
			welds #2, 4 and 5 on ISO 15-ACP-EG16N43-B204-045 Folio 1/1_x000D_			
			welds #1, 8, 12, 14, 16 and 17 on 50-CIPR-EG16N40-B204-048 Folio 1/1_x000D_			
			welds #11, 13, 15 and 18 on ISO 40-CIP-EG16N40-B204-049 Folio 1/1_x000D_			
			welds #1, 2, 3 and 4 on ISO 50-BUFFER-EG16N40-B204-050 Folio 1/3_x000D_			
			weld #12 on ISO 50-CIPR-EG16N43-B204-051 Folio 1/2_x000D_			
			welds #1 and 2 on 50-CIP-EG16N40-B204-088 Folio 1/1			

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Number 1159	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description ISO 40-ACP-EG16N43-B204-044 Folio 1 : Weld #04, welding information missing from welding book	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1160	B205 - Buffer Storage Tank	□Ramona Carbone	Test TS01.2.12 - No access to conduct visual and video borescope checks for various welds on the following lines:_x000D_ welds #5, 6, 7 on ISO 50-CIPR-EG16N40-B204-048 Folio 1/1_x000D_ weld #9 on ISO 40-CIP-EG16N40-B204-049 Folio 1/1	□Ramona Carbone	Bilfinger	0
1161	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIPR-EG16N43-B204-051 Folio 2, Welds #5, 6 : welds to be executed on construction site	□Ramona Carbone	Bilfinger	0
1162	B205 - Buffer Storage Tank	□Ramona Carbone	BSE/TSE free certificate and FDA (or USP) certificate missing for all the gaskets installed on pipes.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1163	B205 - Buffer Storage Tank	□Ramona Carbone	test not completely performed, gasket material not checked.	□Ramona Carbone	Bilfinger	0
1164	B205 - Buffer Storage Tank	□Ramona Carbone	some heat numers missing on the isometric nomenclature document.	□Ramona Carbone	Bilfinger	0
1165	B205 - Buffer Storage Tank	□Ramona Carbone	Test TS01.2.12 - on the weld log RTU-PR-S-121, the column C/NC (checked/non	□Ramona Carbone	Bilfinger	0
			checked) is not ticked on the following isometrics:_x000D_			
			50-BUFFER-EG16N40-B204-041 Folio 1/2_x000D_			
			10-ACP-EG16N40-B204-043 Folio 1/1_x000D_			
			40-ACP-EG16N40-B204-043 Folio 2/2_x000D_			
			50-CIPR-EG16N40-B204-048 Folio 1/1_x000D_			
			8-CIP-EG16N40-B204-049 Folio 1/1_x000D_			
			40-CIP-EG16N40-B204-049 Folio 1/1_x000D_			
			50-CIPR-EG16N43-B204-051 Folio 2/2			
1166	B205 - Buffer Storage Tank	□Ramona Carbone	Line 40-CIP-EG16N40-B204-049: second flange to be added for maintenance of the	□Ramona Carbone	Bilfinger	0
			flange already installed below valve V931.			

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Number 1167	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description Safety clamp not installed on the top of the filter F1 (manometer nozzle).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1168	B205 - Buffer Storage Tank	□Ramona Carbone	Pressure test on lines performed according to fluid list pressure values, but documentation missing.	□Ramona Carbone	Bilfinger	0
1169	B205 - Buffer Storage Tank	□Ramona Carbone	Studs (goujon) too shorts on some nozzles	□Ramona Carbone	Bilfinger	0
1170	B205 - Buffer Storage Tank	□Ramona Carbone	Load cells not installed, no check done	□Ramona Carbone	Bilfinger	0
1171	B205 - Buffer Storage Tank	□Ramona Carbone	Tolerance on diameter - sprayballs and diptube not installed	□Ramona Carbone	Bilfinger	0
1172	B205 - Buffer Storage Tank	□Ramona Carbone	Tolerance on diameter of ingold plugs not checked because final components not installed (sampling, conductivity,)	□Ramona Carbone	Bilfinger	0
1173	B205 - Buffer Storage Tank	□Ramona Carbone	Sprayballs missing	□Ramona Carbone	Bilfinger	0
1174	B205 - Buffer Storage Tank	□Ramona Carbone	Degree of ingold port not aligned for the following nozzles: N79 (spare); N89 (spare).	□Ramona Carbone	Bilfinger	0

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Number 1175	System B205 - Buffer Storage Tank	Author □Ramona Carbone	Description The following components are available but not installed: P101 - L111 - P102 - P103 - Y811 + dip tube on nozzle N25 and sprayball on nozzle N39.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1176	B205 - Buffer Storage Tank	□Ramona Carbone	The following components are not available: W101 - X111 - G811 - X101 - manway sight glass	□Ramona Carbone	Bilfinger	0
1177 1178	B205 - Buffer Storage Tank B205 - Buffer Storage Tank		All tank nozzles, Valves and outlet line are not tagged. weldings information (heat number and certificate number) missing on the isometrics.	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
1179	B205 - Buffer Storage Tank	□Ramona Carbone	Fitting for the following not available instruments has not been verified: X111 (light glass); X101 (sampling device).	□Ramona Carbone	Bilfinger	0
1180	B205 - Buffer Storage Tank	□Ramona Carbone	Welds indication on isomentric not correct for the following iso: _x000D_ PC/D B205-3; _x000D_ PC/D B205-4; _x000D_ PC/D B205-5.	□Ramona Carbone	Bilfinger	0

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Number 1181	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description Datasheet P16-0052-SP-10 MANWAY rev 1.2: wrong model type indicated on the datasheet (number of lid clamps wrong: 8 instead of 6 indicated on datasheet)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1182	B205 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-65 BURST DISK Y811 rev 1.2: name of supplier and model to be correct.	□Ramona Carbone	Bilfinger	0
1183	B205 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-61 LEVEL SWITCH L111 rev 1.1: tag reference not complete; wrong tag number.	□Ramona Carbone	Bilfinger	0
1184	B205 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-90 TEMPERATURE INDICATOR T101 1.1: wrong transmitter model indicated on the label, but type of transmitter ok.	□Ramona Carbone	Bilfinger	0
1185	B205 - Buffer Storage Tank	□Ramona Carbone	the following datasheets have not been checked because istruments/equipment/information not available: P16-0052-SP-13 lightglass; P16-0052-SP-14-2 sampling port.		Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1186	B205 - Buffer Storage Tank	□Ramona Carbone	Test Log: sprayball not tagged.	□Ramona Carbone	Bilfinger	0
1187	B205 - Buffer Storage Tank	□Ramona Carbone	the following Instrument are not tagged: _x000D_	□Ramona Carbone	Bilfinger	0
			P101, P102, L111, Y811, X111, X101, G811.			
1188	B205 - Buffer Storage Tank	□Ramona Carbone	for the following ISO not all welds have been done: _x000D_	□Ramona Carbone	Bilfinger	0
			PC/D B205-3; _x000D_			
			PC/D B205-4; _x000D_			
			PC/D B205-5.			
1189	B205 - Buffer Storage Tank	□Ramona Carbone	Vessel drawing is not in 'As built' revision	□Ramona Carbone	Bilfinger	0
1190	B205 - Buffer Storage Tank	□Ramona Carbone	User Manual is not available	□Ramona Carbone	Bilfinger	0
1191	B205 - Buffer Storage Tank	□Ramona Carbone	Manufacturer's name plate is not available in the DOE	□Ramona Carbone	Bilfinger	0
1192	B205 - Buffer Storage Tank	□Ramona Carbone	Insulation documents are not available	□Ramona Carbone	Bilfinger	0
1193	B205 - Buffer Storage Tank	□Ramona Carbone	Item #6 : Ht Nb 521867 instead of 0521867	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1194	B205 - Buffer Storage Tank	□Ramona Carbone	Item #11 + 14 : Drawing Nb PC201 instead of PC155	□Ramona Carbone	Bilfinger	0
1195	B205 - Buffer Storage Tank	□Ramona Carbone	Item #N81 : Error on the Cert. Nb.	□Ramona Carbone	Bilfinger	0
1196	B205 - Buffer Storage Tank	□Ramona Carbone	Item #N2, N4 and N5 : Material certificates not available.	□Ramona Carbone	Bilfinger	0
1197	B205 - Buffer Storage Tank	□Ramona Carbone	Filler metal (1733) - Grade incomplete	□Ramona Carbone	Bilfinger	0
1198	B205 - Buffer Storage Tank	□Ramona Carbone	Item #2 : 2 Different Ht Nb. on the Material Cert.	□Ramona Carbone	Bilfinger	0
1199	B205 - Buffer Storage Tank	□Ramona Carbone	Item #N56 and N57 are missing	□Ramona Carbone	Bilfinger	0
1200	B205 - Buffer Storage Tank	□Ramona Carbone	Material certificate of gaskets are missing: referred only to the manhole gasket	□Ramona Carbone	Bilfinger	0
1201	B205 - Buffer Storage Tank	□Ramona Carbone	Spray ball and diptubes documents are missing	□Ramona Carbone	Bilfinger	0
1202	B205 - Buffer Storage Tank	□Ramona Carbone	Welds 108 to 143 - Reference to the WPS D53 is missing.	□Ramona Carbone	Bilfinger	0
1203	B205 - Buffer Storage Tank	□Ramona Carbone	Welding Map - Welds 147 to 150 and 405B are missing	□Ramona Carbone	Bilfinger	0
1204	B205 - Buffer Storage Tank	□Ramona Carbone	Welds 307 to 308 - WPS D68-1 is missing	□Ramona Carbone	Bilfinger	0
1205	B205 - Buffer Storage Tank	□Ramona Carbone	Welding Log - Welds 407A to 409F - WPS Nb "EN -8-2-FW-FF-MU-100" instead of "EN	□Ramona Carbone	Bilfinger	0
			-8-2-FW-FF-MU-101"			

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Number	System	Author	Description	Responsible	Supplier	Status
1206	B205 - Buffer Storage Tank	□Ramona Carbone	Accessory welding documents are missing	□Ramona Carbone	Bilfinger	0
1207	B205 - Buffer Storage Tank	□Ramona Carbone	Flushing / drying procedure and certificates are missing	□Ramona Carbone	Bilfinger	0
1208	B205 - Buffer Storage Tank	□Ramona Carbone	2nd Jacket side hydrostatic test is missing	□Ramona Carbone	Bilfinger	0
1209	B205 - Buffer Storage Tank	□Ramona Carbone	Notified Body's attestation is missingx000D_	□Ramona Carbone	Bilfinger	0
			This Item is not blocking for the MC; it will be conditionally accepted by the			
			Commissioning team.			
1210	B205 - Buffer Storage Tank	□Ramona Carbone	Notified Body's design examination is missing	□Ramona Carbone	Bilfinger	0
1211	B205 - Buffer Storage Tank	□Ramona Carbone	Maintenance log is missing	□Ramona Carbone	Bilfinger	0
1212	B205 - Buffer Storage Tank	□Ramona Carbone	Calculation Notes - PED 97/23/CE instead of 2014/68/CE and MAWT = 10°C instead of	□Ramona Carbone	Bilfinger	0
			0°C			
1213	B205 - Buffer Storage Tank	□Ramona Carbone	Test drainability not performed accoording to the family approach agreed (test	□Ramona Carbone	Bilfinger	0
			performed on B217)			

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Number 1214	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description Level strapping not performed according to the family approach agreed (test performed on B217)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1215	B205 - Buffer Storage Tank	□Ramona Carbone	Sprayball coverage test not performed according to the family approach agreed (test performed on B217)	□Ramona Carbone	Bilfinger	0
1216	B205 - Buffer Storage Tank	□Ramona Carbone	Name plate has been checked and value for pressure test for the jacket is not in accordance with the construction drawings.	□Ramona Carbone	Bilfinger	0
1217	B205 - Buffer Storage Tank	□Ramona Carbone	The sightglass installed on the manway had wrong size (too small): it has been changed according to the tank construction drawing and re-installed.	□Ramona Carbone	Bilfinger	0
1218	B205 - Buffer Storage Tank	□Ramona Carbone	Leak pressure test not performed	□Ramona Carbone	Bilfinger	0
1219	B205 - Buffer Storage Tank	□Ramona Carbone	Tank not completely clean after electropolishing and passivation (issues during sprayball coverage test performed on B217).	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1220	B205 - Buffer Storage Tank	□Ramona Carbone	All components are installed without tag (plastic label) according to NVS standard for	□Ramona Carbone	Bilfinger	0
			tagging (refer P&ID FAT Protocol attachment 30 to test 4.1.1)			
1221	R118 - Media Preparation T	ank R25000 ba Carbone	Line -002 between flexible X503 and nozzle N006 is not installed (including	□Ramona Carbone	Bilfinger	0
			components X503 and V503 and fittings)_x000D_			
			(Line out of the skid, manufature not possible before installation on site)			
1222	R118 - Media Preparation T	ankRamona Carbone	Line -003 between nozzle N013 and RG/S1-BL002 is not installed including	□Ramona Carbone	Bilfinger	0
			components and fittings (Line out of the skid, manufature not possible before		9	
			installation on site)			
			installation on site)			
1223	R118 - Media Preparation T	ank R25000 ba Carbone	Line -001 between nozzle N8 and valve V004 is not installed including components and	□Ramona Carbone	Bilfinger	0
			fittings (Line out of the skid, manufature not possible before installation on site)			

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Number 1224	System R118 - Media Preparation T	Author ⁻ ank R25000 ba Carbone	Description Lines -012 and -013 ERF/ERFR Jacket inlet and outlet are not installed including components and fittings (Line out of the skid, manufature not possible before installation on site))		Supplier Bilfinger	Status 0
1225	R118 - Media Preparation T	¯ank P25i0i0i ba Carbone	Lines -042 and -013 (CIP) below the platform are not installed including components and fittings (Line out of the skid, manufature not possible before installation on site)	□Ramona Carbone	Bilfinger	0
1226	R118 - Media Preparation T	⁻ ank P25000 ba Carbone	Line -035 is not installed in the drain collection (Line out of the skid, manufature not possible before installation on site)	□Ramona Carbone	Bilfinger	0
1227	R118 - Media Preparation T	⁻ ank F25000 ba Carbone	Line -026 (EPIF) crossing the platform is not installed (Line out of the skid, manufature not possible before installation on site)	□Ramona Carbone	Bilfinger	0
1228	R118 - Media Preparation T	⁻ ank R2500o ba Carbone	Lines -074, -075, -076, -077 including components and fittings are not installed (Line out of the skid, manufature not possible before installation on site)	□Ramona Carbone	Bilfinger	0

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	PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:58									
Number	System	Author	Description	Responsible	Supplier	Status				
1229	R118 - Media Preparation Ta	nk F256000 ba Carbone	PG isometric drawings are stuctured in the way that one drawing is collecting more than one line number. Each isometric includes all the data mentioned in the P&ID (i.e. line numbers, iso breaks, piping class limits, battery limits, etc.)	□Ramona Carbone	Bilfinger	0				
1230	R118 - Media Preparation Ta	ink P25000 ba Carbone	Cabinet 341.2.64/J.001 Page 16_x000D_ Main Switch Label missing on drawing.	□Ramona Carbone	Bilfinger	0				
1231	R118 - Media Preparation Ta	nk R25000 ba Carbone	Cabinet 341.2.64/J.001 Page 16_x000D_ Wiring diagram has some unlegible dimenssions (Autocal Printing Issue)	□Ramona Carbone	Bilfinger	0				

Vertical Dimensions for Emergency Button and Main Switches are not correct:_x000D_

Design says 1000mm value is 1018mm and Design says 500mm and is 582mm

Cabinet 341.2.64/J.001 Page 16_x000D_

1232

R118 - Media Preparation Tank P25000ba Carbone

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0

Bilfinger

□Ramona Carbone

			PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:58			
Number	System	Author	Description	Responsible	Supplier	Status
1233	R118 - Media Preparation Ta	ank R25000 ba Carbone	Cabinet 341.2.64/J.001 Page 17_x000D_	□Ramona Carbone	Bilfinger	0
			Wiring diagram has some unlegible dimenssions (Autocal Printing Issue)			
1234	R118 - Media Preparation Ta	ank R25000 ba Carbone	Cabinet 341.2.64/J.001 Page 17_x000D_	□Ramona Carbone	Bilfinger	0
			Layout of devices is not as per installation: _x000D_			
			Many Terminal strips are missing, _x000D_			
			Location of devices is not correct,_x000D_			
			Grounding and Shielding bars are not all represented nor labelled,_x000D_			
			The Cablofil in the bottom is not			

Cabinet 341.2.64/J.001 Page 18_x000D_

Cabinet 341.2.64/J.001 Page 19_x000D_

Compression Fitting installed at top of cabinet is not shown.

Routing does not show lower cablofil

1235

1236

R118 - Media Preparation Tank P25000na Carbone

R118 - Media Preparation Tank P25000ba Carbone

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0

0

Bilfinger

Bilfinger

□Ramona Carbone

□Ramona Carbone

	PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:58									
Number	System	Author	Description	Responsible	Supplier	Status				
1237	R118 - Media Preparation T	ankR25000ba Carbone	Cabinet 341.2.64/J.001 Page 20_x000D_	□Ramona Carbone	Bilfinger	0				
			Not all Grounding and Shielding bars are shownx000D_							
			Earthing and Shielding inteonnections are not reflecting the actual wiring.							
1238	R118 - Media Preparation T	ankR25000ba Carbone	Cabinet 341.2.64/J.001 Page 21_x000D_	□Ramona Carbone	Bilfinger	0				
			Not all Grounding and Shielding bars are shownx000D_							
			Earthing and Shielding inteonnections are not reflecting the actual wiring.							
1239	R118 - Media Preparation T	ankR 25000 ba Carbone	Cabinet 341.2.64/J.001 Page 260_x000D_	□Ramona Carbone	Bilfinger	0				
			Pneumatic Distribution not represented as installed and labeled:_x000D_							
			- 260D1 and 260D2 have Eight portsx000D_							
			- Manual Valves not represented_x000D_							
			- Spare Ports not represented							

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Number 1240	System R118 - Media Preparation Ta	Author ankR2த்றிற்ற Carbone	Description Some correction have been raised on the P&ID (refer P&ID FAT Protocol attachment 30 to test 4.1.1)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1241	R118 - Media Preparation Ta	ank R25000 ba Carbone	With reference to the lines not installed during the FAT, the P&ID walkdown cannot be considered complete	□Ramona Carbone	Bilfinger	0
1242	R118 - Media Preparation Ta	ank R2ár00o ba Carbone	Instrument Calibrations / Hart Data:_x000D_ All verified vendor calibration certificates (except for flowmeters that certify required measuring range) show only standard manufacturer calibrationx000D_ (Example: All Temperature transmitters are calibrated 0 to 150°C where Data Sheet says 0 to 140°C.)		Bilfinger	0
1243	R118 - Media Preparation Ta	ankR 25000 ba Carbone	EC conformity declaration of the whole system delivered by PG is missing	□Ramona Carbone	Bilfinger	0

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Number 1244	System Au R118 - Media Preparation Tank	uthor R 25000 ba Carbone	Description Pictures of boroscopic inspection according to PSP008 are missing even the bosroscopic incpection has been correctly performed	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1245	R118 - Media Preparation Tank	R2≨000b a Carbone	Documentation check of Operating file for system R118 has not been performed by the document checker	□Ramona Carbone	Bilfinger	0
1246	R118 - Media Preparation Tank	F 25000 ba Carbone	Documentation check of Mechanical Maintenance file for system R118 has not been performed by the document checker	□Ramona Carbone	Bilfinger	0
1247	R118 - Media Preparation Tank	F25600 ba Carbone	Documentation check of Electrical Maintenance file for system R118 has not been performed by the document checker	□Ramona Carbone	Bilfinger	0
1248	R118 - Media Preparation Tank	F 2500 0ba Carbone	Documentation check according to PG LOD (List of Documentation), contractual VDR and Novartis VTOD chapter for system R118 has not been performed by the document checker		Bilfinger	0

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Number 1249	System Au R118 - Media Preparation Tank®	i thor ഇതിലെ Carbone	Description Some corrections have been raised on the datasheets (refer Set of datasheets FAT Protocol attachment 40 to test 4.1.1)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1250	R118 - Media Preparation TankR2	്ട്ടെൻി ഥa Carbone	PED documentation check has not been executed by the welding inspector during FAT	□Ramona Carbone	Bilfinger	0
1251	R118 - Media Preparation TankR2	മ്തിയിഥa Carbone	Welding Inspector specific VTOD chapter documentation check has not been executed during FAT	□Ramona Carbone	Bilfinger	0
1252	R118 - Media Preparation Tank®	ട്ട് തി മ Carbone	New measurement of the resistance between main earth bar and different segments of cable conduits will be needed on site	□Ramona Carbone	Bilfinger	0
1253	R118 - Media Preparation Tank 22	ട്ട് ൻരി ഥa Carbone	Cabinet 341.2.64/J.001 General_x000D_□Dual Source Cabinet	□Ramona Carbone	Bilfinger	0
1254	R118 - Media Preparation TankR2	മ്തിയിലa Carbone	Cabinet 341.2.64/J.003 General_x000D_ Dual Source Cabinet	□Ramona Carbone	Bilfinger	0
1255	R152 - Media Preparation TankRa	മിൻൻൻa Carbone	Cabinet 341.2.64/J.003 Page 16_x000D_ Main Switch Label missing on drawing.	□Ramona Carbone	Bilfinger	0

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Number 1256	System R152 - Media Preparation T	Author ank ମଣ୍ଡଉଉଆ Carbone	Description Cabinet 341.2.64/J.003 Page 16_x000D_ Wiring diagram has some unlegible dimenssions (Autocal Printing Issue)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1257	R152 - Media Preparation T	ank ମଣ୍ଡାଉଉପା a Carbone	Cabinet 341.2.64/J.003 Page 17_x000D_ Wiring diagram has some unlegible dimensions (Autocal Printing Issue)	□Ramona Carbone	Bilfinger	0
1258	R152 - Media Preparation T	'ank ศิลติดิดิเ a Carbone	Cabinet 341.2.64/J.003 Page 17_x000D_ Layout of devices is not as per electrical drawing (installed cabinet layout is acceptable, drawing to be updated): _x000D_ Many Terminal strips are missing, _x000D_ Location of devices is not correct,_x000D_ Grounding and Shielding bars are	□Ramona Carbone	Bilfinger	0
1259	R152 - Media Preparation T	ank ମଣ୍ଡାଉଉଧ Carbone	Cabinet 341.2.64/J.003 Page 18_x000D_ Routing does not show lower cablofil	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1260	R152 - Media Preparation	TankRla0000la Carbone	Cabinet 341.2.64/J.003 Page 19_x000D_	□Ramona Carbone	Bilfinger	0
			Compression Fitting installed at top of cabinet is not shown.			
1261	R152 - Media Preparation	TankRannona Carbone	Cabinet 341.2.64/J.003 Page 20_x000D_	□Ramona Carbone	Bilfinger	0
			Not all Grounding and Shielding bars are shownx000D_			
			Earthing and Shielding interconnections are not reflecting the actual wiring.			
1262	R152 - Media Preparation	Tank Rannon Carbone	Cabinet 341.2.64/J.003 Page 21_x000D_	□Ramona Carbone	Bilfinger	0
			Not all Grounding and Shielding bars are shownx000D_			
			Earthing and Shielding interconnections are not reflecting the actual wiring.			
4000	D450 Madia Dramantian	Tariti (7) 49440 Carlesona	Cabinat 244 2 C4/1 002 Page 00 1/000P	□ Damana Carbana	Dilfinana	0
1263	R152 - Media Preparation	Tankriaumonoma Carbone	Cabinet 341.2.64/J.003 Page 60_x000D_	□Ramona Carbone	Bilfinger	0
			Some wire Labels are wrong in diagram			

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Number 1264	System R152 - Media Preparation Tar	Author nkRികിതിയയില് Carbone	Description Cabinet 341.2.64/J.003 Page 80_x000D_ Some wire Labels are wrong in diagram	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1265	R152 - Media Preparation Tar	nk ମିଶ୍ରୀଉଉପା a Carbone	Cabinet 341.2.64/J.003 Page 81_x000D_ Some wire Labels are wrong in diagram	□Ramona Carbone	Bilfinger	0
1266	R152 - Media Preparation Tar	nk ମ୍ଭଶ୍ରୀଉଉଧ Carbone	Cabinet 341.2.64/J.003 Page 100_x000D_ ET200 Addressing is wrong	□Ramona Carbone	Bilfinger	0
1267	R152 - Media Preparation Tar	nk ମ୍ବଈଉଉରା a Carbone	Cabinet 341.2.64/J.003 Page 101_x000D_ ET200 Addressing is wrong	□Ramona Carbone	Bilfinger	0
1268	R152 - Media Preparation Tar	nk ମ୍ଭଈଉଉଉ ଥ Carbone	Cabinet 341.2.64/J.003 Page 126_x000D_ Some labels unlegible on wiring diagram	□Ramona Carbone	Bilfinger	0

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Number 1269	System R152 - Media Preparation Ta	Author ankମଣ୍ଡଉଡ଼ିଆ Carbone	Description Cabinet 341.2.64/J.003 Page 260_x000D_ Pneumatic Distribution to be update, wrong tags, valves and spare not indicated	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1270	R152 - Media Preparation Ta	ank ମଣ୍ଡଉଉଉା a Carbone	Cabinet 341.2.64/J.003 Page 224_x000D_ Pneumatic Distribution to be update, wrong tags, valves and spare not indicated	□Ramona Carbone	Bilfinger	0
1271	R152 - Media Preparation Ta	ank ୟଈଉଉଉ ା Carbone	Cabinet 341.2.64/J.003 Page 260_x000D_ Pneumatic Distribution not reprented as installed and labeled:_x000D 260D1 and 260D2 have Eight portsx000D Manual Valves not represented_x000D Spare Ports not represented	□Ramona Carbone	Bilfinger	0
1272	R152 - Media Preparation Ta	ank ମଣ୍ଡଉଉଉା a Carbone	All components are installed without tag (plastic label) according to NVS standard for tagging	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1273	R152 - Media Preparation T	「ank Ranoool a Carbone	Valve V503 missing	□Ramona Carbone	Bilfinger	0
1274	R152 - Media Preparation T	「ank Ranooola Carbone	Some correction have been raised on the P&ID _x000D_	□Ramona Carbone	Bilfinger	0
			(refer P&ID FAT Protocol attachment 35 to test 4.1.1)			
1275	R152 - Media Preparation T	୮ank ମଶ୍ରୀଖରଠା a Carbone	PG isometric drawings are stuctured in the way that one drawing is collecting more than one line number. Each isometric includes all the data mentioned in the P&ID (i.e. line numbers, iso breaks, piping class limits, battery limits, etc.)	□Ramona Carbone	Bilfinger	0
1276	R152 - Media Preparation T	୮ank ଟାଈଉଉଉା a Carbone	The following lines were not installed during the FAT P&ID walkdown (manufature not possible before installation on site): _x000D004, -060, -001, -015, -016, -034, -003, -119	□Ramona Carbone	Bilfinger	0
1277	R152 - Media Preparation T	「ank Ranoona Carbone	Pump -P2 not installed	□Ramona Carbone	Bilfinger	0
1278	R152 - Media Preparation T	「ank Ranoon la Carbone	With reference to the lines not installed during the FAT, the P&ID walkdown cannot be	□Ramona Carbone	Bilfinger	0
			considered complete			

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Number	System	Author	Description	Responsible	Supplier	Status				
1279	R152 - Media Preparation Ta	ank ศิลิติดิดิ la Carbone	Instrument Calibrations / Hart Data:_x000D_	□Ramona Carbone	Bilfinger	0				
			All verified vendor calibration certificates (except for flowmeters that certify required							
			measuring range) show only standard manufacturer calibrationx000D_							
			(Example: All Temperature transmitters are calibrated 0 to 150°C where Data Sheet							
			says 0 to 140°C.)							
1280	R152 - Media Preparation Ta	ank Raเดดด ์ Carbone	Material certificate missing for swagelok fittings (elbows, T-pieces) in piping class	□Ramona Carbone	Bilfinger	0				

EC conformity declaration of the whole system delivered by PG is missing

bosroscopic incpection has been correctly performed

Pictures of boroscopic inspection according to PSP008 are missing even the □Ramona Carbone

EG18X40 of isometric 232805

1281

1282

R152 - Media Preparation Tank Ra เดิดใจโล

R152 - Media Preparation Tank Raดิติดิติโล Carbone

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0

0

Bilfinger

Bilfinger

□Ramona Carbone

Number 1283	System R152 - Media Preparation T	Author ankศิลติติติต Carbone	Description Documentation check of Operating file for system R152 has not been performed by the document checker	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1284	R152 - Media Preparation T	'ank ศิลติติดิ la Carbone	Documentation check of Mechanical Maintenance file for system R152 has not been performed by the document checker	□Ramona Carbone	Bilfinger	0
1285	R152 - Media Preparation T	'ank ମ୍ଭଉଉଉ la Carbone	Documentation check of Electrical Maintenance file for system R152 has not been performed by the document checker	□Ramona Carbone	Bilfinger	0
1286	R152 - Media Preparation T	ank ମିଶାଉଉରା a Carbone	Documentation check according to PG LOD (List of Documentation), contractual VDR and Novartis VTOD chapter for system R152 has not been performed by the document checker		Bilfinger	0
1287	R152 - Media Preparation T	'ank ମିଈଉଉଡା a Carbone	Passivation certificate missing for the following pieces:_x000D_ dwg #232802 page 2/6_x000D_ dwg #232802 page 3/6_x000D_ dwg #232805 page 2/3	□Ramona Carbone	Bilfinger	0

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Number 1288	System R152 - Media Preparation T	Author ankRaസസിa Carbone	Description Some corrections have been raised on the datasheets (refer Set of datasheets FAT Protocol attachment 45 to test 4.1.1)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1289	R152 - Media Preparation T	ank ศิลิติดิด ิล Carbone	PED documentation check has not been executed by the welding inspector during FAT (particular attention to be paid for filter housings)	□Ramona Carbone	Bilfinger	0
1290	R152 - Media Preparation T	ank ศิลติติด โล Carbone	Welding Inspector specific VTOD chapter documentation check has not been executed during FAT	□Ramona Carbone	Bilfinger	0
1291	R152 - Media Preparation T	ank ମଣ୍ଡଉଉଡା a Carbone	New measurement of the resistance between main earth bar and different segments of cable conduits will be needed on site	□Ramona Carbone	Bilfinger	0
1292	R152 - Media Preparation T	ankR เลขังอัด la Carbone	Cabinet 341.2.64/J.001 General_x000D_ No Manufactuer Label on the cabinet / CE Marking	□Ramona Carbone	Bilfinger	0

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Number 1293	System R118 - Media Preparation	Author TankR 25000 ba Carbone	Description Cabinet 341.2.64/J.003 _x000D_ General No Manufactuer Label on the cabinet / CE Marking	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1294	R152 - Media Preparation	TankR ାଇଉଉଉା a Carbone	Conduits Grounding:_x000D_ A resistance measurement between main earth bar and different segments of cable conduits show up a relative high impedance_x000D_ This could be refused by notified body because not in accordance with Low Voltage Directive C15-100		Bilfinger	0
1295	R118 - Media Preparation	Tank R25000 ba Carbone	Conduits Grounding:_x000D_ A resistance measurement between main earth bar and different segments of cable conduits show up a relative high impedance_x000D_ This could be refused by notified body because not in accordance with Low Voltage Directive C15-100		Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1296	R152 - Media Preparation T	ank Ranoon la Carbone	Studs (goujon) too shorts on some nozzles	□Ramona Carbone	Bilfinger	0
1297	B206 - Buffer Storage Tank	□Ramona Carbone	Load cells not installed, no check done	□Ramona Carbone	Bilfinger	0
1298	B206 - Buffer Storage Tank	□Ramona Carbone	Sprayball on nozzle N39 missing	□Ramona Carbone	Bilfinger	0
1299	B206 - Buffer Storage Tank	□Ramona Carbone	Tolerance on diameter of ingold plugs not checked because final components not	□Ramona Carbone	Bilfinger	0
			installed (sampling, conductivity,)			
1300	B206 - Buffer Storage Tank	□Ramona Carbone	Degree of ingold port not aligned for the nozzle: N79 (spare).	□Ramona Carbone	Bilfinger	0
1301	B206 - Buffer Storage Tank	□Ramona Carbone	The following components are available but not installed: P101 - L111 - P102 - P103 -	□Ramona Carbone	Bilfinger	0
			Y811.			
1302	B206 - Buffer Storage Tank	□Ramona Carbone	The following components are not available: W101 - X111 - G811 - X101 - manway	□Ramona Carbone	Bilfinger	0
			sight glass			

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Number 1303 1304	System B206 - Buffer Storage Tank B206 - Buffer Storage Tank		Description All tank nozzles, Valves and outlet line are not tagged. weldings information (heat number and certificate number) missing on the isometrics.	Responsible Ramona Carbone Ramona Carbone	Supplier Bilfinger Bilfinger	Status 0 0
1305	B206 - Buffer Storage Tank	□Ramona Carbone	Fitting for the following not available instruments has not been verified: X111 (light glass); X101 (sampling device).	□Ramona Carbone	Bilfinger	0
1306	B206 - Buffer Storage Tank	□Ramona Carbone	Line number on Iso not conformed with line nomber on P&ID: 50-BUFFER-EG16N40-B206-072 instead of 50-BUFFER-EG16N40-B206-056.	□Ramona Carbone	Bilfinger	0
1307	B206 - Buffer Storage Tank	□Ramona Carbone	Welds indication on isomentric not correct for the following iso: _x000D_ PC/D B206-3; _x000D_ PC/D B206-4; _x000D_ PC/D B206-5.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1308	B206 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-10 MANWAY rev 1.2: wrong model type indicated on the	□Ramona Carbone	Bilfinger	0
			datasheet (number of lid clamps wrong: 8 instead of 6 indicated on datasheet)			
1309	B206 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-65 BURST DISK Y811 rev 1.2: name of supplier and model to	□Ramona Carbone	Bilfinger	0
			be correct.			
1310	B206 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-61 LEVEL SWITCH L111 rev 1.1: tag reference not complete;	□Ramona Carbone	Bilfinger	0
			wrong tag number.			
1311	B206 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-90 TEMPERATURE INDICATOR T101 1.1: wrong transmitter	□Ramona Carbone	Bilfinger	0
	Ç		model indicated on the label, but type of transmitter ok.		· ·	
1312	B206 - Buffer Storage Tank	□Ramona Carbone	Test Log: sprayball not tagged.	□Ramona Carbone	Bilfinger	0
1313	B206 - Buffer Storage Tank	□Ramona Carbone	the following Instrument are not tagged: _x000D_	□Ramona Carbone	Bilfinger	0
			P101, P102, L111, Y811, X111, X101, G811.			

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Number 1314	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description for the following ISO not all welds have been done: _x000D_ PC/D B206-3; _x000D_ PC/D B206-4; _x000D_ PC/D B206-5	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1315 1316	B206 - Buffer Storage Tank B206 - Buffer Storage Tank		Vessel drawing is not in 'As built' revision Calculation Note - Design temp. = 10/160°C instead of 0/160°C_x000D_ PED 97/23/CE instead of 2014/68/CE_x000D_ This point is not blocking the MC. It's conditionally accepted by the management/ C&Q team.	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
1317 1318 1319	B206 - Buffer Storage Tank B206 - Buffer Storage Tank B206 - Buffer Storage Tank	□Ramona Carbone	Insulation documents are not available Item #N56 and N57 are missing Material certificate of gaskets are missing: related to the manhole gasket only.	□Ramona Carbone □Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger Bilfinger	0 0 0

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Number	System	Author	Description	Responsible	Supplier	Status
1320	B206 - Buffer Storage Tank	□Ramona Carbone	Spray ball and diptubes documents are missing	□Ramona Carbone	Bilfinger	0
1321	B206 - Buffer Storage Tank	□Ramona Carbone	Welds 151 to 154 and 309 to 312 doesn't appear on the Welding Map	□Ramona Carbone	Bilfinger	0
1322	B206 - Buffer Storage Tank	□Ramona Carbone	Welds 406 - Welder, Ht Nb and date are missing.	□Ramona Carbone	Bilfinger	0
1323	B206 - Buffer Storage Tank	□Ramona Carbone	Accessory welding documents are missing	□Ramona Carbone	Bilfinger	0
1324	B206 - Buffer Storage Tank	□Ramona Carbone	Flushing / drying procedure and certificates are missing	□Ramona Carbone	Bilfinger	0
1325	B206 - Buffer Storage Tank	□Ramona Carbone	Notified Body's attestation is missingx000D_	□Ramona Carbone	Bilfinger	0
			This Item is not blocking for the MC; it will be conditionally accepted by the			
			Commissioning team.			
1326	B206 - Buffer Storage Tank	□Ramona Carbone	Notified Body's design examination is missing_x000D_	□Ramona Carbone	Bilfinger	0
			This point is not blocking the MC. It's conditionally accepted by the management/ C&Q			
			team.			

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Number	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description Maintenance log is missing	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1328	B206 - Buffer Storage Tank	□Ramona Carbone	Diptube not dimensionally checked.	□Ramona Carbone	Bilfinger	0
1329	B206 - Buffer Storage Tank	□Ramona Carbone	Test drainability not performed according to the family approach agreed (test performed on B217)	□Ramona Carbone	Bilfinger	0
1330	B206 - Buffer Storage Tank	□Ramona Carbone	Level strapping not performed according to the family approach agreed (test performed on B217)	□Ramona Carbone	Bilfinger	0
1331	B206 - Buffer Storage Tank	□Ramona Carbone	Sprayball coverage test not performed according to the family approach agreed (test performed on B217)	□Ramona Carbone	Bilfinger	0
1332	B206 - Buffer Storage Tank	□Ramona Carbone	The sightglass installed on the manway had wrong size (too small): it has been changed according to the tank construction drawing and re-installed.	□Ramona Carbone	Bilfinger	0

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Number 1333 1334	System B206 - Buffer Storage Tank B206 - Buffer Storage Tank		Description Leak pressure test not performed Tank not completely clean after electropolishing and passivation (issues during sprayball coverage test performed on B217).	Responsible Ramona Carbone Ramona Carbone	Supplier Bilfinger Bilfinger	Status 0 0
1335	B206 - Buffer Storage Tank	□Ramona Carbone	$\ensuremath{n^\circ}$ 05, 16: hardware devices description in the wiring diagrams hardware list does not match with the installed hardware	□Ramona Carbone	Bilfinger	0
1336	B206 - Buffer Storage Tank	□Ramona Carbone	n° 06: missing or wrong cable labels on the terminals inside control cabinet.	□Ramona Carbone	Bilfinger	0
1337	B206 - Buffer Storage Tank	□Ramona Carbone	n° 08, 14: some labels in the control cabinet are not correct (wrong description/wrong colors).	□Ramona Carbone	Bilfinger	0
1338	B206 - Buffer Storage Tank	□Ramona Carbone	n° 01: hardware documentation of electrical components of the cabinet is missing	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1339	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: cabinet manufacturer's self-check sheet is missing	□Ramona Carbone	Bilfinger	0
1340	B206 - Buffer Storage Tank	□Ramona Carbone	n° 03: cabinet CE certificate is missing	□Ramona Carbone	Bilfinger	0
1341	B206 - Buffer Storage Tank	□Ramona Carbone	n° 01: MCB after redundant 24V supply module shall be different type and not	□Ramona Carbone	Bilfinger	0
			Schneider (rate is not correct)			
1342	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: vent device with filter is to be installed on the cabinet to prevent overpressure in case of air leak on pneumatic circuit inside the cabinet	□Ramona Carbone	Bilfinger	0
1343	B206 - Buffer Storage Tank	□Ramona Carbone	n° 05: earthing of the skid: wiring of the earthing cable/cords on the skid is completely missing	□Ramona Carbone	Bilfinger	0
1344	B206 - Buffer Storage Tank	□Ramona Carbone	n° 11: some cabling on instrument have been bent too much, this will damage the cable in a short time	□Ramona Carbone	Bilfinger	0

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Number 1345	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description n° 08: PROFIBUS cable numbering is not as per Novartis procedure	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1346	B206 - Buffer Storage Tank	□Ramona Carbone	n° 10, 14: cable colors for 24V: brown is + white isx000D_ as per colour code: some cables on wiring diagram are inverted	□Ramona Carbone	Bilfinger	0
1347	B206 - Buffer Storage Tank	□Ramona Carbone	n° 01: instrument list not available; the test has been executed with the P&Ids as a reference document	□Ramona Carbone	Bilfinger	0
1348 1349	B206 - Buffer Storage Tank B206 - Buffer Storage Tank		n° 02: instruments missing: bursting disk n° 02: TT101 (tank bottom temp): the wrong instruments type is installed (TR15 non aseptic instead of TM411 aseptic)	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
1350	B206 - Buffer Storage Tank	□Ramona Carbone	instrument configuration sheets are not available; the test cannot be executed	□Ramona Carbone	Bilfinger	0

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Number 1351	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description n° 02: digital output (on/off valves) loop check failure:_x000D_ V002 not on the skid (loose valves will be installed at site)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1352	B206 - Buffer Storage Tank	□Ramona Carbone	n° 14: some wires are missing (field device not wired - V001, V002, V922, V930, V963, V992, air supply - earth wire missing on XRINT.02)	□Ramona Carbone	Bilfinger	0
1353	B206 - Buffer Storage Tank	□Ramona Carbone	n° 14: load cells are not installed under the tank, the wires are not layed down to the cabinet, the cable ways are not present on the skid	□Ramona Carbone	Bilfinger	0
1354 1355	B206 - Buffer Storage Tank B206 - Buffer Storage Tank		n° 06. wrong colour of terminal indicated on wiring diagram n° 02: digital input loop check failure:_x000D_ GSH-811 rupture disk: disk not installed	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
1356	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V954, V961, V003, V004 valves not installed	□Ramona Carbone	Bilfinger	0

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Number 1357	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description n° 02: digital output (on/off valves) loop check failure:_x000D_ V401, not possible to command it	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1358	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V701, pneumatic connetion on the valve is wrong	□Ramona Carbone	Bilfinger	0
1359	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V502, wrong connction on FESTO block	□Ramona Carbone	Bilfinger	0
1360	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V001, V922, V930, V963, V992 are loose valves	□Ramona Carbone	Bilfinger	0
1361	B206 - Buffer Storage Tank	□Ramona Carbone	n° 03: analogue input loop check failure:_x000D_ TT982, TT980: RM042 transducer in the cabinet not configured	□Ramona Carbone	Bilfinger	0

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Number 1362	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description n° 04: analogue output (control valve) loop check failure:_x000D_ R701: valve actuator seems not properly configured	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1363	B206 - Buffer Storage Tank	□Ramona Carbone	n° 03: analogue input loop check failure:_x000D_ W101: weighing cells not installed and not wired	□Ramona Carbone	Bilfinger	0
1364	B206 - Buffer Storage Tank	□Ramona Carbone	cabinet is not clean, lot of construction material is around	□Ramona Carbone	Bilfinger	0
1365	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: missing information on the CE label: max lcc that the cabinet can sustainx000D_ A second label with the client data is missing	□Ramona Carbone	Bilfinger	0
1366	B206 - Buffer Storage Tank	□Ramona Carbone	n° 09: poor fixing of part of the piping/cable trays supports on the top of the buffer storage tanks	□Ramona Carbone	Bilfinger	0

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Number 1367	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description n° 11: due to the works in progress it is not possible to check cable trays completness, clashes and interference, holes and openings	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1368	B206 - Buffer Storage Tank	□Ramona Carbone	n° 12: some rilsan pipes are touching CIP pipes - near valve V952_x000D_ T980 cable is touching the steam pipe.	□Ramona Carbone	Bilfinger	0
1369	B206 - Buffer Storage Tank	□Ramona Carbone	this test refers to the check of the calibration of instruments, it is not foreseen during FAT	□Ramona Carbone	Bilfinger	0
1370	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: the profibus address of Festo block is wrong	□Ramona Carbone	Bilfinger	0
1371	B206 - Buffer Storage Tank	□Ramona Carbone	LOTO valves not installed	□Ramona Carbone	Bilfinger	0
1372	B206 - Buffer Storage Tank	□Ramona Carbone	To perform passivation, the mechanical interlock on the Festo Clusters is removed to operate the valves.	□Ramona Carbone	Bilfinger	0

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Number 1373	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description All lines are identified with a temporary label; some of the components are identified with temporary label; Few components are not identified.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1374	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-BUFFER-EG16N40-B204-O65 folio 1 of 2: tag of valves V005 and V952 swapped.	□Ramona Carbone	Bilfinger	0
1375	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-RGS1-EG16C40-B204-O68: Burst disk not installed to avoid any damage. G811 instrument not installed.	□Ramona Carbone	Bilfinger	0
1376 1377	B206 - Buffer Storage Tank B206 - Buffer Storage Tank		ISO 15-G/N2P-EG18X40-B204-O63: Line not installed. ISO 40-ERFR-EG16C40-B204-O78: Missing connetion between Hose and tank.	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
1378 1379	B206 - Buffer Storage Tank B206 - Buffer Storage Tank		Line 50-CIP-EG16N40-B204-O89: missing a flange on the P&ID. Line 20-AR-EG16C40-B204-407: Line not installed and ISO missing.	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0

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Number 1380	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description ISO 15-G/N2P- G18X40-B204-063: Line number on the Battery Limit missing.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1381	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 20-RG1-EG16C40-B204-064: Line number on the Battery Limit missing; isometric continuity to RG3-PID1 wrong.	□Ramona Carbone	Bilfinger	0
1382	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-BUFFER-EG16N40-B204-065 folio 2 of 2: continuity not accordig to P&ID.	□Ramona Carbone	Bilfinger	0
1383	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 40-ACP-EG16N43-B204-067: Line number on the Battery Limit missing.	□Ramona Carbone	Bilfinger	0
1384	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-RGS1-EG16C40-B204-068: Line number on the Battery Limit missing.	□Ramona Carbone	Bilfinger	0
1385	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 15-ECR-EG16C40-B204-069: continuity not according to P&ID.	□Ramona Carbone	Bilfinger	0
1386	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-BUFFER-EG16N40-B204-072: continuity not accordig to P&ID.	□Ramona Carbone	Bilfinger	0

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Number 1387	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description ISO 50-CIPR-EG16N43-B204-073 folio 2 of 2: Line number on the Battery Limit missing.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1388	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIPR-EG16N43-B204-073 folio 2 of 2: wrong indication in the ISO table for the column QUANTITY	□Ramona Carbone	Bilfinger	0
1389	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 40-ERF-EG16C40-B204-077: Line number on the Battery Limit missing.	□Ramona Carbone	Bilfinger	0
1390 1391	B206 - Buffer Storage Tank B206 - Buffer Storage Tank		ISO 40-ERFR-EG16C40-B204-078: Wrong nozzle indication. ISO 50-CIP-EG16N40-B204-089: continuity not according to P&ID.	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
1392	B206 - Buffer Storage Tank	□Ramona Carbone	Isometrics not conform to the P&ID: some lines indicated with different numbers.	□Ramona Carbone	Bilfinger	0
1393	B206 - Buffer Storage Tank	□Ramona Carbone	Reference on equipment list for Manual Ball Valve Mecainox cannot be verified on istalled valve.	□Ramona Carbone	Bilfinger	0

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Number 1394	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description 50-BUFFER-EG16N40-B204-065 folio 1 of 2: heat number missing.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1395	B206 - Buffer Storage Tank	□Ramona Carbone	On the Equipment List line numbers not compliant with P&ID and few datasheet revision not compliant with the datasheets.	□Ramona Carbone	Bilfinger	0
1396	B206 - Buffer Storage Tank	□Ramona Carbone	Weld numbers for the welds done directly on the skid (between two different isos) missing on the ISO.	□Ramona Carbone	Bilfinger	0
1397	B206 - Buffer Storage Tank	□Ramona Carbone	40-ACP-EG16N40-B204-066 folio 1 of 2; reference on the equipment list for valve valve not possible to verify.	□Ramona Carbone	Bilfinger	0
1398	B206 - Buffer Storage Tank	□Ramona Carbone	40-ACP-EG16N40-B204-066 folio 2 of 2: wrong tag for filter in the equipment list.	□Ramona Carbone	Bilfinger	0
1399	B206 - Buffer Storage Tank	□Ramona Carbone	40-ACP-EG16N43-B204-067: missing heat number.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1400	B206 - Buffer Storage Tank	□Ramona Carbone	40-CIP-EG16N40-B204-071: wrong heat number.	□Ramona Carbone	Bilfinger	0
1401	B206 - Buffer Storage Tank	□Ramona Carbone	50-BUFFER-EG16N40-B204-072 folio 1 of 3; reference on the equipment list for	□Ramona Carbone	Bilfinger	0
			bottom valve not possible to verify.			
1402	B206 - Buffer Storage Tank	□Ramona Carbone	50-BUFFER-EG16N40-B204-072 folio 1 of 3: few heat numbers missing on isometric.	□Ramona Carbone	Bilfinger	0
1403	B206 - Buffer Storage Tank	□Ramona Carbone	50-BUFFER-EG16N40-B204-072 folio 3 of 3: wrong heat number and one missing.	□Ramona Carbone	Bilfinger	0
1404	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIPR-EG16N43-B204-073 folio 2 of 2: line not completely installed.	□Ramona Carbone	Bilfinger	0
1405	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 15-ERF-EG1C40-B204-074: isometric not complete.	□Ramona Carbone	Bilfinger	0
1406	B206 - Buffer Storage Tank	□Ramona Carbone	risk assessment not available	□Ramona Carbone	Bilfinger	0
1407	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 40-CIP-EG16N40-B204-071 to be updated with the new flange added for handling	□Ramona Carbone	Bilfinger	0
			reason.			

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Number 1408	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description P&ID to be updated adding the new flange on line 40-CIP-EG16N40-B204-071 (for handling reason).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1409 1410	B206 - Buffer Storage Tank B206 - Buffer Storage Tank		Welder qualification test certificate report YAL is missing. Item #H505, SG012, V806, V922, V930, V962, V963, V992, X101 and X811: Certificate numbers missing hence unable to view VTOD.	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
1411	B206 - Buffer Storage Tank	□Ramona Carbone	Item # X101 : Material certificate 3.1 is not identified on equipment list	□Ramona Carbone	Bilfinger	0
1412	B206 - Buffer Storage Tank	□Ramona Carbone	Item #XP102, P103, P500, X501 and X922 : Error on the equipment list. Material Certificate 2.1 is not available.	□Ramona Carbone	Bilfinger	0
1413	B206 - Buffer Storage Tank	□Ramona Carbone	Item #X922 : FDA certificate not identified on equipment list	□Ramona Carbone	Bilfinger	0

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Number 1414	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description Item #H920, H922, H923, V401, V503, X501 and X922 : BSE certificate missing on equipment list	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1415	B206 - Buffer Storage Tank	□Ramona Carbone	Item #V401, V503, X922, X071 and X072 : Roughness certificate not identified on equipment list	□Ramona Carbone	Bilfinger	0
1416	B206 - Buffer Storage Tank	□Ramona Carbone	Item #V401, V503, X501 and X922 : EP certificate not identified on equipment list	□Ramona Carbone	Bilfinger	0
1417	B206 - Buffer Storage Tank	□Ramona Carbone	Item #H922, H923, X922 and Y811 : Heat number not identified on equipment list	□Ramona Carbone	Bilfinger	0
1418	B206 - Buffer Storage Tank	□Ramona Carbone	Item #P102, P103, P500, V034, V401, V941, X501 and X504 : Heat number incorrect on equipment list	□Ramona Carbone	Bilfinger	0
1419	B206 - Buffer Storage Tank	□Ramona Carbone	Technical documentation (manuals, operating instructions) missing for the equipments and instruments	□Ramona Carbone	Bilfinger	0

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Number 1420	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description Isometrics for Line 40-VP2-EG16N44-B204-094, 8-VP2-EG16N44-B204-103 and 50-CIP-EG16N40-B204-189 are missing.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1421	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-BUFFER-EG16N40-B204-065 Folio 2, Welds #8, 9, 10, 11; ISC 15-ACP-EG16N43-046 Folio 1, Welds #1, 2, 3: no access to conduct visual and video borescope checks		Bilfinger	0
1422	B206 - Buffer Storage Tank	□Ramona Carbone	Test TS01.2.12 - Welding information missing from welding book for various welds on the following lines:_x000D_ weld #5 on ISO 10-ACP-EG16N40-B204-066 Folio 1/1_x000D_ welds #1, 2, 3 and 4 on ISO 8-CIP-EG16N40-B204-071 Folio 1/1	□Ramona Carbone	Bilfinger	0
1423	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50 BUFFER-EG16N40-B204-072 Folio 1, Welds #1, 2, 3, 4: Video borescope missing	Ramona Carbone	Bilfinger	0

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Number 1424	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description Test TS01.2.12 - Weld executed on construction site for the following isometric;_x000D_ weld #5 and 6 on ISO 50-CIPR-EG16N43-B204-073 Folio 2/2_x000D_ weld #300 on ISO 50-CIP-EG16N40-B204-070 Folio 1/1	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1425	B206 - Buffer Storage Tank	□Ramona Carbone	BSE/TSE free certificate and FDA (or USP) certificate missing for all the gaskets installed on pipes.	□Ramona Carbone	Bilfinger	0
1426	B206 - Buffer Storage Tank	□Ramona Carbone	test not completely performed, gasket material not checked.	□Ramona Carbone	Bilfinger	0
1427	B206 - Buffer Storage Tank	□Ramona Carbone	some heat numers missing on the isometric nomenclature document.	□Ramona Carbone	Bilfinger	0
1428	B206 - Buffer Storage Tank	□Ramona Carbone	Test TS01.2.12 - on the weld log RTU-PR-S-121, the column C/NC (checked/non	□Ramona Carbone	Bilfinger	0
			checked) is not ticked on the following isometrics:_x000D_			
			50-BUFFER-EG16N40-B204-065 Folio 1/2_x000D_			
			50-BUFFER-EG16N40-B204-065 Folio 2/2_x000D_			
			10-ACP-EG16N40-B204-066 Folio 1/1_x000D_			
			40-ACP-EG16N40-B204-066 Folio 2/2_x000D_			
			40-ACP-EG16N43-B204-067 Folio 1/1_x000D_			
			50-CIPR-EG16N43-B204-070 Folio 1/1_x000D_			
			40-CIP-EG16N40-B204-071 Folio 1/1_x000D_			
			50-CIPR-EG16N43-B204-073 Folio 1/2_x000D_			
			50-CIPR-EG16N43-B204-073 Folio 2/2_x000D_			
			50-CIP-EG16N40-B204-089 Folio 1/1_x000D_			
			40-ACP-EG16N40-B204-127 Folio 1/1			

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Number 1429	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description Line 40-CIP-EG16N40-B204-071: second flange to be added for maintenance of the flange already installed below valve V931.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1430	B206 - Buffer Storage Tank	□Ramona Carbone	Safety clamp not installed on the top of the filter F1 (manometer nozzle).	□Ramona Carbone	Bilfinger	0
1431	B206 - Buffer Storage Tank	□Ramona Carbone	Pressure test on lines performed according to fluid list pressure values, but documentation missing.	□Ramona Carbone	Bilfinger	0
1432	B206 - Buffer Storage Tank	□Ramona Carbone	Test TS01.2.03 - For the ISOs showing the battery limits, counter flange is not represented. BLF to update the ISOs showing the coulter flange and the relevant heat number. No weld indication must be represented (already represents in the piping contractor Isometrics).		Bilfinger	0
1433	B205 - Buffer Storage Tank	□Ramona Carbone	As per WIN005 check completion of Passivation	□Ramona Carbone	Bilfinger	0

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Number 1434	System B205 - Buffer Storage Tank	Author □ Ramona Carbone	Description Test TS01.2.03 - For the ISOs showing the battery limits, counter flange is not represented. BLF to update the ISOs showing the coulter flange and the relevant heat number. No weld indication must be represented (already represents in the piping contracto	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1435	B206 - Buffer Storage Tank	☐ Ramona Carbone	As per WIN005 check completion of Passivation	□Ramona Carbone	Bilfinger	0
1436	B206 - Buffer Storage Tank	☐ Ramona Carbone	Some components are not passivated by PG.	□Ramona Carbone	Bilfinger	0
1437	R118 - Media Preparation T	「ank R₂ฆ์๗๗ ๒a Carbone	Passivation certificates check cannot be completed because piping installation is not	□Ramona Carbone	Bilfinger	0
			completed aouside of the skids			
1438	R118 - Media Preparation T	「ank R25000 ba Carbone	Some components are not passivated by PG.	□Ramona Carbone	Bilfinger	0
1439	R152 - Media Preparation T	「ank ମଈଉଉରା a Carbone	Passivation certificates check cannot be completed because piping installation is not	□Ramona Carbone	Bilfinger	0
			completed aouside of the skids			

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Number	System	Author	Description	Responsible	Supplier	Status
1440	R152 - Media Preparation T	ank Rannon la Carbone	TSE/BSE Cetrificate for the whole centrifuge system to be provided by GEA Westfalia	□Ramona Carbone	Bilfinger	0
			is missing			
1441	F483 - Centrifuge	□Ramona Carbone	Heat gain calculation for power MCC cabinet is missing	□Ramona Carbone	Bilfinger	0
1442	F483 - Centrifuge	□Ramona Carbone	New WFI pressure reducer X910 has been installed _x000D_	□Ramona Carbone	Bilfinger	0
			replacing the previous one.			

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Number

1443

System

F483 - Centrifuge

Author	Description	Responsible	Supplier	Status
□Ramona Carbone	Test 7.1.7 foresees to check that PMI analysis has been performed _x000D_	□Ramona Carbone	Bilfinger	0
	on materials that are not covered by direct related certificatex000D_			
	This is the case for disks. These pieces are fabricated from row material SS 316L			
	sheets. Raw materials are covered by certificates (not available at the moment), but			
	GEA cannot guarantee from which specific raw sheets the disks are fabricated.			
	According to test instructions and acceptance criteria, test is passed, also because the			
	materials are the correct ones (316L / 1.4401-1.4404). This approach is deviating from			
	requirement to have each material piece certified specific certificate for traceability			
	purposex000D_			
	First possibility GEA to provide set of certificates for stock of raw material and			
	declaration from GEA that the disks are fabricated from this stockx000D_			
	Second possibility can be to exchange the full set of disks with one set singularly laser			
	engraved to have direct reference to a certificate: Not to be considered_x000D_			
	Third possibility can be to re-perform PMI test 100%x000D_			
	Fourth possibility is to accept the percentage of PMI done by GEA (one disk checked			
	each 10 disks + upper disk + lower disk): Not to be considered			

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Number	System	Author	Description	Responsible	Supplier	Status		
1444	F483 - Centrifuge	□Ramona Carbone	GEA is using lubricants on parts potentially in product contactx000D_	□Ramona Carbone	Bilfinger	0		
			GEA is using grease in parts in product contactx000D_					
			GEA states also that especially greases cannot be avoided for normal functioning of the					
			machine itself.					
1445	F483 - Centrifuge	□Ramona Carbone	Test 7.2.2_x000D_	□Ramona Carbone	Bilfinger	0		
			GA drawing / Piping plan P1451648067-9908-3DM001 to be updated according to	1				
			comments listed in the FAT protocol attachment 1 to test 7.2.2					

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Number	System	Author	Description	Responsible	Supplier	Status
1446	F483 - Centrifuge	□Ramona Carbone	Test 7.2.3_x000D_	□Ramona Carbone	Bilfinger	0
			Set of isometric drawings P1451648067-9908-ISO001/015 to be updated according to	•		
			comments listed in the FAT protocol attachment 2 to test 7.2.2			
1447	F483 - Centrifuge	□Ramona Carbone	Test 7.2.9_x000D_	□Ramona Carbone	Bilfinger	0
			List of calibration certificates to be updated according to the comments of the	•		
			attachment 1 of test 7.2.9			

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Number 1448	System F483 - Centrifuge	Author □Ramona Carbone	Description General_x000D_ Product inlet and outlet line to/from the centrifuge skid to be drained after production phase, pause water, water run (SIP?)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1449	F483 - Centrifuge	□Ramona Carbone	Test 7.3.1_x000D_ UPS related devices labels shall be green background with white letters.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status	
1450	F483 - Centrifuge	□Ramona Carbone	Test 7.3.1_x000D_	□Ramona Carbone	Bilfinger	0	
			Electrical wiring diagram to be updated according to comments on rev. F (re-test	of			
			FAT test 7.3.1)				
1451	F483 - Centrifuge	□Ramona Carbone	Test 7.4.1 / 7.4.2 / 7.4.3_x000D_	□Ramona Carbone	Bilfinger	0	

FDS to be updated according to comments on rev. B

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Number	System F483 - Centrifuge	Author □Ramona Carbone	Description General / test 7.4.3_x000D_	Responsible Ramona Carbone	Supplier Bilfinger	Status
			With reference to point n° 30, drainability test has been executed: Run 1 and Run 2	2		
			(ref. attachment n° 3 and n° 7 of test 7.4.3).			
1453	F483 - Centrifuge	□Ramona Carbone	Test 7.4.13_x000D_	□Ramona Carbone	Bilfinger	0
			Maximum noise level measured at 1m from the machine is 81dBA, against a maximum	1		
			acceptable value of 75dB (according to URS).			

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Number	System	Author	Description	Responsible	Supplier	Status			
1454	F483 - Centrifuge	□Ramona Carbone	Test 7.3.10_x000D_	□Ramona Carbone	Bilfinger	0			
			According to the acceptance criteria the test is passed, nevertheless attachments #	1					
			and #2 (set-up of parameters) to the test shall be included in the technical	ıl					
			documentation according to VDR (Programmable devices set-up (including VFD))						
1455	F483 - Centrifuge	□Ramona Carbone	Test 7.4.6 / 7.4.7_x000D_	□Ramona Carbone	Bilfinger	0			

according to comments on the document attached to test 7.4.6

Document "Set point access authorization HMI" n° 8187-9058-938 to be updated

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Number	System	Author	Description	Responsible	Supplier	Status			
1456	F483 - Centrifuge	□Ramona Carbone	Test 7.4.8 / 7.4.10_x000D_	□Ramona Carbone	Bilfinger	0			
			Test 7.4.8 "Check of recipe management" and test 7.4.10 "Check of batch report" are						
			not applicable since the two functionalities are not requested for this machine. The two						
			tests have not been performed during FAT (neither during PRE-FAT by GEA)						
1457	F483 - Centrifuge	□Ramona Carbone	Test 7.4.18_x000D_	□Ramona Carbone	Bilfinger	0			

because documents are missing

Documentation check according to agreed Index of documentation has negative results

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Number 1458	System F483 - Centrifuge	Author □Ramona Carbone	Description Test 7.4.18_x000D_ Agreed index of documentation to be updated according to comments of attachment 1	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
			to test 7.4.18			
1459	F483 - Centrifuge	□Ramona Carbone	Test 7.4.18_x000D_ Documentation check according to contractual VDR has negative results because documents are missing	□Ramona Carbone	Bilfinger	0

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	PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:58			
Author	Description	Responsible	Supplier	Status
□Ramona Carbone	Test 7.4.18_x000D_	□Ramona Carbone	Bilfinger	0
	According to contractual VDR CE marking Declaration is needed. This certificate	is		
	missing for all components (mechanical / instruments / electrical).			

According to VDR, after positioning and installation (by others), machine correct

System

F483 - Centrifuge

F483 - Centrifuge

□Ramona Carbone

Test 7.4.18_x000D_

installation certificate is required by GEA

Number 1460

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0

Bilfinger

□Ramona Carbone

	PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:58							
Number	System	Author	Description	Responsible	Supplier	Status		
1462	F483 - Centrifuge	□Ramona Carbone	Test 7.4.18_x000D_	□Ramona Carbone	Bilfinger	0		
			According to VDR the following procedures are missing:_x000D_					
			- Finishing and painting procedure specification_x000D_					
			- Grounding test procedure_x000D_					
			- Hydrostatic & Pneumatic test procedure _x000D_					
			- Cleaning & flushing procedure_x000D_					
			- Equipment passivation procedure_x000D_					

- Mechanical polishing procedure specification_x000D_

- NDT Procedure

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Number	System	Author	Description	Responsible	Supplier	Status
1463	F483 - Centrifuge	□Ramona Carbone	Test 7.4.3_x000D_	□Ramona Carbone	Bilfinger	0
			The software foresees that some signals / alarms are part of the "Common fault". When			
			Common fault occurs, the Centrifuge activates the step "shut down" that is part of the			
			program "Normal Slowdown". The normal shutdown doesn't power off the VFD, but the			
			VFD is commanded to generate a negative ramp in order to slowdown the motor			
			quicklyx000D_			
			In case the emergency push button is activated, the Centrifuge activates the step "shut			
			down" that is part of the program "Slowdown for e-stop". Slow down for e-stop powers			
			off the VFD and this means that the motor is in inertial free rotation, and it stops rotating			
			after a certain time.			

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Number 1464	System F483 - Centrifuge	Author □Ramona Carbone	Description Test 7.4.5 (Check of Data Interface) Document Data Exchange List rev. D to be updated	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1465	F483 - Centrifuge	□Ramona Carbone	Test 7.1.8_x000D_ With reference to att. 2 to tests 7.1.8 page 34 of 110 (drawing n° 3438-4323-019) a weld seam indication is missing.	□Ramona Carbone	Bilfinger	0

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	PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:58						
Number	System	Author	Description	Responsible	Supplier	Status	
1466	F483 - Centrifuge	□Ramona Carbone	Test 7.1.8_x000D_	□Ramona Carbone	Bilfinger	0	
			With reference to att. 2 to tests 7.1.8 page 37 of 110 (drawing n° 3438-4323-022))			
			identification of manual weld instead of the orbital to be indicated				
1467	F483 - Centrifuge	□Ramona Carbone	Test 7.1.9_x000D_	□Ramona Carbone	Bilfinger	0	

Certificate of re-electropolishing of the hood after reworking of CIP inlet lines

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Number 1468	System F483 - Centrifuge	Author □Ramona Carbone	Description Back-up of the software before internal tests and FAT _x000D_ starting is not formally mentioned by GEA	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1469	F483 - Centrifuge	□Ramona Carbone	Cold water Loopo, pressure test to be completed	□Ramona Carbone	Bilfinger	0
1470	EPI3-D(Fr) - Eau Pour Injec	ction Raroid) a Carbone	BWT Tag numbers only no PO raised yet for Tags	□Ramona Carbone	Bilfinger	0
1471	EPI3-G&S - EPI Generation	n & Starage a Carbone	BWT Tag numbers only no PO raised yet for Tags	□Ramona Carbone	Bilfinger	0
1472	EPI3-G&S - EPI Generation	n &⊑ SRarrage a Carbone	BWT Tag numbers only no PO raised yet for Tags	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1473	EPI3-D(Fr) - Eau Pour Injecti	ion Raroid)a Carbone	BWT Tag numbers only no PO raised yet for Tags	□Ramona Carbone	Bilfinger	0
1474	F483 - Centrifuge	□Ramona Carbone	Bottom nozzle tolerance not possible to check because bottom valve is installed.	□Ramona Carbone	Bilfinger	0
1475	R205 - Buffer Preparation Ta	nk Rannol na Carbone	Agitator not present; mixing group not possible to check. Flatness of flange not possible to check.	□Ramona Carbone	Bilfinger	0
1476	R205 - Buffer Preparation Ta	nrk r2900@ lna Carbone	Studs (goujon) too shorts on some nozzles	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1477	R205 - Buffer Preparation Ta	ank R2000 lna Carbone	Load cells not installed, no check done	□Ramona Carbone	Bilfinger	0
1478	R205 - Buffer Preparation Ta	ank R2000 lna Carbone	Tolerance on diameter of ingold plugs not checked because final components not	□Ramona Carbone	Bilfinger	0
			installed (sampling, conductivity,)			
1479	R205 - Buffer Preparation Ta	ank Randu na Carbone	Degree of ingold port not aligned for the following nozzles: _x000D_	□Ramona Carbone	Bilfinger	0
			N86 (sample) nad N91 (spare)			

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Number	System	Author	Description	Responsible	Supplier	Status
1480	R205 - Buffer Preparation Ta	ank Randu na Carbone	Dimensions of dip tube cannot be checked, sprayball internals not checked - sprayballs	□Ramona Carbone	Bilfinger	0
			and dip tube not installed.			
1481	R205 - Buffer Preparation Ta	ank R2900 dna Carbone	All tank nozzles and valves are not tagged	□Ramona Carbone	Bilfinger	0
1482	R205 - Buffer Preparation Ta	ank R2000 dna Carbone	ISO PC/D 205-6: one weld on Dip tube is temporary.	□Ramona Carbone	Bilfinger	0
1483	R205 - Buffer Preparation Ta	ank R2000 dna Carbone	The following components are not installed and not available: V503 - P101 - W101 -	□Ramona Carbone	Bilfinger	0
			X111 - Y811 & G811 - I 111 - P102 - X101 - T101 - M101			

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Number	System	Author	Description	Responsible	Supplier	Status
1484	R205 - Buffer Preparation Tank R2900 Carbone		Instruments fitting not checked because istruments not available.	□Ramona Carbone	Bilfinger	0
1485	R205 - Buffer Preparation T	ank R2000 dna Carbone	Vessel drawing is not in 'As built' revision	□Ramona Carbone	Bilfinger	0
1486	R205 - Buffer Preparation T	ank R2000 dna Carbone	Manufacturer's name plate is not available in the DOE	□Ramona Carbone	Bilfinger	0
1487	R205 - Buffer Preparation T	ank R2000 dna Carbone	Insulation documents are not available	□Ramona Carbone	Bilfinger	0
1488	R205 - Buffer Preparation T	ank R 2900 0 na Carbone	Material certificate list, 2 items numbers are missing below items 12 and 14.	□Ramona Carbone	Bilfinger	0

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Number 1489	System R205 - Buffer Preparation Ta	Author ink Rano dina Carbone	Description Material certificate list, item N39, Ht number for flange according to DIN 11864-3 and not for DIN 11864-2	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1490	R205 - Buffer Preparation Ta	nk Rano dna Carbone	Material certificate list, item N80, standard- Ht Nb and cert. Nb are missing	□Ramona Carbone	Bilfinger	0
1491	R205 - Buffer Preparation Ta	nk R2900 lna Carbone	Material certificate list, item N15, the drawing Nb is missing	□Ramona Carbone	Bilfinger	0

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Number 1492	System R205 - Buffer Preparation Ta	Author ank R290 @ina Carbone	Description Material certificate list, item N13, the drawing Nb-Standard-Ht Nb and cert. Nb are missing	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1493	R205 - Buffer Preparation Ta	ank Randu na Carbone	Material certificate of gaskets are missing: missing for the manhole and agitators.	□Ramona Carbone	Bilfinger	0
1494 1495	R205 - Buffer Preparation Ta		Spray ball and diptubes documents are missing Items 25 and 26 for a te and a reduction are missing.	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1496	R205 - Buffer Preparation T	ank Randu na Carbone	Welding Log - Welds 405A to D are missing	□Ramona Carbone	Bilfinger	0
1497	R205 - Buffer Preparation T	ank R2000 dna Carbone	Accessory welding documents are missing	□Ramona Carbone	Bilfinger	0
1498	R205 - Buffer Preparation T	ank R2000 dna Carbone	Degreasing/passivation certificate is missing	□Ramona Carbone	Bilfinger	0
1499	R205 - Buffer Preparation T	ank R2000 dna Carbone	Flushing / drying procedure and certificates are missing	□Ramona Carbone	Bilfinger	0
1500	R205 - Buffer Preparation T	ank R2000 dna Carbone	Notified Body's design examination is missing	□Ramona Carbone	Bilfinger	0
1501	R205 - Buffer Preparation T	ank R2000 dna Carbone	Notified Body's CE attestation is missing. This point is not blocking the MC. It's	□Ramona Carbone	Bilfinger	0
			conditionally accepted by NVS management.			

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Number	System	Author	Description	Responsible	Supplier	Status
1502	R205 - Buffer Preparation Ta	ank R2000 lna Carbone	Maintenance log is missing	□Ramona Carbone	Bilfinger	0
1503	R205 - Buffer Preparation Ta	ank R29000 lna Carbone	Weldings information (heat number and certificate number) missing on the isometrics.	□Ramona Carbone	Bilfinger	0
1504	R205 - Buffer Preparation Ta	anƙ rænoù na Carbone	All lines are identified with a temporary label.	□Ramona Carbone	Bilfinger	0
1505	R205 - Buffer Preparation Ta	ank R2000 dna Carbone	Sprayball iso not according to the constructed piece: upper part longer.	□Ramona Carbone	Bilfinger	0
1506	R205 - Buffer Preparation Ta	ank Randu na Carbone	Drainability test failed at the position of the blank flange (not according to same profile	□Ramona Carbone	Bilfinger	0
			as the real flange on agitator).			

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Number 1507	System R205 - Buffer Preparation Ta	Author ank R2900 dna Carbone	Description CIP line number on Isometric for bottom valve ISO 40-BUFFER-EG16N40-R205-R205 does not match P&ID	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1508 1509	R205 - Buffer Preparation Ta		Agitator not installed, test cannot be carried out Agitator not installed, level strapping test carried out does not reflect true volumes	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
1510	R205 - Buffer Preparation Ta	ank Randu na Carbone	Volumes measured do not match vessel drawing	□Ramona Carbone	Bilfinger	0

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Number 1511	System R205 - Buffer Preparation Ta	Author ank Ran oodna Carbone	Description Sprayball documentations (drawings, iso,) not aligned with try n°2 of sprayball coverage test.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1512	R205 - Buffer Preparation Ta	ank R2900 lna Carbone	Construction drawing to be updated with modifications concerning the new agitator to be installed.	□Ramona Carbone	Bilfinger	0
1513	R205 - Buffer Preparation Ta	ank R2900 dina Carbone	Leak pressure test not performed	□Ramona Carbone	Bilfinger	0 Page 236/535

Number 1514	System R205 - Buffer Preparation Ta	Author ank R290 @ina Carbone	Description n° 05, 16: hardware devices description in the wiring diagrams hardware list does not match with the installed hardware	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1515	B205 - Buffer Storage Tank	□Ramona Carbone	n° 06: missing or wrong cable labels on the terminals inside control cabinet.	□Ramona Carbone	Bilfinger	0
1516	B205 - Buffer Storage Tank	□Ramona Carbone	n° 08, 14: some labels in the control cabinet are not correct (wrong description/wrong colors).	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1517	B205 - Buffer Storage Tank	□Ramona Carbone	n° 01: hardware documentation of electrical components of the cabinet is missing	□Ramona Carbone	Bilfinger	0
1518	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: cabinet manufacturer's self-check sheet is missing	□Ramona Carbone	Bilfinger	0
1519	B205 - Buffer Storage Tank	□Ramona Carbone	n° 03: cabinet CE certificate is missing	□Ramona Carbone	Bilfinger	0
1520	B205 - Buffer Storage Tank	□Ramona Carbone	n° 01: MCB after redundant 24V supply module shall be different type and not	□Ramona Carbone	Bilfinger	0
			Schneider (rate is not correct)			

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Number 1521	System B205 - Buffer Storage Tank	Author □Ramona Carbone	Description n° 02: vent device with filter is to be installed on the cabinet to prevent overpressure in case of air leak on pneumatic circuit inside the cabinet	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1522	B205 - Buffer Storage Tank	□Ramona Carbone	$\ensuremath{\text{n}^{\circ}}$ 05: earthing of the skid: wiring of the earthing cable/cords on the skid is completely missing	□Ramona Carbone	Bilfinger	0
1523	B205 - Buffer Storage Tank	□Ramona Carbone	n° 11: some cabling on instrument have been bent too much, this will damage the cable in a short time	□Ramona Carbone	Bilfinger	0

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Number 1524	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description n° 08: PROFIBUS cable numbering is not as per Novartis procedure	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1525	B205 - Buffer Storage Tank	□Ramona Carbone	n° 10, 14: cable colors for 24V: brown is + white isx000D_ as per colour code: some cables on wiring diagram are inverted	□Ramona Carbone	Bilfinger	0
1526	B205 - Buffer Storage Tank	□Ramona Carbone	n° 01: instrument list not available; the test has been executed with the P&lds as a reference document	□Ramona Carbone	Bilfinger	0

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Num	nber System	Author	Description	Responsible	Supplier	Status
1527	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: instruments missing: bursting disk	- □Ramona Carbone	Bilfinger	0
1528	B205 - Buffer Storage Tank	□Ramona Carbone	$\ensuremath{n^\circ}$ 02: TT101 (tank bottom temp): the wrong instruments type is installed (TR15 non	□Ramona Carbone	Bilfinger	0
			aseptic instead of TM411 aseptic)			
1529	B205 - Buffer Storage Tank	□Ramona Carbone	instrument configuration sheets are not available; the test cannot be executed	□Ramona Carbone	Bilfinger	0
1530	B205 - Buffer Storage Tank	□Ramona Carbone	(safety system - installation fallback) internal tests has not been verified during FAT.	□Ramona Carbone	Bilfinger	0

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		-				
Number	System	Author	Description	Responsible	Supplier	Status
1531	B205 - Buffer Storage Tank	□Ramona Carbone	n° 14: some wires are missing (field device not wired - V001, V922, V930, V963, V992,	□Ramona Carbone	Bilfinger	0
			air supply - earth wire missing on XRINT.02)			
1532	B205 - Buffer Storage Tank	□Ramona Carbone	n° 14: load cells are not installed under the tank, the wires are not layed down to the cabinet, the cable ways are not present on the skid	□Ramona Carbone	Bilfinger	0
1533	B205 - Buffer Storage Tank	□Ramona Carbone	n° 06. wrong colour of terminal indicated on wiring diagram	□Ramona Carbone	Bilfinger	0
					F	Page 242/535

Number 1534	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description n° 02: digital input loop check failure:_x000D_ GSH-811 rupture disk: disk not installed	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1535	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V954, V961, V003, V004 valves not installed	□Ramona Carbone	Bilfinger	0
1536	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V401, not possible to command it	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1537	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_	□Ramona Carbone	Bilfinger	0
			V701, pneumatic connetion on the valve is wrong			
1538	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V502, wrong connection on FESTO block	□Ramona Carbone	Bilfinger	0
1539	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V001, V922, V930, V963, V992 are loose valves	□Ramona Carbone	Bilfinger	0

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Number 1540	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description n° 03: analogue input loop check failure:_x000D_ TT982, TT980: RM042 transducer in the cabinet not configured	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1541	B205 - Buffer Storage Tank	□Ramona Carbone	n° 04: analogue output (control valve) loop check failure:_x000D_ R701: valve actuator seems not properly configured	□Ramona Carbone	Bilfinger	0
1542	B205 - Buffer Storage Tank	□Ramona Carbone	n° 03: analogue input loop check failure:_x000D_ W101: weighing cells not installed and not wired	□Ramona Carbone	Bilfinger	0

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Number 1543	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description cabinet is not clean, lot of construction material is around	Responsible Ramona Carbone	Supplier Bilfinger	Status
1544	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: missing information on the CE label: max lcc that the cabinet can sustainx000D_ A second label with the client data is missing	□Ramona Carbone	Bilfinger	0
1545	B205 - Buffer Storage Tank	□Ramona Carbone	$\ensuremath{\text{n}^{\circ}}$ 09: poor fixing of part of the piping/cable trays supports on the top of the buffer storage tanks	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1546	B205 - Buffer Storage Tank	□Ramona Carbone	n° 11/TS02.3.05: due to the works in progress it is not possible to check cable trays	□Ramona Carbone	Bilfinger	0
			completeness, clashes and interference, holes and openings			
1547	B205 - Buffer Storage Tank	□Ramona Carbone	n° 12/TS02.3.05 - n° 03: some rilsan pipes are touching CIP pipes - near valve	□Ramona Carbone	Bilfinger	0
			V952_x000D_			
			T980 cable is touching the steam pipe.			

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Number	System	Author	Description	Responsible	Supplier	Status
1548	B205 - Buffer Storage Tank	□Ramona Carbone	this test refers to the check of the calibration of instruments, it is not foreseen during	□Ramona Carbone	Bilfinger	0
			FAT			
1549	B205 - Buffer Storage Tank	□Ramona Carbone	n° 14: the cabling of the terminal block XREXT.03 is done in a different way from the	□Ramona Carbone	Bilfinger	0
			other cabinets, this is not good for maintenance.		90	
1550	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: the profibus address of Festo block is wrong	□Ramona Carbone	Bilfinger	0
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Number	System	Author	Description	Responsible	Supplier	Status
1551	B205 - Buffer Storage Tank	□Ramona Carbone	LOTO valves not installed	□Ramona Carbone	Bilfinger	0
1552	B205 - Buffer Storage Tank	□Ramona Carbone	To perform passivation, the mechanical interlock on the Festo Clusters is removed to	□Ramona Carbone	Bilfinger	0
			operate the valves.			
1553	B205 - Buffer Storage Tank	□Ramona Carbone	All lines are identified with a temporary label; some of the components are identified	□Ramona Carbone	Bilfinger	0
			with temporary label: Few components are not identified.			

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Number 1554	System B205 - Buffer Storage Tank	Author □Ramona Carbone	Description ISO 50-BUFFER-EG16N40-B204-O41 folio 1 of 2: line partially not installed.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1555	B205 - Buffer Storage Tank	□Ramona Carbone	Weldings information (heat number, certificate) missing on the isometrics.	□Ramona Carbone	Bilfinger	0
1556	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIPR-EG16N40-B204-048 folio 1 of 1: Slope on flexible X961 not verified because not installed.	□Ramona Carbone	Bilfinger	0

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Number 1557	System B205 - Buffer Storage Tank	Author □Ramona Carbone	Description ISO 40-CIPR-EG16N40-B204-049 folio 1 of 1: Slope on flexible X941 not verified because not installed.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1558	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 40-ERF-EG16N40-B204-060 folio 1 of 2: Slope on flexible X702 not verified because not installed.	□Ramona Carbone	Bilfinger	0
1559	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 50-BUFFER-EG16N40-B204-050 folio 2 of 3: Slope on flexible X401 not verified because not installed.	□Ramona Carbone	Bilfinger	0

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Number 1560	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description ISO 40-ACP-EG16N40-B204-043 folio 2 of 2: Pressure Indicator P-500 missing on the filter F1 top.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1561	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIPR-EG16N43-B204-051 folio 2 of 2: line not installed.	□Ramona Carbone	Bilfinger	0
1562	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 15-G-N2P-EG18X40-B204-061 folio 1 of 1: line not installed.	□Ramona Carbone	Bilfinger	0

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Number 1563	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description ISO 50-CIP-EG16N40-B204-088 folio 1 of 1: line not installed.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1564	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIP-EG16N40-B204-188: line not installed, iso not available.	□Ramona Carbone	Bilfinger	0
1565	B205 - Buffer Storage Tank	□Ramona Carbone	On the Equipment List line numbers not compliant with P&ID and few datasheet revision not compliant with the datasheets.	□Ramona Carbone	Bilfinger	0

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Number 1566	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description Reference on equipment list for Manual Ball Valve Mecainox cannot be verified on istalled valve.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1567	B205 - Buffer Storage Tank	□Ramona Carbone	Isometrics not conform to the P&ID: some lines indicated with different numbers.	□Ramona Carbone	Bilfinger	0
1568	B205 - Buffer Storage Tank	□Ramona Carbone	Weld numbers for the welds done directly on the skid (between two different isos) missing on the ISO.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1569	B205 - Buffer Storage Tank	□Ramona Carbone	Continuity not according to P&ID	□Ramona Carbone	Bilfinger	0
1570	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 40-CIP-EG16N40-B204-049 to be updated with the new flange added for handling	□Ramona Carbone	Bilfinger	0
			reason.			
1571	B205 - Buffer Storage Tank	□Ramona Carbone	P&ID to be updated adding the new flange on line 40-CIP-EG16N40-B204-049 (for	□Ramona Carbone	Bilfinger	0
			handling reason).			

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Number	System	Author	Description	Responsible	Supplier	Status
1572	B205 - Buffer Storage Tank	□Ramona Carbone	risk assessment not available	□Ramona Carbone	Bilfinger	0
1573	B205 - Buffer Storage Tank	□Ramona Carbone	Welder qualification test certificate report YAL is missing.	□Ramona Carbone	Bilfinger	0
1574	B205 - Buffer Storage Tank	□Ramona Carbone	Isometrics for Line 40-VP2-EG16N44-B204-076 and 8-VP2-EG16N44-B204-099 are	□Ramona Carbone	Bilfinger	0
			missing.			
1575	B205 - Buffer Storage Tank	□Ramona Carbone	Item #H505, SG012, V922, V930, V963, V992, X101 and X811 : Certificate numbers	□Ramona Carbone	Bilfinger	0
			missing hence unable to view VTOD.			

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Number 1576	System B205 - Buffer Storage Tank	Author □Ramona Carbone	Description Item # X101 : Material certificate 3.1 is not identified on equipment list	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1577	B205 - Buffer Storage Tank	□Ramona Carbone	Item #XP102, P103, P500, X501 and X922 : Error on the equipment list. Material Certificate 2.1 is not available.	□Ramona Carbone	Bilfinger	0
1578	B205 - Buffer Storage Tank	□Ramona Carbone	Item #X922 : FDA certificate not identified on equipment list	□Ramona Carbone	Bilfinger	0

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Number 1579	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description Item #H920, H922, H923, V503, X501 and X922 : BSE certificate not identified on equipment list	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1580	B205 - Buffer Storage Tank	□Ramona Carbone	Item #V401, V503, X922, X071 and X072 : Roughness certificate not identified on equipment list	□Ramona Carbone	Bilfinger	0
1581	B205 - Buffer Storage Tank	□Ramona Carbone	Item #V401, V503, X501 and X922 : EP certificate not identified on equipment list	□Ramona Carbone	Bilfinger	0

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Number 1582	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description Item #H501, H504 and P103 and X504 : Heat number incorrect on equipment list	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1583	B205 - Buffer Storage Tank	□Ramona Carbone	Item #H920, H922, H923, LG013, V701, X504, X922 and Y811: Heat number not identified on equipment list	□Ramona Carbone	Bilfinger	0
1584	B205 - Buffer Storage Tank	□Ramona Carbone	Technical documentation (manual, operating instruction) missing	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1585	B205 - Buffer Storage Tank	□Ramona Carbone	Isometrics for Line 40-VP2-EG16N44-B204-076, 8-VP2-EG16N44-B204-099 and	□Ramona Carbone	Bilfinger	0
			50-CIP-EG16N40-B204-188 are missing.			
4500	DOOF Duffer Change Toul	Damara Carbana	Test TCO4.2.42. Decrease videos missing for various welds on the following	- Damana Carbana	Differen	0
1586	B205 - Buffer Storage Tank	⊔Ramona Carbone	Test TS01.2.12 - Borescope videos missing for various welds on the following	⊔Ramona Carbone	Bilfinger	0
			isometric:_x000D_			
			welds #7, 22, 24 and 33 on ISO 50 BUFFER-EG16N40-B204-041 Folio 1/2_x000D_			
			welds #2, 4 and 7 on ISO 50-BUFFER-EG16N40-B204-041 Folio 2/2_x000D_			
			welds #2, 4 and 5 on ISO 15-ACP-EG16N43-B204-045 Folio 1/1_x000D_			
			welds #1, 8, 12, 14, 16 and 17 on 50-CIPR-EG16N40-B204-048 Folio 1/1_x000D_			
			welds #11, 13, 15 and 18 on ISO 40-CIP-EG16N40-B204-049 Folio 1/1_x000D_			
			welds #1, 2, 3 and 4 on ISO 50-BUFFER-EG16N40-B204-050 Folio 1/3_x000D_			
			weld #12 on ISO 50-CIPR-EG16N43-B204-051 Folio 1/2_x000D_			
			welds #1 and 2 on 50-CIP-EG16N40-B204-088 Folio 1/1			

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Number 1587	System B205 - Buffer Storage Tank	Author □Ramona Carbone	Description ISO 40-ACP-EG16N43-B204-044 Folio 1 : Weld #04, welding information missing from welding book	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1588	B205 - Buffer Storage Tank	□Ramona Carbone	Test TS01.2.12 - No access to conduct visual and video borescope checks for various welds on the following lines:_x000D_ welds #5, 6, 7 on ISO 50-CIPR-EG16N40-B204-048 Folio 1/1_x000D_	□Ramona Carbone	Bilfinger	0
			weld #9 on ISO 40-CIP-EG16N40-B204-049 Folio 1/1			

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Number	System	Author	Description	Responsible	Supplier	Status
1589	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIPR-EG16N43-B204-051 Folio 2, Welds #5, 6 : welds to be executed on construction site	□Ramona Carbone	Bilfinger	0
1590	B205 - Buffer Storage Tank	□Ramona Carbone	BSE/TSE free certificate and FDA (or USP) certificate missing for all the gaskets installed on pipes.	□Ramona Carbone	Bilfinger	0
1591	B205 - Buffer Storage Tank	□Ramona Carbone	test not completely performed, gasket material not checked.	□Ramona Carbone	Bilfinger	0
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Number	System	Author	Description	Responsible	Supplier	Status
1592	B205 - Buffer Storage Tank	□Ramona Carbone	some heat numers missing on the isometric nomenclature document.	□Ramona Carbone	Bilfinger	0
1593	B205 - Buffer Storage Tank	□Ramona Carbone	Test TS01.2.12 - on the weld log RTU-PR-S-121, the column C/NC (checked/non	□Ramona Carbone	Bilfinger	0
			checked) is not ticked on the following isometrics:_x000D_			
			50-BUFFER-EG16N40-B204-041 Folio 1/2_x000D_			
			10-ACP-EG16N40-B204-043 Folio 1/1_x000D_			
			40-ACP-EG16N40-B204-043 Folio 2/2_x000D_			
			50-CIPR-EG16N40-B204-048 Folio 1/1_x000D_			
			8-CIP-EG16N40-B204-049 Folio 1/1_x000D_			
			40-CIP-EG16N40-B204-049 Folio 1/1_x000D_			
			50-CIPR-EG16N43-B204-051 Folio 2/2			

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Number 1594	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description Line 40-CIP-EG16N40-B204-049: second flange to be added for maintenance of the flange already installed below valve V931.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1595	B205 - Buffer Storage Tank	□Ramona Carbone	Safety clamp not installed on the top of the filter F1 (manometer nozzle).	□Ramona Carbone	Bilfinger	0
1596	B205 - Buffer Storage Tank	□Ramona Carbone	Pressure test on lines performed according to fluid list pressure values, but documentation missing.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1597	B205 - Buffer Storage Tank	□Ramona Carbone	Studs (goujon) too shorts on some nozzles	□Ramona Carbone	Bilfinger	0
1598	B205 - Buffer Storage Tank	□Ramona Carbone	Load cells not installed, no check done	□Ramona Carbone	Bilfinger	0
1599	B205 - Buffer Storage Tank	□Ramona Carbone	Tolerance on diameter - sprayballs and diptube not installed	□Ramona Carbone	Bilfinger	0
1600	B205 - Buffer Storage Tank	□Ramona Carbone	Tolerance on diameter of ingold plugs not checked because final components not	□Ramona Carbone	Bilfinger	0
			installed (sampling, conductivity,)			

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Number	System	Author	Description	Responsible	Supplier	Status
1601	B205 - Buffer Storage Tank	□Ramona Carbone	Sprayballs missing	□Ramona Carbone	Bilfinger	0
1602	B205 - Buffer Storage Tank	□Ramona Carbone	Degree of ingold port not aligned for the following nozzles: N79 (spare); N89 (spare).	□Ramona Carbone	Bilfinger	0
1603	B205 - Buffer Storage Tank	□Ramona Carbone	The following components are available but not installed: P101 - L111 - P102 - P103 - Y811 + dip tube on nozzle N25 and sprayball on nozzle N39.	□Ramona Carbone	Bilfinger	0
1604	B205 - Buffer Storage Tank	□Ramona Carbone	The following components are not available: W101 - X111 - G811 - X101 - manway sight glass	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1605	B205 - Buffer Storage Tank	□Ramona Carbone	All tank nozzles, Valves and outlet line are not tagged.	□Ramona Carbone	Bilfinger	0
1606	B205 - Buffer Storage Tank	□Ramona Carbone	weldings information (heat number and certificate number) missing on the isometrics.	□Ramona Carbone	Bilfinger	0
1607	B205 - Buffer Storage Tank	□Ramona Carbone	Fitting for the following not available instruments has not been verified: X111 (light glass); X101 (sampling device).	□Ramona Carbone	Bilfinger	0
1608	B205 - Buffer Storage Tank	□Ramona Carbone	Welds indication on isomentric not correct for the following iso: _x000D_ PC/D B205-3; _x000D_ PC/D B205-4; _x000D_ PC/D B205-5.	□Ramona Carbone	Bilfinger	0

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Number 1609	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description Datasheet P16-0052-SP-10 MANWAY rev 1.2: wrong model type indicated on the datasheet (number of lid clamps wrong: 8 instead of 6 indicated on datasheet)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1610	B205 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-65 BURST DISK Y811 rev 1.2: name of supplier and model to be correct.	□Ramona Carbone	Bilfinger	0
1611	B205 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-61 LEVEL SWITCH L111 rev 1.1: tag reference not complete; wrong tag number.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description Responsible	Supplier	Status
1612	B205 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-90 TEMPERATURE INDICATOR T101 1.1: wrong transmitter □Ramona Carbone	Bilfinger	0
			model indicated on the label, but type of transmitter ok.		
1613	B205 - Buffer Storage Tank	□Ramona Carbone	the following datasheets have not been checked because Ramona Carbone	Bilfinger	0
			istruments/equipment/information not available: P16-0052-SP-13 lightglass;		
			P16-0052-SP-14-2 sampling port.		

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Number	System	Author	Description	Responsible	Supplier	Status
1614	B205 - Buffer Storage Tank	□Ramona Carbone	Test Log: sprayball not tagged.	□Ramona Carbone	Bilfinger	0
1615	B205 - Buffer Storage Tank	□Ramona Carbone	the following Instrument are not tagged: _x000D_	□Ramona Carbone	Bilfinger	0
			P101, P102, L111, Y811, X111, X101, G811.			
1616	B205 - Buffer Storage Tank	□Ramona Carbone	for the following ISO not all welds have been done: _x000D_	□Ramona Carbone	Bilfinger	0
			PC/D B205-3; _x000D_			
			PC/D B205-4; _x000D_			
			PC/D B205-5.			

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Number	System	Author	Description	Responsible	Supplier	Status
1617	B205 - Buffer Storage Tank	□Ramona Carbone	Vessel drawing is not in 'As built' revision	□Ramona Carbone	Bilfinger	0
1618	B205 - Buffer Storage Tank	□Ramona Carbone	User Manual is not available	□Ramona Carbone	Bilfinger	0
1619	B205 - Buffer Storage Tank	□Ramona Carbone	Manufacturer's name plate is not available in the DOE	□Ramona Carbone	Bilfinger	0
1620	B205 - Buffer Storage Tank	□Ramona Carbone	Insulation documents are not available	□Ramona Carbone	Bilfinger	0
1621	B205 - Buffer Storage Tank	□Ramona Carbone	Item #6 : Ht Nb 521867 instead of 0521867	□Ramona Carbone	Bilfinger	0
1622	B205 - Buffer Storage Tank	□Ramona Carbone	Item #11 + 14 : Drawing Nb PC201 instead of PC155	□Ramona Carbone	Bilfinger	0
1623	B205 - Buffer Storage Tank	□Ramona Carbone	Item #N81 : Error on the Cert. Nb.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1624	B205 - Buffer Storage Tank	□Ramona Carbone	Item #N2, N4 and N5 : Material certificates not available.	□Ramona Carbone	Bilfinger	0
1625	B205 - Buffer Storage Tank	□Ramona Carbone	Filler metal (1733) - Grade incomplete	□Ramona Carbone	Bilfinger	0
1626	B205 - Buffer Storage Tank	□Ramona Carbone	Item #2 : 2 Different Ht Nb. on the Material Cert.	□Ramona Carbone	Bilfinger	0
1627	B205 - Buffer Storage Tank	□Ramona Carbone	Item #N56 and N57 are missing	□Ramona Carbone	Bilfinger	0
1628	B205 - Buffer Storage Tank	□Ramona Carbone	Material certificate of gaskets are missing: referred only to the manhole gasket	□Ramona Carbone	Bilfinger	0
1629	B205 - Buffer Storage Tank	□Ramona Carbone	Spray ball and diptubes documents are missing	□Ramona Carbone	Bilfinger	0

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Responsible Supplier S	Description	Status
□Ramona Carbone Bilfinger 0	Welds 108 to 143 - Reference to the WPS D53 is missing.	0
□Ramona Carbone Bilfinger 0	Welding Map - Welds 147 to 150 and 405B are missing	0
□Ramona Carbone Bilfinger 0	Welds 307 to 308 - WPS D68-1 is missing	0
FF-MU-100" instead of "EN □Ramona Carbone Bilfinger 0	Welding Log - Welds 407A to 409F - WPS Nb "EN -8-2-FW-FF-MU-100" instead of "EN	0
	-8-2-FW-FF-MU-101"	
□Ramona Carbone Bilfinger 0	Accessory welding documents are missing	0
□Ramona Carbone Bilfinger 0 FF-MU-100" instead of "EN □Ramona Carbone Bilfinger 0	Welds 307 to 308 - WPS D68-1 is missing Welding Log - Welds 407A to 409F - WPS Nb "EN -8-2-FW-FF-MU-100" instead of "EN 18-2-FW-FF-MU-101"	0

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Number	System	Author	Description	Responsible	Supplier	Status
1635	B205 - Buffer Storage Tank	□Ramona Carbone	Flushing / drying procedure and certificates are missing	□Ramona Carbone	Bilfinger	0
1636	B205 - Buffer Storage Tank	□Ramona Carbone	2nd Jacket side hydrostatic test is missing	□Ramona Carbone	Bilfinger	0
1637	B205 - Buffer Storage Tank	□Ramona Carbone	Notified Body's attestation is missingx000D_	□Ramona Carbone	Bilfinger	0
			This Item is not blocking for the MC; it will be conditionally accepted by the			
			Commissioning team.			
1638	B205 - Buffer Storage Tank	□Ramona Carbone	Notified Body's design examination is missing	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1639	B205 - Buffer Storage Tank	□Ramona Carbone	Maintenance log is missing	□Ramona Carbone	Bilfinger	0
1640	B205 - Buffer Storage Tank	□Ramona Carbone	Calculation Notes - PED 97/23/CE instead of 2014/68/CE and MAWT = 10°C instead of	□Ramona Carbone	Bilfinger	0
			0°C			
1641	B205 - Buffer Storage Tank	□Ramona Carbone	Test drainability not performed according to the family approach agreed (test	□Ramona Carbone	Bilfinger	0
			performed on B217)			

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Number 1642	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description Level strapping not performed according to the family approach agreed (test performed on B217)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1643	B205 - Buffer Storage Tank	□Ramona Carbone	Sprayball coverage test not performed according to the family approach agreed (test performed on B217)	□Ramona Carbone	Bilfinger	0
1644	B205 - Buffer Storage Tank	□Ramona Carbone	Name plate has been checked and value for pressure test for the jacket is not in accordance with the construction drawings.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1645	B205 - Buffer Storage Tank	□Ramona Carbone	The sightglass installed on the manway had wrong size (too small): it has been	□Ramona Carbone	Bilfinger	0
			changed according to the tank construction drawing and re-installed.			
1646	B205 - Buffer Storage Tank	□Ramona Carbone	Leak pressure test not performed	□Ramona Carbone	Bilfinger	0
1647	B205 - Buffer Storage Tank	□Ramona Carbone	Tank not completely clean after electropolishing and passivation (issues during	□Ramona Carbone	Bilfinger	0
			sprayball coverage test performed on B217)			

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	PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:58									
Number	System	Author	Description	Responsible	Supplier	Status				
1648	B205 - Buffer Storage Tank	□Ramona Carbone	All components are installed without tag (plastic label) according to NVS standard for	□Ramona Carbone	Bilfinger	0				
			tagging (refer P&ID FAT Protocol attachment 30 to test 4.1.1)							
1649	R118 - Media Preparation Ta	ankR∕am∩na Carhone	Line -002 between flexible X503 and nozzle N006 is not installed (including	□Ramona Carbone	Bilfinger	0				

(Line out of the skid, manufature not possible before installation on site)

components X503 and V503 and fittings)_x000D_

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PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:58										
Number	System	Author	Description	Responsible	Supplier	Status				
1650	R118 - Media Preparation T	ankR 25000 ba Carbone	Line -003 between nozzle N013 and RG/S1-BL002 is not installed including components and fittings (Line out of the skid, manufature not possible before installation on site)		Bilfinger	0				
1651	R118 - Media Preparation T	ank R25000 ba Carbone	Line -001 between nozzle N8 and valve V004 is not installed including components and	□Ramona Carbone	Bilfinger	0				

fittings (Line out of the skid, manufature not possible before installation on site)

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Number	System	Author	Description	Responsible	Supplier	Status				
1652	R118 - Media Preparation T	ankP 25000 loa Carbone	Lines -012 and -013 ERF/ERFR Jacket inlet and outlet are not installed including components and fittings (Line out of the skid, manufature not possible before installation on site))		Bilfinger	0				
1653	R118 - Media Preparation T	ankR 25000 ba Carbone	Lines -042 and -013 (CIP) below the platform are not installed including components and fittings (Line out of the skid, manufature not possible before installation on site)	□Ramona Carbone	Bilfinger	0				

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Number 1654	System R118 - Media Preparation Ta	Author ankR2வெல் a Carbone	Description Line -035 is not installed in the drain collection (Line out of the skid, manufature not possible before installation on site)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1655	R118 - Media Preparation T	ank R256000 ba Carbone	Line -026 (EPIF) crossing the platform is not installed (Line out of the skid, manufature not possible before installation on site)	□Ramona Carbone	Bilfinger	0
1656	R118 - Media Preparation T	ank R25600 ba Carbone	Lines -074, -075, -076, -077 including components and fittings are not installed (Line out of the skid, manufature not possible before installation on site)	□Ramona Carbone	Bilfinger	0

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	PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:58									
Number	System	Author	Description	Responsible	Supplier	Status				
1657	R118 - Media Preparation Ta	ankR 25000 loa Carbone	PG isometric drawings are stuctured in the way that one drawing is collecting more	□Ramona Carbone	Bilfinger	0				
			than one line number. Each isometric includes all the data mentioned in the P&ID (i.e.							
			line numbers, iso breaks, piping class limits, battery limits, etc.)							
1658	R118 - Media Preparation Ta	ank R25000 loa Carbone	Cabinet 341.2.64/J.001 Page 16_x000D_	□Ramona Carbone	Bilfinger	0				
			Main Switch Label missing on drawing.							

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Number	System	Author	Description	Responsible	Supplier	Status
1659	R118 - Media Preparation	Tank R25000 ba Carbone	Cabinet 341.2.64/J.001 Page 16_x000D_	□Ramona Carbone	Bilfinger	0
			Wiring diagram has some unlegible dimenssions (Autocal Printing Issue)			
1660	R118 - Media Preparation	Tank R25000 ba Carbone	Cabinet 341.2.64/J.001 Page 16_x000D_	□Ramona Carbone	Bilfinger	0
			Vertical Dimensions for Emergency Button and Main Switches are not correct:_x000D_			
			Design says 1000mm value is 1018mm and Design says 500mm and is 582mm			

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Number	System	Author	Description	Responsible	Supplier	Status
1661	R118 - Media Preparation Tank P25000ba Carbone		Cabinet 341.2.64/J.001 Page 17_x000D_	□Ramona Carbone	Bilfinger	0
			Wiring diagram has some unlegible dimenssions (Autocal Printing Issue)			
1662	R118 - Media Preparation	TankR 25000 ba Carbone	Cabinet 341.2.64/J.001 Page 17_x000D_	□Ramona Carbone	Bilfinger	0

Grounding and Shielding bars are not all represented nor labelled,_x000D_

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Layout of devices is not as per installation: _x000D_

Many Terminal strips are missing, _x000D_ Location of devices is not correct,_x000D_

The Cablofil in the bottom is not

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Number 1663	System R118 - Media Preparation T	Author FankR25000ba Carbone	Description Cabinet 341.2.64/J.001 Page 18_x000D_ Routing does not show lower cablofil	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1664	R118 - Media Preparation T	「ank R2≨000 ba Carbone	Cabinet 341.2.64/J.001 Page 19_x000D_ Compression Fitting installed at top of cabinet is not shown.	□Ramona Carbone	Bilfinger	0
1665	R118 - Media Preparation T	¯ank R25000 ba Carbone	Cabinet 341.2.64/J.001 Page 20_x000D_ Not all Grounding and Shielding bars are shownx000D_ Earthing and Shielding inteonnections are not reflecting the actual wiring.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status		
1666	R118 - Media Preparation	on Tank R25000 ba Carbone	Cabinet 341.2.64/J.001 Page 21_x000D_	□Ramona Carbone	Bilfinger	0		
			Not all Grounding and Shielding bars are shownx000D_					
			Earthing and Shielding inteonnections are not reflecting the actual wiring.					
1667	R118 - Media Preparation	on Tank R25000 ba Carbone	Cabinet 341.2.64/J.001 Page 260_x000D_	□Ramona Carbone	Bilfinger	0		
			Pneumatic Distribution not represented as installed and labeled:_x000D_					
			- 260D1 and 260D2 have Eight portsx000D_					
			- Manual Valves not represented_x000D_					
			- Spare Ports not represented					

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Number 1668	System R118 - Media Preparation T	Author ankR25000ba Carbone	Description Some correction have been raised on the P&ID (refer P&ID FAT Protocol attachment 30 to test 4.1.1)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1669	R118 - Media Preparation T	ank R25000 ba Carbone	With reference to the lines not installed during the FAT, the P&ID walkdown cannot be considered complete	□Ramona Carbone	Bilfinger	0
1670	R118 - Media Preparation T	ank R25000 ba Carbone	Instrument Calibrations / Hart Data:_x000D_ All verified vendor calibration certificates (except for flowmeters that certify required measuring range) show only standard manufacturer calibrationx000D_ (Example: All Temperature transmitters are calibrated 0 to 150°C where Data Sheet says 0 to 140°C.)	□Ramona Carbone	Bilfinger	0

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Number 1671	System R118 - Media Preparation	Author Tankf 25 000ba Carbone	Description EC conformity declaration of the whole system delivered by PG is missing	Responsible Ramona Carbone	Supplier Bilfinger	Status
1672	R118 - Media Preparation	Tank R25000 ba Carbone	Pictures of boroscopic inspection according to PSP008 are missing even the bosroscopic incpection has been correctly performed	e □Ramona Carbone	Bilfinger	0
1673	R118 - Media Preparation	Tank R25i00o ba Carbone	Documentation check of Operating file for system R118 has not been performed by the document checker	e □Ramona Carbone	Bilfinger	0

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Number 1674	System R118 - Media Preparation T	Author ⁻ ankR 25000 ba Carbone	Description Documentation check of Mechanical Maintenance file for system R118 has not been performed by the document checker	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1675	R118 - Media Preparation T	ank P25000 ba Carbone	Documentation check of Electrical Maintenance file for system R118 has not been performed by the document checker	□Ramona Carbone	Bilfinger	0
1676	R118 - Media Preparation T	⁻ ank r2≨000 ba Carbone	Documentation check according to PG LOD (List of Documentation), contractual VDR and Novartis VTOD chapter for system R118 has not been performed by the document checker		Bilfinger	0

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Number 1677	System R118 - Media Preparation T	Author FankR25000ba Carbone	Description Some corrections have been raised on the datasheets (refer Set of datasheets FAT Protocol attachment 40 to test 4.1.1)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1678	R118 - Media Preparation T	「ank R25600o ba Carbone	PED documentation check has not been executed by the welding inspector during FAT	□Ramona Carbone	Bilfinger	0
1679	R118 - Media Preparation T	「ank R25000b a Carbone	Welding Inspector specific VTOD chapter documentation check has not been executed during FAT	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1680	R118 - Media Preparation Ta	ank R25000 ba Carbone	New measurement of the resistance between main earth bar and different segments of	□Ramona Carbone	Bilfinger	0
			cable conduits will be needed on site			
1681	R118 - Media Preparation Ta	ank P25000 ba Carbone	Cabinet 341.2.64/J.001 General_x000D_ Dual Source Cabinet	□Ramona Carbone	Bilfinger	0
1682	R118 - Media Preparation Ta	ank P25000 ba Carbone	Cabinet 341.2.64/J.003 General_x000D_ Dual Source Cabinet	□Ramona Carbone	Bilfinger	0
1683	R152 - Media Preparation Ta	ank Rannon a Carbone	Cabinet 341.2.64/J.003 Page 16_x000D_	□Ramona Carbone	Bilfinger	0
			Main Switch Label missing on drawing.			

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Number 1684	System R152 - Media Preparation T	Author ank ମ୍ବଈଉଉରା a Carbone	Description Cabinet 341.2.64/J.003 Page 16_x000D_ Wiring diagram has some unlegible dimenssions (Autocal Printing Issue)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1685	R152 - Media Preparation T	ank Rannon a Carbone	Cabinet 341.2.64/J.003 Page 17_x000D_ Wiring diagram has some unlegible dimensions (Autocal Printing Issue)	□Ramona Carbone	Bilfinger	0
1686	R152 - Media Preparation T	ank ମଣ୍ଡଉପଠା a Carbone	Cabinet 341.2.64/J.003 Page 17_x000D_ Layout of devices is not as per electrical drawing (installed cabinet layout is acceptable, drawing to be updated): _x000D_ Many Terminal strips are missing, _x000D_ Location of devices is not correct,_x000D_ Grounding and Shielding bars are	□Ramona Carbone	Bilfinger	0

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Number 1687	System R152 - Media Preparation T	Author ⁻ ank ମ୍ଭଣ୍ଡଉଉ la Carbone	Description Cabinet 341.2.64/J.003 Page 18_x000D_ Routing does not show lower cablofil	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1688	R152 - Media Preparation T	ank ମ୍ବଶ୍ରୀଖରତା a Carbone	Cabinet 341.2.64/J.003 Page 19_x000D_ Compression Fitting installed at top of cabinet is not shown.	□Ramona Carbone	Bilfinger	0
1689	R152 - Media Preparation T	ank ମ୍ଭଶ୍ରୀଉପଦା a Carbone	Cabinet 341.2.64/J.003 Page 20_x000D_ Not all Grounding and Shielding bars are shownx000D_ Earthing and Shielding interconnections are not reflecting the actual wiring.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status	
1690	R152 - Media Preparation T	ank Ramoni a Carbone	Cabinet 341.2.64/J.003 Page 21_x000D_	□Ramona Carbone	Bilfinger	0	
			Not all Grounding and Shielding bars are shownx000D_				
			Earthing and Shielding interconnections are not reflecting the actual wiring.				
1691	R152 - Media Preparation T	ank Ramoni a Carbone	Cabinet 341.2.64/J.003 Page 60_x000D_	□Ramona Carbone	Bilfinger	0	
			Some wire Labels are wrong in diagram				

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Number 1692	System R152 - Media Preparation 1	Author ୮ank ମଣ୍ଡୀଉଡ଼ା a Carbone	Description Cabinet 341.2.64/J.003 Page 80_x000D_ Some wire Labels are wrong in diagram	Responsible □Ramona Carbone	Supplier Bilfinger	Status 0
1693	R152 - Media Preparation T	Tank ମଣ୍ଡାଡିଉଡ଼ା a Carbone	Cabinet 341.2.64/J.003 Page 81_x000D_ Some wire Labels are wrong in diagram	□Ramona Carbone	Bilfinger	0
1694	R152 - Media Preparation 1	Tank ମଣ୍ଡବର୍ପର Carbone	Cabinet 341.2.64/J.003 Page 100_x000D_ ET200 Addressing is wrong	□Ramona Carbone	Bilfinger	0

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Number 1695	System R152 - Media Preparation T	Author 「ank ମଣ୍ଡଉଡୋ a Carbone	Description Cabinet 341.2.64/J.003 Page 101_x000D_ ET200 Addressing is wrong	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1696	R152 - Media Preparation T	୮ank Rଈଉଉଆ a Carbone	Cabinet 341.2.64/J.003 Page 126_x000D_ Some labels unlegible on wiring diagram	□Ramona Carbone	Bilfinger	0
1697	R152 - Media Preparation T	୮ank Rଈଉଉଉ la Carbone	Cabinet 341.2.64/J.003 Page 260_x000D_ Pneumatic Distribution to be update, wrong tags, valves and spare not indicated	□Ramona Carbone	Bilfinger	0

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	PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:58							
Number	System	Author	Description	Responsible	Supplier	Status		
1698	R152 - Media Preparation T	Гаกk Ranooo la Carbone	Cabinet 341.2.64/J.003 Page 224_x000D_	□Ramona Carbone	Bilfinger	0		
			Pneumatic Distribution to be update, wrong tags, valves and spare not indicated					
1699	R152 - Media Preparation T	Tank Rannon la Carbone	Cabinet 341.2.64/J.003 Page 260_x000D_	□Ramona Carbone	Bilfinger	0		
			Pneumatic Distribution not reprented as installed and labeled:_x000D_					
			- 260D1 and 260D2 have Eight portsx000D_					

- Manual Valves not represented_x000D_

- Spare Ports not represented

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Number	System	Author	Description	Responsible	Supplier	Status
1700	R152 - Media Preparation T	「ank Ranooola Carbone	All components are installed without tag (plastic label) according to NVS standard for	□Ramona Carbone	Bilfinger	0
			tagging			
1701	R152 - Media Preparation T	Tank ମଣ୍ଡଉଡଡା a Carbone	Valve V503 missing	□Ramona Carbone	Bilfinger	0
1702	R152 - Media Preparation T	「ank Ranoool a Carbone	Some correction have been raised on the P&ID _x000D_	□Ramona Carbone	Bilfinger	0
			(refer P&ID FAT Protocol attachment 35 to test 4.1.1)			

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	PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:58								
Number	System	Author	Description	Responsible	Supplier	Status			
1703	R152 - Media Preparation Ta	ank Rannon la Carbone	PG isometric drawings are stuctured in the way that one drawing is collecting more	□Ramona Carbone	Bilfinger	0			
			than one line number. Each isometric includes all the data mentioned in the P&ID (i.e.						
			line numbers, iso breaks, piping class limits, battery limits, etc.)						
1704	R152 - Media Preparation Ta	ank Rannon la Carbone	The following lines were not installed during the FAT P&ID walkdown (manufature not	□Ramona Carbone	Bilfinger	0			
			possible before installation on site): _x000D_						

-004, -060, -001, -015, -016, -034, -003, -119

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Number	System	Author	Description	Responsible	Supplier	Status
1705	R152 - Media Preparation T	ank ศิลิติดิดิเ a Carbone	Pump -P2 not installed	□Ramona Carbone	Bilfinger	0
1706	R152 - Media Preparation T	ank ศิลิติดิดิเ a Carbone	With reference to the lines not installed during the FAT, the P&ID walkdown cannot be	□Ramona Carbone	Bilfinger	0
			considered complete			
1707	R152 - Media Preparation T	ank Ramona Carbone	Instrument Calibrations / Hart Data:_x000D_	□Ramona Carbone	Bilfinger	0
			All verified vendor calibration certificates (except for flowmeters that certify required			
			measuring range) show only standard manufacturer calibrationx000D_			
			(Example: All Temperature transmitters are calibrated 0 to 150°C where Data Sheet			
			says 0 to 140°C.)			

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Number 1708	System R152 - Media Preparation To	Author ankศ ิลติดิดิ เล Carbone	Description Material certificate missing for swagelok fittings (elbows, T-pieces) in piping class EG18X40 of isometric 232805	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1709	R152 - Media Preparation T	ank ମଣ୍ଡଉଉଉ Carbone	EC conformity declaration of the whole system delivered by PG is missing	□Ramona Carbone	Bilfinger	0
1710	R152 - Media Preparation T	ank ମିଈଉଉରା a Carbone	Pictures of boroscopic inspection according to PSP008 are missing even the bosroscopic incpection has been correctly performed	□Ramona Carbone	Bilfinger	0

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Number 1711	System R152 - Media Preparation T	Author ankRaസാസിa Carbone	Description Documentation check of Operating file for system R152 has not been performed by the document checker	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1712	R152 - Media Preparation T	ank ศิลิติดิดิ โล Carbone	Documentation check of Mechanical Maintenance file for system R152 has not been performed by the document checker	□Ramona Carbone	Bilfinger	0
1713	R152 - Media Preparation T	ank ମଣ୍ଡାଉଉଆ a Carbone	Documentation check of Electrical Maintenance file for system R152 has not been performed by the document checker	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1714	R152 - Media Preparation T	ank ମଣ୍ଡାଉଡା ଣ Carbone	Documentation check according to PG LOD (List of Documentation), contractual VDR	□Ramona Carbone	Bilfinger	0
			and Novartis VTOD chapter for system R152 has not been performed by the document			
			checker			
1715	R152 - Media Preparation T	ank Ranoon a Carbone	Passivation certificate missing for the following pieces:_x000D_	□Ramona Carbone	Bilfinger	0
			dwg #232802 page 2/6_x000D_			
			dwg #232802 page 3/6_x000D_			
			dwg #232805 page 2/3			

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Number 1716	System R152 - Media Preparation T	Author ୮ank ମ୍ବଈଡାଉଡା a Carbone	Description Some corrections have been raised on the datasheets (refer Set of datasheets FAT Protocol attachment 45 to test 4.1.1)	Responsible □Ramona Carbone	Supplier Bilfinger	Status 0
1717	R152 - Media Preparation T	「ank Rଈଉଉଉ la Carbone	PED documentation check has not been executed by the welding inspector during FAT (particular attention to be paid for filter housings)	□Ramona Carbone	Bilfinger	0
1718	R152 - Media Preparation T	「ank Rannon la Carbone	Welding Inspector specific VTOD chapter documentation check has not been executed during FAT	□Ramona Carbone	Bilfinger	0

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Number 1719	System R152 - Media Preparation T	Author ୮ankRaଉଉଉଧ Carbone	Description New measurement of the resistance between main earth bar and different segments of cable conduits will be needed on site	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1720	R152 - Media Preparation T	「ank ମଶ୍ରୀଉଠାରା Carbone	Cabinet 341.2.64/J.001 General_x000D_ No Manufactuer Label on the cabinet / CE Marking	□Ramona Carbone	Bilfinger	0
1721	R118 - Media Preparation T	「ank R25000 ba Carbone	Cabinet 341.2.64/J.003 _x000D_ General No Manufactuer Label on the cabinet / CE Marking	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1722	R152 - Media Preparation	TankRannona Carbone	Conduits Grounding:_x000D_	□Ramona Carbone	Bilfinger	0
			A resistance measurement between main earth bar and different segments of cable	9		
			conduits show up a relative high impedance_x000D_			
			This could be refused by notified body because not in accordance with Low Voltage	9		
			Directive C15-100			
1723	R118 - Media Preparation	Tank P25000ba Carbone	Conduits Grounding:_x000D_	□Ramona Carbone	Bilfinger	0
			A resistance measurement between main earth bar and different segments of cable)		
			conduits show up a relative high impedance_x000D_			
			This could be refused by notified body because not in accordance with Low Voltage	9		
			Directive C15-100			

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Number	System	Author	Description	Responsible	Supplier	Status
1724	R152 - Media Preparation Ta	ank Rla0000la Carbone	Studs (goujon) too shorts on some nozzles	□Ramona Carbone	Bilfinger	0
1725	B206 - Buffer Storage Tank	□Ramona Carbone	Load cells not installed, no check done	□Ramona Carbone	Bilfinger	0
1726	B206 - Buffer Storage Tank	□Ramona Carbone	Sprayball on nozzle N39 missing	□Ramona Carbone	Bilfinger	0
1727	B206 - Buffer Storage Tank	□Ramona Carbone	Tolerance on diameter of ingold plugs not checked because final components not	□Ramona Carbone	Bilfinger	0
			installed (sampling, conductivity,)			
1728	B206 - Buffer Storage Tank	□Ramona Carbone	Degree of ingold port not aligned for the nozzle: N79 (spare).	□Ramona Carbone	Bilfinger	0

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TROUGHERT CHAILER RELIGIOUS								
Number	System	Author	Description	Responsible	Supplier	Status		
1729	B206 - Buffer Storage Tank	□Ramona Carbone	The following components are available but not installed: P101 - L111 - P102 - P103 - Y811.	□Ramona Carbone	Bilfinger	0		
1730	B206 - Buffer Storage Tank	□Ramona Carbone	The following components are not available: W101 - X111 - G811 - X101 - manway sight glass	□Ramona Carbone	Bilfinger	0		
1731	B206 - Buffer Storage Tank	□Ramona Carbone	All tank nozzles, Valves and outlet line are not tagged.	□Ramona Carbone	Bilfinger	0		

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Number 1732	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description weldings information (heat number and certificate number) missing on the isometrics.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1733	B206 - Buffer Storage Tank	□Ramona Carbone	Fitting for the following not available instruments has not been verified: X111 (light glass); X101 (sampling device).	□Ramona Carbone	Bilfinger	0
1734	B206 - Buffer Storage Tank	□Ramona Carbone	Line number on Iso not conformed with line nomber on P&ID: 50-BUFFER-EG16N40-B206-072 instead of 50-BUFFER-EG16N40-B206-056.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status		
1735	B206 - Buffer Storage Tank	□Ramona Carbone	Welds indication on isomentric not correct for the following iso: _x000D_	□Ramona Carbone	Bilfinger	0		
			PC/D B206-3; _x000D_					
			PC/D B206-4; _x000D_					
			PC/D B206-5.					
1736	B206 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-10 MANWAY rev 1.2: wrong model type indicated on the	e □Ramona Carbone	Bilfinger	0		
			datasheet (number of lid clamps wrong: 8 instead of 6 indicated on datasheet)					

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Number 1737	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description Datasheet P16-0052-SP-65 BURST DISK Y811 rev 1.2: name of supplier and model to be correct.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1738	B206 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-61 LEVEL SWITCH L111 rev 1.1: tag reference not complete; wrong tag number.	□Ramona Carbone	Bilfinger	0
1739	B206 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-90 TEMPERATURE INDICATOR T101 1.1: wrong transmitter model indicated on the label, but type of transmitter ok.	□Ramona Carbone	Bilfinger	0

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System	Author	Description	Responsible	Supplier	Status
B206 - Buffer Storage Tank	□Ramona Carbone	Test Log: sprayball not tagged.	□Ramona Carbone	Bilfinger	0
B206 - Buffer Storage Tank	□Ramona Carbone	the following Instrument are not tagged: _x000D_	□Ramona Carbone	Bilfinger	0
		P101, P102, L111, Y811, X111, X101, G811.			
B206 - Buffer Storage Tank	□Ramona Carbone	for the following ISO not all welds have been done: _x000D_	□Ramona Carbone	Bilfinger	0
		PC/D B206-3; _x000D_			
		PC/D B206-4; _x000D_			
		PC/D B206-5			
	B206 - Buffer Storage Tank B206 - Buffer Storage Tank	SystemAuthorB206 - Buffer Storage Tank□Ramona CarboneB206 - Buffer Storage Tank□Ramona CarboneB206 - Buffer Storage Tank□Ramona Carbone	B206 - Buffer Storage Tank Ramona Carbone B206 - Buffer Storage Tank Ramona Carbone Test Log: sprayball not tagged. the following Instrument are not tagged: _x000D_ P101, P102, L111, Y811, X111, X101, G811. B206 - Buffer Storage Tank Ramona Carbone for the following ISO not all welds have been done: _x000D_ PC/D B206-3; _x000D_ PC/D B206-4; _x000D_	B206 - Buffer Storage Tank Ramona Carbone Test Log: sprayball not tagged. the following Instrument are not tagged: _x000D_ P101, P102, L111, Y811, X111, X101, G811. B206 - Buffer Storage Tank Ramona Carbone for the following ISO not all welds have been done: _x000D_ PC/D B206-3; _x000D_ PC/D B206-4; _x000D_	B206 - Buffer Storage Tank Ramona Carbone Reamona Carbone Bilfinger B206 - Buffer Storage Tank Ramona Carbone Ellfinger B206 - Buffer Storage Tank Ramona Carbone Ellfinger P101, P102, L111, Y811, X111, X101, G811. B206 - Buffer Storage Tank Ramona Carbone for the following ISO not all welds have been done: _x000D_ PC/D B206-3; _x000D_ PC/D B206-4; _x000D_

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Number	System	Author	Description	Responsible	Supplier	Status
1746	B206 - Buffer Storage Tank	□Ramona Carbone	Item #N56 and N57 are missing	□Ramona Carbone	Bilfinger	0
1747	B206 - Buffer Storage Tank	□Ramona Carbone	Material certificate of gaskets are missing: related to the manhole gasket only.	□Ramona Carbone	Bilfinger	0
1748	B206 - Buffer Storage Tank	□Ramona Carbone	Spray ball and diptubes documents are missing	□Ramona Carbone	Bilfinger	0
1749	B206 - Buffer Storage Tank	□Ramona Carbone	Welds 151 to 154 and 309 to 312 doesn't appear on the Welding Map	□Ramona Carbone	Bilfinger	0
1750	B206 - Buffer Storage Tank	□Ramona Carbone	Welds 406 - Welder, Ht Nb and date are missing.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1751	B206 - Buffer Storage Tank	□Ramona Carbone	Accessory welding documents are missing	□Ramona Carbone	Bilfinger	0
1752	B206 - Buffer Storage Tank	□Ramona Carbone	Flushing / drying procedure and certificates are missing	□Ramona Carbone	Bilfinger	0
1753	B206 - Buffer Storage Tank	□Ramona Carbone	Notified Body's attestation is missingx000D_	□Ramona Carbone	Bilfinger	0
			This Item is not blocking for the MC; it will be conditionally accepted by the			
			Commissioning team.			
1754	B206 - Buffer Storage Tank	□Ramona Carbone	Notified Body's design examination is missing_x000D_	□Ramona Carbone	Bilfinger	0
			This point is not blocking the MC. It's conditionally accepted by the management/ C&Q			
			team.			

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Number	System	Author	Description	Responsible	Supplier	Status
1755	B206 - Buffer Storage Tank	□Ramona Carbone	Maintenance log is missing	□Ramona Carbone	Bilfinger	0
1756	B206 - Buffer Storage Tank	□Ramona Carbone	Diptube not dimensionally checked.	□Ramona Carbone	Bilfinger	0
1757	B206 - Buffer Storage Tank	□Ramona Carbone	Test drainability not performed according to the family approach agreed (test performed on B217)	: □Ramona Carbone	Bilfinger	0
1758	B206 - Buffer Storage Tank	□Ramona Carbone	Level strapping not performed according to the family approach agreed (test performed on B217)	: □Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status			
1759	B206 - Buffer Storage Tank	□Ramona Carbone	Sprayball coverage test not performed according to the family approach agreed (test performed on B217)	□Ramona Carbone	Bilfinger	0			
1760	B206 - Buffer Storage Tank	□Ramona Carbone	The sightglass installed on the manway had wrong size (too small): it has been changed according to the tank construction drawing and re-installed.	□Ramona Carbone	Bilfinger	0			
1761	B206 - Buffer Storage Tank	□Ramona Carbone	Leak pressure test not performed	□Ramona Carbone	Bilfinger	0			
					i	Page 317/535			

Number 1762	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description Tank not completely clean after electropolishing and passivation (issues during sprayball coverage test performed on B217).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1763	B206 - Buffer Storage Tank	□Ramona Carbone	n° 05, 16: hardware devices description in the wiring diagrams hardware list does not match with the installed hardware	□Ramona Carbone	Bilfinger	0
1764	B206 - Buffer Storage Tank	□Ramona Carbone	n° 06: missing or wrong cable labels on the terminals inside control cabinet.	□Ramona Carbone	Bilfinger	0

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Number 1765	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description n° 08, 14: some labels in the control cabinet are not correct (wrong description/wrong colors).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1766	B206 - Buffer Storage Tank	□Ramona Carbone	n° 01: hardware documentation of electrical components of the cabinet is missing	□Ramona Carbone	Bilfinger	0
1767 1768	B206 - Buffer Storage Tank B206 - Buffer Storage Tank		n° 02: cabinet manufacturer's self-check sheet is missing n° 03: cabinet CE certificate is missing	□Ramona Carbone	Bilfinger Bilfinger	0

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Number 1769	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description n° 01: MCB after redundant 24V supply module shall be different type and not Schneider (rate is not correct)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1770	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: vent device with filter is to be installed on the cabinet to prevent overpressure in case of air leak on pneumatic circuit inside the cabinet	□Ramona Carbone	Bilfinger	0
1771	B206 - Buffer Storage Tank	□Ramona Carbone	n° 05: earthing of the skid: wiring of the earthing cable/cords on the skid is completely missing	□Ramona Carbone	Bilfinger	0

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Number 1772	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description n° 11: some cabling on instrument have been bent too much, this will damage the cable in a short time	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1773	B206 - Buffer Storage Tank	□Ramona Carbone	n° 08: PROFIBUS cable numbering is not as per Novartis procedure	□Ramona Carbone	Bilfinger	0
1774	B206 - Buffer Storage Tank	□Ramona Carbone	n° 10, 14: cable colors for 24V: brown is + white isx000D_ as per colour code: some cables on wiring diagram are inverted	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1775	B206 - Buffer Storage Tank	□Ramona Carbone	n° 01: instrument list not available; the test has been executed with the P&lds as a	□Ramona Carbone	Bilfinger	0
			reference document			
1776	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: instruments missing: bursting disk	□Ramona Carbone	Bilfinger	0
1777	B206 - Buffer Storage Tank	□Ramona Carbone	$\ensuremath{\text{n}^{\circ}}$ 02: TT101 (tank bottom temp): the wrong instruments type is installed (TR15 non	□Ramona Carbone	Bilfinger	0
			aseptic instead of TM411 aseptic)			

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Number 1778	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description instrument configuration sheets are not available; the test cannot be executed	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1779	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V002 not on the skid (loose valves will be installed at site)	□Ramona Carbone	Bilfinger	0
1780	B206 - Buffer Storage Tank	□Ramona Carbone	n° 14: some wires are missing (field device not wired - V001, V002, V922, V930, V963, V992, air supply - earth wire missing on XRINT.02)	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1781	B206 - Buffer Storage Tank	□Ramona Carbone	n° 14: load cells are not installed under the tank, the wires are not layed down to the	□Ramona Carbone	Bilfinger	0
			cabinet, the cable ways are not present on the skid			
1782	B206 - Buffer Storage Tank	□Ramona Carbone	n° 06. wrong colour of terminal indicated on wiring diagram	□Ramona Carbone	Bilfinger	0
1783	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital input loop check failure:_x000D_	□Ramona Carbone	Bilfinger	0
			GSH-811 rupture disk: disk not installed			

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		•	1 10 20 00 21 1 0 10 11 20 1 10 1 1 1 1			
Number	System	Author	Description	Responsible	Supplier	Status
1784	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_	□Ramona Carbone	Bilfinger	0
			V954, V961, V003, V004 valves not installed			
1785	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V401, not possible to command it	□Ramona Carbone	Bilfinger	0
1786	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_	□Ramona Carbone	Bilfinger	0
			V701, pneumatic connetion on the valve is wrong			

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		•	NOTOGOTIAL ON TOTAL ON TOTAL OF THE PROPERTY O			
Number	System	Author	Description	Responsible	Supplier	Status
1787	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_	□Ramona Carbone	Bilfinger	0
			V502, wrong connction on FESTO block			
1788	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V001, V922, V930, V963, V992 are loose valves	□Ramona Carbone	Bilfinger	0
1789	B206 - Buffer Storage Tank	□Ramona Carbone	n° 03: analogue input loop check failure:_x000D_	□Ramona Carbone	Bilfinger	0
			TT982, TT980: RM042 transducer in the cabinet not configured			

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Number 1790	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description n° 04: analogue output (control valve) loop check failure:_x000D_ R701: valve actuator seems not properly configured	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1791	B206 - Buffer Storage Tank	□Ramona Carbone	n° 03: analogue input loop check failure:_x000D_ W101: weighing cells not installed and not wired	□Ramona Carbone	Bilfinger	0
1792	B206 - Buffer Storage Tank	□Ramona Carbone	cabinet is not clean, lot of construction material is around	□Ramona Carbone	Bilfinger	0

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PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:5 Description n° 02: missing information on the CE label: max lcc that the				:58													
D	esc	ript	ion												Responsible	Supplier	Status
'n	02	: m	issing	information	on	the	CE	label:	max	Icc	that	the	cabinet	can	□Ramona Carbone	Bilfinger	0

n° 09: poor fixing of part of the piping/cable trays supports on the top of the buffer □Ramona Carbone Bilfinger 0

storage tanks

sustain._x000D_

A second label with the client data is missing

Number

1793

1794

System

Author

B206 - Buffer Storage Tank □Ramona Carbone

B206 - Buffer Storage Tank □Ramona Carbone

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Number 1795	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description n° 11: due to the works in progress it is not possible to check cable trays completness, clashes and interference, holes and openings	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1796	B206 - Buffer Storage Tank	□Ramona Carbone	n° 12: some rilsan pipes are touching CIP pipes - near valve V952_x000D_ T980 cable is touching the steam pipe.	□Ramona Carbone	Bilfinger	0
1797	B206 - Buffer Storage Tank	□Ramona Carbone	this test refers to the check of the calibration of instruments, it is not foreseen during FAT	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1798	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: the profibus address of Festo block is wrong	□Ramona Carbone	Bilfinger	0
1799	B206 - Buffer Storage Tank	□Ramona Carbone	LOTO valves not installed	□Ramona Carbone	Bilfinger	0
1800	B206 - Buffer Storage Tank	□Ramona Carbone	To perform passivation, the mechanical interlock on the Festo Clusters is removed to	□Ramona Carbone	Bilfinger	0
			operate the valves.			
1801	B206 - Buffer Storage Tank	□Ramona Carbone	All lines are identified with a temporary label; some of the components are identified	□Ramona Carbone	Bilfinger	0
			with temporary label; Few components are not identified.			

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		-				
Number	System	Author	Description	Responsible	Supplier	Status
1802	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-BUFFER-EG16N40-B204-O65 folio 1 of 2: tag of valves V005 and V952	□Ramona Carbone	Bilfinger	0
			swapped.			
1803	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-RGS1-EG16C40-B204-O68: Burst disk not installed to avoid any damage.	□Ramona Carbone	Bilfinger	0
			G811 instrument not installed.			
1804	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 15-G/N2P-EG18X40-B204-O63: Line not installed.	□Ramona Carbone	Bilfinger	0
					1	Page 331/535

Number 1805	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description ISO 40-ERFR-EG16C40-B204-O78: Missing connetion between Hose and tank.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1806 1807	B206 - Buffer Storage Tank B206 - Buffer Storage Tank		Line 50-CIP-EG16N40-B204-O89: missing a flange on the P&ID. Line 20-AR-EG16C40-B204-407: Line not installed and ISO missing.	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
1808	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 15-G/N2P- G18X40-B204-063: Line number on the Battery Limit missing.	□Ramona Carbone	Bilfinger	0

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Number 1809	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description ISO 20-RG1-EG16C40-B204-064: Line number on the Battery Limit missing; isometric continuity to RG3-PID1 wrong.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1810	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-BUFFER-EG16N40-B204-065 folio 2 of 2: continuity not accordig to P&ID.	□Ramona Carbone	Bilfinger	0
1811	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 40-ACP-EG16N43-B204-067: Line number on the Battery Limit missing.	□Ramona Carbone	Bilfinger	0

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Number 1812	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description ISO 50-RGS1-EG16C40-B204-068: Line number on the Battery Limit missing.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1813	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 15-ECR-EG16C40-B204-069: continuity not according to P&ID.	□Ramona Carbone	Bilfinger	0
1814	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-BUFFER-EG16N40-B204-072: continuity not according to P&ID.	□Ramona Carbone	Bilfinger	0
1815	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIPR-EG16N43-B204-073 folio 2 of 2: Line number on the Battery Limit missing.	t □Ramona Carbone	Bilfinger	0

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Number 1816	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description ISO 50-CIPR-EG16N43-B204-073 folio 2 of 2: wrong indication in the ISO table for the column QUANTITY	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1817	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 40-ERF-EG16C40-B204-077: Line number on the Battery Limit missing.	□Ramona Carbone	Bilfinger	0
1818	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 40-ERFR-EG16C40-B204-078: Wrong nozzle indication.	□Ramona Carbone	Bilfinger	0
1819	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIP-EG16N40-B204-089: continuity not accordig to P&ID.	□Ramona Carbone	Bilfinger	0

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Number 1820	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description Isometrics not conform to the P&ID: some lines indicated with different numbers.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1821	B206 - Buffer Storage Tank	□Ramona Carbone	Reference on equipment list for Manual Ball Valve Mecainox cannot be verified on istalled valve.	□Ramona Carbone	Bilfinger	0
1822	B206 - Buffer Storage Tank	□Ramona Carbone	50-BUFFER-EG16N40-B204-065 folio 1 of 2: heat number missing.	□Ramona Carbone	Bilfinger	0

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Number 1823	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description On the Equipment List line numbers not compliant with P&ID and few datasheet revision not compliant with the datasheets.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1824	B206 - Buffer Storage Tank	□Ramona Carbone	Weld numbers for the welds done directly on the skid (between two different isos) missing on the ISO.	□Ramona Carbone	Bilfinger	0
1825	B206 - Buffer Storage Tank	□Ramona Carbone	40-ACP-EG16N40-B204-066 folio 1 of 2; reference on the equipment list for valve valve not possible to verify.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1826	B206 - Buffer Storage Tank	□Ramona Carbone	40-ACP-EG16N40-B204-066 folio 2 of 2: wrong tag for filter in the equipment list.	□Ramona Carbone	Bilfinger	0
1827	B206 - Buffer Storage Tank	□Ramona Carbone	40-ACP-EG16N43-B204-067: missing heat number.	□Ramona Carbone	Bilfinger	0
1828	B206 - Buffer Storage Tank	□Ramona Carbone	40-CIP-EG16N40-B204-071: wrong heat number.	□Ramona Carbone	Bilfinger	0
1829	B206 - Buffer Storage Tank	□Ramona Carbone	50-BUFFER-EG16N40-B204-072 folio 1 of 3; reference on the equipment list for	□Ramona Carbone	Bilfinger	0
			bottom valve not possible to verify.			

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Number 1830	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description 50-BUFFER-EG16N40-B204-072 folio 1 of 3: few heat numbers missing on isometric.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1831	B206 - Buffer Storage Tank	□Ramona Carbone	50-BUFFER-EG16N40-B204-072 folio 3 of 3: wrong heat number and one missing.	□Ramona Carbone	Bilfinger	0
1832	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIPR-EG16N43-B204-073 folio 2 of 2: line not completely installed.	□Ramona Carbone	Bilfinger	0
1833	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 15-ERF-EG1C40-B204-074: isometric not complete.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1834	B206 - Buffer Storage Tank	□Ramona Carbone	risk assessment not available	□Ramona Carbone	Bilfinger	0
1835	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 40-CIP-EG16N40-B204-071 to be updated with the new flange added for handling	□Ramona Carbone	Bilfinger	0
			reason.			
1836	B206 - Buffer Storage Tank	□Ramona Carbone	P&ID to be updated adding the new flange on line 40-CIP-EG16N40-B204-071 (for	□Ramona Carbone	Bilfinger	0
			handling reason).			

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Number	System	Author	Description	Responsible	Supplier	Status
1837	B206 - Buffer Storage Tank	□Ramona Carbone	Welder qualification test certificate report YAL is missing.	□Ramona Carbone	Bilfinger	0
1838	B206 - Buffer Storage Tank	□Ramona Carbone	Item #H505, SG012, V806, V922, V930, V962, V963, V992, X101 and X811 :	□Ramona Carbone	Bilfinger	0
			Certificate numbers missing hence unable to view VTOD.			
1839	B206 - Buffer Storage Tank	□Ramona Carbone	Item # X101 : Material certificate 3.1 is not identified on equipment list	□Ramona Carbone	Bilfinger	0
1840	B206 - Buffer Storage Tank	□Ramona Carbone	Item #XP102, P103, P500, X501 and X922 : Error on the equipment list. Material	□Ramona Carbone	Bilfinger	0
			Certificate 2.1 is not available.			

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Number 1841	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description Item #X922 : FDA certificate not identified on equipment list	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1842	B206 - Buffer Storage Tank	□Ramona Carbone	Item #H920, H922, H923, V401, V503, X501 and X922 : BSE certificate missing on equipment list	□Ramona Carbone	Bilfinger	0
1843	B206 - Buffer Storage Tank	□Ramona Carbone	Item #V401, V503, X922, X071 and X072 : Roughness certificate not identified on equipment list	□Ramona Carbone	Bilfinger	0

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Number 1844	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description Item #V401, V503, X501 and X922 : EP certificate not identified on equipment list	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1845	B206 - Buffer Storage Tank	□Ramona Carbone	Item #H922, H923, X922 and Y811 : Heat number not identified on equipment list	□Ramona Carbone	Bilfinger	0
1846	B206 - Buffer Storage Tank	□Ramona Carbone	Item #P102, P103, P500, V034, V401, V941, X501 and X504 : Heat number incorrect on equipment list	□Ramona Carbone	Bilfinger	0

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Number 1847	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description Technical documentation (manuals, operating instructions) missing for the equipments and instruments	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1848	B206 - Buffer Storage Tank	□Ramona Carbone	Isometrics for Line 40-VP2-EG16N44-B204-094, 8-VP2-EG16N44-B204-103 and 50-CIP-EG16N40-B204-189 are missing.	□Ramona Carbone	Bilfinger	0
1849	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-BUFFER-EG16N40-B204-065 Folio 2, Welds #8, 9, 10, 11; ISO 15-ACP-EG16N43-046 Folio 1, Welds #1, 2, 3: no access to conduct visual and video borescope checks		Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1850	B206 - Buffer Storage Tank	□Ramona Carbone	Test TS01.2.12 - Welding information missing from welding book for various welds on	□Ramona Carbone	Bilfinger	0
			the following lines:_x000D_			
			weld #5 on ISO 10-ACP-EG16N40-B204-066 Folio 1/1_x000D_			
			welds #1, 2, 3 and 4 on ISO 8-CIP-EG16N40-B204-071 Folio 1/1			
1851	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50 BUFFER-EG16N40-B204-072 Folio 1, Welds #1, 2, 3, 4: Video borescope	□Ramona Carbone	Bilfinger	0
			missing			

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Number 1852	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description Test TS01.2.12 - Weld executed on construction site for the following isometric;_x000D_ weld #5 and 6 on ISO 50-CIPR-EG16N43-B204-073 Folio 2/2_x000D_ weld #300 on ISO 50-CIP-EG16N40-B204-070 Folio 1/1	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1853	B206 - Buffer Storage Tank	□Ramona Carbone	BSE/TSE free certificate and FDA (or USP) certificate missing for all the gaskets installed on pipes.	□Ramona Carbone	Bilfinger	0

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N	umber	System	Author	Description	Responsible	Supplier	Status
18	354	B206 - Buffer Storage Tank	□Ramona Carbone	test not completely performed, gasket material not checked.	□Ramona Carbone	Bilfinger	0
18	355	B206 - Buffer Storage Tank	□Ramona Carbone	some heat numers missing on the isometric nomenclature document.	□Ramona Carbone	Bilfinger	0
18	356	B206 - Buffer Storage Tank	□Ramona Carbone	Test TS01.2.12 - on the weld log RTU-PR-S-121, the column C/NC (checked/non	□Ramona Carbone	Bilfinger	0
				checked) is not ticked on the following isometrics:_x000D_			
				50-BUFFER-EG16N40-B204-065 Folio 1/2_x000D_			
				50-BUFFER-EG16N40-B204-065 Folio 2/2_x000D_			
				10-ACP-EG16N40-B204-066 Folio 1/1_x000D_			
				40-ACP-EG16N40-B204-066 Folio 2/2_x000D_			
				40-ACP-EG16N43-B204-067 Folio 1/1_x000D_			
				50-CIPR-EG16N43-B204-070 Folio 1/1_x000D_			
				40-CIP-EG16N40-B204-071 Folio 1/1_x000D_			
				50-CIPR-EG16N43-B204-073 Folio 1/2_x000D_			
				50-CIPR-EG16N43-B204-073 Folio 2/2_x000D_			
				50-CIP-EG16N40-B204-089 Folio 1/1_x000D_			
				40-ACP-EG16N40-B204-127 Folio 1/1			

Number 1857	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description Line 40-CIP-EG16N40-B204-071: second flange to be added for maintenance of the flange already installed below valve V931.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1858	B206 - Buffer Storage Tank	□Ramona Carbone	Safety clamp not installed on the top of the filter F1 (manometer nozzle).	□Ramona Carbone	Bilfinger	0
1859	B206 - Buffer Storage Tank	□Ramona Carbone	Pressure test on lines performed according to fluid list pressure values, but documentation missing.	□Ramona Carbone	Bilfinger	0

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Number 1860	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description Test TS01.2.03 - For the ISOs showing the battery limits, counter flange is not represented. BLF to update the ISOs showing the coulter flange and the relevant heat number. No weld indication must be represented (already represents in the piping contractor Isometrics).	Supplier Bilfinger	Status 0
1861 1862	B205 - Buffer Storage Tank B205 - Buffer Storage Tank		As per WIN005 check completion of Passivation Test TS01.2.03 - For the ISOs showing the battery limits, counter flange is not represented. BLF to update the ISOs showing the coulter flange and the relevant heat number. No weld indication must be represented (already represents in the piping contracto	Bilfinger Bilfinger	0

Number	System	Author	Description	Responsible	Supplier	Status
1863	B206 - Buffer Storage Tank	□Ramona Carbone	As per WIN005 check completion of Passivation	□Ramona Carbone	Bilfinger	0
1864	B206 - Buffer Storage Tank	□Ramona Carbone	Some components are not passivated by PG.	□Ramona Carbone	Bilfinger	0
1865	R118 - Media Preparation T	ank R25000 ba Carbone	Passivation certificates check cannot be completed because piping installation is not	□Ramona Carbone	Bilfinger	0
			completed aouside of the skids			
1866	R118 - Media Preparation T	ank R25000 ba Carbone	Some components are not passivated by PG.	□Ramona Carbone	Bilfinger	0
1867	R152 - Media Preparation T	ank Rannon a Carbone	Passivation certificates check cannot be completed because piping installation is not	□Ramona Carbone	Bilfinger	0
			completed aguside of the skids			

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Number	System	Author	Description	Responsible	Supplier	Status
1868	R152 - Media Preparation T	ank Raทิดด โล Carbone	TSE/BSE Cetrificate for the whole centrifuge system to be provided by GEA Westfalia	□Ramona Carbone	Bilfinger	0
			is missing			
1869	F483 - Centrifuge	□Ramona Carbone	Heat gain calculation for power MCC cabinet is missing	□Ramona Carbone	Bilfinger	0
1870	F483 - Centrifuge	□Ramona Carbone	New WFI pressure reducer X910 has been installed _x000D_	□Ramona Carbone	Bilfinger	0
			replacing the previous one.			

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Number

1871

System

F483 - Centrifuge

Author

□Ramona Carbone

Description	Responsible	Supplier	Status
Test 7.1.7 foresees to check that PMI analysis has been performed _x000D_	□Ramona Carbone	Bilfinger	0
on materials that are not covered by direct related certificatex000D_			
This is the case for disks. These pieces are fabricated from row material SS 316L $$			
sheets. Raw materials are covered by certificates (not available at the moment), but			
GEA cannot guarantee from which specific raw sheets the disks are fabricated.			
According to test instructions and acceptance criteria, test is passed, also because the			
materials are the correct ones (316L / 1.4401-1.4404). This approach is deviating from			
requirement to have each material piece certified specific certificate for traceability			
purposex000D_			
First possibility GEA to provide set of certificates for stock of raw material and			
declaration from GEA that the disks are fabricated from this stockx000D_			
Second possibility can be to exchange the full set of disks with one set singularly laser			
engraved to have direct reference to a certificate: Not to be considered_x000D_			
Third possibility can be to re-perform PMI test 100%x000D_			
Fourth possibility is to accept the percentage of PMI done by GEA (one disk checked			
each 10 disks + upper disk + lower disk): Not to be considered			

PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:58							
Number	System	Author	Description	Responsible	Supplier	Status	
1872	F483 - Centrifuge	□Ramona Carbone	GEA is using lubricants on parts potentially in product contactx000D_	□Ramona Carbone	Bilfinger	0	
			GEA is using grease in parts in product contactx000D_				
			GEA states also that especially greases cannot be avoided for normal functioning of the				
			machine itself.				
1873	F483 - Centrifuge	□Ramona Carbone	Test 7.2.2_x000D_	□Ramona Carbone	Bilfinger	0	
			GA drawing / Piping plan P1451648067-9908-3DM001 to be updated according to				
			comments listed in the FAT protocol attachment 1 to test 7.2.2				

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Description	Resnonsil

Number	System	Author	Description	Responsible	Supplier	Status
1874	F483 - Centrifuge	□Ramona Carbone	Test 7.2.3_x000D_	□Ramona Carbone	Bilfinger	0
			Set of isometric drawings P1451648067-9908-ISO001/015 to be updated according to	0		
			comments listed in the FAT protocol attachment 2 to test 7.2.2			
1875	F483 - Centrifuge	□Ramona Carbone	Test 7.2.9_x000D_	□Ramona Carbone	Bilfinger	0
			List of calibration certificates to be updated according to the comments of the	е		
			attachment 1 of test 7.2.9			

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PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:58							
Number	System	Author	Description	Responsible	Supplier	Status	
1876	F483 - Centrifuge	□Ramona Carbone	General_x000D_	□Ramona Carbone	Bilfinger	0	
			Product inlet and outlet line to/from the centrifuge skid to be drained after production	ı			
			phase, pause water, water run (SIP?)				
1877	F483 - Centrifuge	□Ramona Carbone	Test 7.3.1_x000D_	□Ramona Carbone	Bilfinger	0	
			UPS related devices labels shall be green background with white letters.				

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PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:58							
Number	System	Author	Description	Responsible	Supplier	Status	
1878	F483 - Centrifuge	□Ramona Carbone	Test 7.3.1_x000D_	□Ramona Carbone	Bilfinger	0	
			Electrical wiring diagram to be updated according to comments on rev. F (re-test	of			
			FAT test 7.3.1)				
1879	F483 - Centrifuge	□Ramona Carbone	Test 7.4.1 / 7.4.2 / 7.4.3_x000D_	□Ramona Carbone	Bilfinger	0	

FDS to be updated according to comments on rev. B

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Number 1880	System F483 - Centrifuge	Author □Ramona Carbone	Description General / test 7.4.3_x000D_ With a foregoes to go int a 2.20 desirability test has been executed. But 4 and But 6	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
			With reference to point n° 30, drainability test has been executed: Run 1 and Run 2 (ref. attachment n° 3 and n° 7 of test 7.4.3).	2		
1881	F483 - Centrifuge	□Ramona Carbone	Test 7.4.13_x000D_ Maximum noise level measured at 1m from the machine is 81dBA, against a maximum acceptable value of 75dB (according to URS).	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1882	F483 - Centrifuge	□Ramona Carbone	Test 7.3.10_x000D_	□Ramona Carbone	Bilfinger	0
			According to the acceptance criteria the test is passed, nevertheless attachments #1			
			and #2 (set-up of parameters) to the test shall be included in the technica			
			documentation according to VDR (Programmable devices set-up (including VFD))			
1883	F483 - Centrifuge	□Ramona Carbone	Test 7.4.6 / 7.4.7_x000D_	□Ramona Carbone	Bilfinger	0
			Document "Set point access authorization HMI" n° 8187-9058-938 to be updated	l		
			according to comments on the document attached to test 7.4.6			

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PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:58				
Description	Responsible	Supplier		
Test 7.4.8 / 7.4.10_x000D_	□Ramona Carbone	Bilfinger		
Test 7.4.8 "Check of recipe management" and test 7.4.10 "Check of batch re	eport" are			

not applicable since the two functionalities are not requested for this machine. The two

tests have not been performed during FAT (neither during PRE-FAT by GEA)

because documents are missing

Number

1884

1885

System

F483 - Centrifuge

F483 - Centrifuge

Author

□Ramona Carbone

□Ramona Carbone

Test 7.4.18_x000D_ □Ramona Carbone Bilfinger 0

Documentation check according to agreed Index of documentation has negative results

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Status

Number 1886	System F483 - Centrifuge	Author □Ramona Carbone	Description Test 7.4.18_x000D_ Agreed index of documentation to be updated according to comments of attachment 1	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
			to test 7.4.18			
1887	F483 - Centrifuge	□Ramona Carbone	Test 7.4.18_x000D_ Documentation check according to contractual VDR has negative results because documents are missing	□Ramona Carbone	Bilfinger	0

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PROLOGGER I		
Description		Responsible
Test 7.4.18_x000I	D_	□Ramona Carbone

1889 F483 - Centrifuge □Ramona Carbone Test 7.4.18_x000D_ □Ramona Carbone Bilfinger 0

missing for all components (mechanical / instruments / electrical).

According to VDR, after positioning and installation (by others), machine correct

According to contractual VDR CE marking Declaration is needed. This certificate is

installation certificate is required by GEA

Number

1888

System

F483 - Centrifuge

Author

□Ramona Carbone

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Status

0

Supplier

Bilfinger

PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:58					
System	Author	Description	Responsible	Supplier	Status
F483 - Centrifuge	□Ramona Carbone	Test 7.4.18_x000D_	□Ramona Carbone	Bilfinger	0
		According to VDR the following procedures are missing:_x000D_			
		- Finishing and painting procedure specification_x000D_			
		- Grounding test procedure_x000D_			
		- Hydrostatic & Pneumatic test procedure _x000D_			
		- Cleaning & flushing procedure_x000D_			
		- Equipment passivation procedure_x000D_			
		- Mechanical polishing procedure specification_x000D_			
	•	•	System F483 - Centrifuge Ramona Carbone Test 7.4.18_x000D_ According to VDR the following procedures are missing:_x000D_ - Finishing and painting procedure specification_x000D_ - Grounding test procedure_x000D_ - Hydrostatic & Pneumatic test procedure_x000D_ - Cleaning & flushing procedure_x000D_ - Equipment passivation procedure_x000D_	System Author Description Responsible F483 - Centrifuge Test 7.4.18_x000D_ □Ramona Carbone According to VDR the following procedures are missing:_x000D_ - Finishing and painting procedure specification_x000D_ - Finishing and painting procedure specification_x000D_ - Grounding test procedure_x000D_ - Hydrostatic & Pneumatic test procedure_x000D_ - Cleaning & flushing procedure_x000D_ - Equipment passivation procedure_x000D_	System Author Description Responsible Supplier F483 - Centrifuge □Ramona Carbone Test 7.4.18_x000D □Ramona Carbone Bilfinger According to VDR the following procedures are missing:_x000D - Finishing and painting procedure specification_x000D - Grounding test procedure_x000D - Hydrostatic & Pneumatic test procedure_x000D - Cleaning & flushing procedure_x000D - Equipment passivation procedure_x000D - Equipment passivation procedure_x000D

- NDT Procedure

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Number	System	Author	Description	Responsible	Supplier	Status
1891	F483 - Centrifuge	□Ramona Carbone	Test 7.4.3_x000D_	□Ramona Carbone	Bilfinger	0
			The software foresees that some signals / alarms are part of the "Common fault". When			
			Common fault occurs, the Centrifuge activates the step "shut down" that is part of the			
			program "Normal Slowdown". The normal shutdown doesn't power off the VFD, but the			
			VFD is commanded to generate a negative ramp in order to slowdown the motor			
			quicklyx000D_			
			In case the emergency push button is activated, the Centrifuge activates the step "shut			
			down" that is part of the program "Slowdown for e-stop". Slow down for e-stop powers			
			off the VFD and this means that the motor is in inertial free rotation, and it stops rotating			
			after a certain time.			

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Number 1892	System F483 - Centrifuge	Author □Ramona Carbone	Description Test 7.4.5 (Check of Data Interface) Document Data Exchange List rev. D to be updated	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1893	F483 - Centrifuge	□Ramona Carbone	Test 7.1.8_x000D_ With reference to att. 2 to tests 7.1.8 page 34 of 110 (drawing n° 3438-4323-019) a weld seam indication is missing.	□Ramona Carbone	Bilfinger	0

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	PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:59						
Number	System	Author	Description	Responsible	Supplier	Status	
1894	F483 - Centrifuge	□Ramona Carbone	Test 7.1.8_x000D_	□Ramona Carbone	Bilfinger	0	
			With reference to att. 2 to tests 7.1.8 page 37 of 110 (drawing n° 3438-4323-022)				
			identification of manual weld instead of the orbital to be indicated				
1895	F483 - Centrifuge	□Ramona Carbone	Test 7.1.9_x000D_	□Ramona Carbone	Bilfinger	0	

Certificate of re-electropolishing of the hood after reworking of CIP inlet lines

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Number 1896	System F483 - Centrifuge	Author □Ramona Carbone	Description Back-up of the software before internal tests and FAT _x000D_ starting is not formally mentioned by GEA	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1897	F483 - Centrifuge	□Ramona Carbone	Cold water Loopo, pressure test to be completed	□Ramona Carbone	Bilfinger	0
1898	EPI3-D(Fr) - Eau Pour Injec	ction Raroid)a Carbone	BWT Tag numbers only no PO raised yet for Tags	□Ramona Carbone	Bilfinger	0
1899	EPI3-G&S - EPI Generation	n &⊑ SRarage a Carbone	BWT Tag numbers only no PO raised yet for Tags	□Ramona Carbone	Bilfinger	0
1900	EPI3-G&S - EPI Generation	n & Starage a Carbone	BWT Tag numbers only no PO raised yet for Tags	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1901	EPI3-D(Fr) - Eau Pour Inje	ction Raroid)a Carbone	BWT Tag numbers only no PO raised yet for Tags	□Ramona Carbone	Bilfinger	0
1904	EPI3-G&S - EPI Generatio	n &: SRarage a Carbone	BWT P&IDs marked up at FAT.	□Ramona Carbone	Bilfinger	0
1905	EPI3-G&S - EPI Generatio	n &: SRarage a Carbone	BWT P&IDs marked up at FAT.	□Ramona Carbone	Bilfinger	0
1906	EPI3-D(Fr) - Eau Pour Inje	ction Raroid)a Carbone	BWT P&IDs marked up at FAT.	□Ramona Carbone	Bilfinger	0
1909	EPI3-G&S - EPI Generatio	n &⊑ SRarage a Carbone	BWT component datasheets relined at FAT	□Ramona Carbone	Bilfinger	0
1910	EPI3-G&S - EPI Generatio	n &: SRarage a Carbone	BWT component datasheets relined at FAT	□Ramona Carbone	Bilfinger	0
1911	EPI3-D(Fr) - Eau Pour Inje	ction Raroiot) a Carbone	BWT component datasheets relined at FAT	□Ramona Carbone	Bilfinger	0

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Number 1914	System EPI3-G&S - EPI Generation	Author & Staragea Carbone	Description Deviations as marked up on P&ID (attachment 1) L61650.23.846A.001 rev4	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1915	EPI3-G&S - EPI Generation	& Starrage a Carbone	Deviations as marked up on P&ID (attachment 1) L61650.23.846A.001 rev4	□Ramona Carbone	Bilfinger	0
1916	EPI3-G&S - EPI Generation	& Starage a Carbone	Deviations as marked up on P&ID (attachment 1) L61650.23.846A.001 rev4	□Ramona Carbone	Bilfinger	0
1917	EPI3-G&S - EPI Generation	&: Starrage a Carbone	Deviations as marked up on P&ID (attachment 1) L61650.23.846A.001 rev4	□Ramona Carbone	Bilfinger	0

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PROLOGGER	PUNCHLIST	RFPORT 2020	-02-05 14:05:59

Number 1918	System EPI3-G&S - EPI Generation	Author n & Rarage a Carbone	Description Deviations as marked up or L61650.LOG.846A rev4	n component	lists (see	attachment	2 and	22)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1919	EPI3-G&S - EPI Generation	n &⊡ Rairage a Carbone	Deviations as marked up o L61650.LOG.846A rev4	n component	list (see	attachment	4 and	23)	□Ramona Carbone	Bilfinger	0
1920	EPI3-G&S - EPI Generation	n &: Starage a Carbone	Deviations as marked up o	n component	list (see	attachment	5 and	24)	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1921	EPI3-G&S - EPI Generation	& ⊡Rarage a Carbone	L61650.846A.001 weld 10. Non conformamnce discolouration on section of HAZ	□Ramona Carbone	Bilfinger	0
1922	EPI3-G&S - EPI Generation	& ⊡Rarage a Carbone	Red mark on wiring diagram L61650.24.846B.001 rev 4	□Ramona Carbone	Bilfinger	0
1923	EPI3-D(Fr) - Eau Pour Injec	tion Raroid)a Carbone	No electrical Circuit for Green/red lamps on wiring diagram	□Ramona Carbone	Bilfinger	0
1924	EPI3-D(Fr) - Eau Pour Injec	tion Raroid)a Carbone	Close command valve V846B3.3 not configured ninside software	□Ramona Carbone	Bilfinger	0
1925	EPI3-D(Fr) - Eau Pour Injec	tion Raroid)a Carbone	Signal V846B3.4.PID.SP2 offset not communicate with IP21	□Ramona Carbone	Bilfinger	0
1926	EPI3-D(Fr) - Eau Pour Injec	tion Raroid)a Carbone	Valve on HMI wrongly tagged. V846B2.1 should be V561B.2.1 and V846B2.2	□Ramona Carbone	Bilfinger	0
			should be V561A.2.1			

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Number	System	Author	Description	Responsible	Supplier	Status
1927	EPI3-D(Fr) - Eau Pour Injec	tion Raroid)a Carbone	Line test not complete L61650.846B.LT.001 rev 1	□Ramona Carbone	Bilfinger	0
1928	EPI3-D(Fr) - Eau Pour Injec	ction Raroich a Carbone	Deviations as marked up on P&ID (attachment 1) L61651.23.846B.001 rev5	□Ramona Carbone	Bilfinger	0
1929	EPI3-D(Fr) - Eau Pour Injec	ctionR aroid) a Carbone	Deviations as marked up on P&ID (attachment 1) L61651.23.846B.001 rev5	□Ramona Carbone	Bilfinger	0
1930	EPI3-D(Fr) - Eau Pour Injec	ction Raroid)a Carbone	Deviations as marked up on P&ID (attachment 1) L61651.23.846B.001 rev5	□Ramona Carbone	Bilfinger	0

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Number 1931	System EPI3-D(Fr) - Eau Pour Injec	Author ctionRanim)a Carbone	Description Deviations as marked up on P&ID (attachment 1) L61651.23.846B.001 rev5	Responsible Ramona Carbone	Supplier Bilfinger	Status
1932	EPI3-D(Fr) - Eau Pour Injec	ction Raroய)a Carbone	Deviations as marked up on component lists (see attachment 2 and L61651.LOG.846B rev4	22) □Ramona Carbone	Bilfinger	0
1933	EPI3-D(Fr) - Eau Pour Injec	ction Raroய)a Carbone	Deviations as marked up on component lists (see attachment 5 and L61651.LOG.846B rev4	24) □Ramona Carbone	Bilfinger	0

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PROLOGGER	PUNCHLIST	RFPORT 2020	-02-05 14:05:59

Number 1934	System EPI3-D(Fr) - Eau Pour Inject	Author tion் Rுங்கு)a Carbone	Description Deviations as marked up on component lists (see attachment 4 and 23) L61651.LOG.846B rev4	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1935	EPI3-D(Fr) - Eau Pour Inject	tion Raroid)a Carbone	Deviations as marked up on P&ID (attachment 29) T61650.23.561A.001 rev 4	□Ramona Carbone	Bilfinger	0
1936	EPI3-D(Fr) - Eau Pour Inject	tion Raroid)a Carbone	Deviations as marked up on P&ID (attachment 30) T61650.23.561B.001 rev 4	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1937	EPI3-D(Fr) - Eau Pour Injec	tion Raroiot) a Carbone	Sanitization logic incorrect SQ53 (SANI1) temperature set at 85C with manual start.	□Ramona Carbone	Bilfinger	0
			SQ54 (SANI2) temperature set at 130C with manual start and timer autostartx000D_			
			x000D			
			Closed, transferred to SAT doc no 61650-846B-SAT-Static-001 rev 03 deviation			
			11_x000D_			
			x000D			
			Duncan Patterson 22-Feb-2018			

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Number 1938	System EPI3-D(Fr) - Eau Pour Inject	Author ioா ®எல் ற்a Carbone	Description Missing PW distribution loop valve (NVS tag V010) on M61650.24.438A.001 rev 4	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1939 1940	EPI3-G&S - EPI Generation EPI3-G&S - EPI Generation	3	Red mark comments on wiring digram M61650.24.438A.001 rev 4 Valves (NVS tag nos V931, V930, V250) are not managed in the distiller software(nether HMI or PLC)	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
1941	EPI3-G&S - EPI Generation	&⊑ Starage a Carbone	Missing line tested to check	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1942	EPI3-G&S - EPI Generation	ı &⊡ Starage a Carbone	Local/ remote functionality not as per requirement	□Ramona Carbone	Bilfinger	0
1943	EPI3-G&S - EPI Generation	ı &⊡ Starage a Carbone	Deviation as marked up on P&ID M61650.23.438A.001 rev 03	□Ramona Carbone	Bilfinger	0
1944	EPI3-G&S - EPI Generation	ı &⊡ Starage a Carbone	Deviation as marked up on P&ID M61650.23.438A.001 rev 03	□Ramona Carbone	Bilfinger	0
1945	EPI3-G&S - EPI Generation	n &⊡ Starage a Carbone	Deviations as marked up on component list. M61650.LOC.438A.001 rev 04. See	□Ramona Carbone	Bilfinger	0
			attactments 2 and 22			
1946	EPI3-G&S - EPI Generation	n &⊡ Starage a Carbone	Deviations as marked up on component list. M61650.LOC.438A.001 rev 04. See	□Ramona Carbone	Bilfinger	0
			attactments 5			

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There is no documentation available concerning the MPI exchange table (communication with Passerelle PLC to Delta V). Looking in the CPU_LOPA provided software file it seems this is handled in the DB450. Since there is no documentation provided for this exchange table (Data Exchange List) this table could not be verified

Number	System	Author	Description	Responsible	Supplier	Status
1947	EPI3-G&S - EPI Generation	&: Starage a Carbone	See Christophe Brand email item 2). Additional Deviation found during functional logic	□Ramona Carbone	Bilfinger	0
			testing 22/Aug/2017_x000D_			

during FAT

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	PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:59						
Number	System	Author	Description	Responsible	Supplier	Status	
1948	EPI3-G&S - EPI Generation	n & SRarage a Carbone	Deviations as marked up on P&ID see attachment 1 and 18_x000D_	□Ramona Carbone	Bilfinger	0	
			L61660.23.845A.001 rev 06_x000D_				
			FAT test 2.3.1, non critical				
1952	R201 - Buffer Preparation T	Tank Rancol a Carbone	Data exchange list missing_x000D_	□Ramona Carbone	Bilfinger	0	
			FAT test 2.5.2 and 2.5.3_x000D_				
			non-critical				

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			PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:59			
Number	System	Author	Description	Responsible	Supplier	Status
1953	R201 - Buffer Preparation Tank R200001a Carbone		Deviations as marked up on P&ID see attachment 1 and 18_x000D_	□Ramona Carbone	Bilfinger	0
			06166o.23.270A.001 rev 06_x000D_			
			FAT test 2.3.1. Not critical			

Bottom nozzle tolerance not possible to check because bottom valve is installed.

Agitator not present; mixing group not possible to check. Flatness of flange not possible Ramona Carbone

□Ramona Carbone

to check.

R205 - Buffer Preparation Tank R2000 Mana Carbone

1954

1955

F483 - Centrifuge

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0

0

Bilfinger

Bilfinger

□Ramona Carbone

Number	System	Author	Description	Responsible	Supplier	Status
1956	R205 - Buffer Preparation Ta	ank R2000 lna Carbone	Studs (goujon) too shorts on some nozzles	□Ramona Carbone	Bilfinger	0
1957	R205 - Buffer Preparation Ta	ank R2000 lna Carbone	Load cells not installed, no check done	□Ramona Carbone	Bilfinger	0
1958	R205 - Buffer Preparation Ta	ank Randu na Carbone	Tolerance on diameter of ingold plugs not checked because final components not	□Ramona Carbone	Bilfinger	0
			installed (sampling, conductivity,)			
1959	R205 - Buffer Preparation Ta	ank R2000 lna Carbone	Degree of ingold port not aligned for the following nozzles: _x000D_	□Ramona Carbone	Bilfinger	0
			N86 (sample) nad N91 (spare)			

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Number	System	Author	Description	Responsible	Supplier	Status
1960	R205 - Buffer Preparation Ta	ank Randu na Carbone	Dimensions of dip tube cannot be checked, sprayball internals not checked - sprayballs and dip tube not installed.	□Ramona Carbone	Bilfinger	0
			and dip table not installed.			
1961	R205 - Buffer Preparation Ta	ank Randu na Carbone	All tank nozzles and valves are not tagged	□Ramona Carbone	Bilfinger	0
1962	R205 - Buffer Preparation Ta	ank R2000 dna Carbone	ISO PC/D 205-6: one weld on Dip tube is temporary.	□Ramona Carbone	Bilfinger	0
1963	R205 - Buffer Preparation Ta	ank R2900 dna Carbone	The following components are not installed and not available: V503 - P101 - W101 -	□Ramona Carbone	Bilfinger	0
			X111 - Y811 & G811 - L111 - P102 - X101 - T101 - M101.			

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Number	System	Author	Description	Responsible	Supplier	Status
1964	R205 - Buffer Preparation Tank R2000 and Carbone		Instruments fitting not checked because istruments not available.	□Ramona Carbone	Bilfinger	0
1965	R205 - Buffer Preparation	Tank R2900 0dna Carbone	Vessel drawing is not in 'As built' revision	□Ramona Carbone	Bilfinger	0
1966	R205 - Buffer Preparation	Tank R2900 0lna Carbone	Manufacturer's name plate is not available in the DOE	□Ramona Carbone	Bilfinger	0
1967	R205 - Buffer Preparation	Tank R 2900 duna Carbone	Insulation documents are not available	□Ramona Carbone	Bilfinger	0
1968	R205 - Buffer Preparation	Tank R20000lna Carbone	Material certificate list, 2 items numbers are missing below items 12 and 14.	□Ramona Carbone	Bilfinger	0

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Number 1969	System R205 - Buffer Preparation Ta	Author ank R2900 01na Carbone	Description Material certificate list, item N39, Ht number for flange according to DIN 11864-3 and not for DIN 11864-2	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1970	R205 - Buffer Preparation Ta	ank R2900 lna Carbone	Material certificate list, item N80, standard- Ht Nb and cert. Nb are missing	□Ramona Carbone	Bilfinger	0
1971	R205 - Buffer Preparation Ta	ank R2900 dna Carbone	Material certificate list, item N15, the drawing Nb is missing	□Ramona Carbone	Bilfinger	0

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Number 1972	System R205 - Buffer Preparation Ta	Author ank P29 00യ്ഥa Carbone	Description Material certificate list, item N13, the drawing Nb-Standard-Ht Nb and cert. Nb are missing	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1973	R205 - Buffer Preparation Ta	ank R2900 dna Carbone	Material certificate of gaskets are missing: missing for the manhole and agitators.	□Ramona Carbone	Bilfinger	0
1974 1975	R205 - Buffer Preparation Ta		Spray ball and diptubes documents are missing Items 25 and 26 for a te and a reduction are missing.	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1976	R205 - Buffer Preparation Ta	ank i?:000d na Carbone	Welding Log - Welds 405A to D are missing	□Ramona Carbone	Bilfinger	0
1977	R205 - Buffer Preparation Ta	ank R2000 dna Carbone	Accessory welding documents are missing	□Ramona Carbone	Bilfinger	0
1978	R205 - Buffer Preparation Ta	ank R2000 dna Carbone	Degreasing/passivation certificate is missing	□Ramona Carbone	Bilfinger	0
1979	R205 - Buffer Preparation Ta	ank Randu na Carbone	Flushing / drying procedure and certificates are missing	□Ramona Carbone	Bilfinger	0
1980	R205 - Buffer Preparation Ta	ank Randu na Carbone	Notified Body's design examination is missing	□Ramona Carbone	Bilfinger	0
1981	R205 - Buffer Preparation Ta	ank Randu na Carbone	Notified Body's CE attestation is missing. This point is not blocking the MC. It's	□Ramona Carbone	Bilfinger	0
			conditionally accepted by NVS management			

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Number	System	Author	Description	Responsible	Supplier	Status
1982	R205 - Buffer Preparation T	ank R2000 dna Carbone	Maintenance log is missing	□Ramona Carbone	Bilfinger	0
1983	R205 - Buffer Preparation T	ank R2000 dna Carbone	Weldings information (heat number and certificate number) missing on the isometrics.	□Ramona Carbone	Bilfinger	0
1984	R205 - Buffer Preparation T	ank Rano dna Carbone	All lines are identified with a temporary label.	□Ramona Carbone	Bilfinger	0
1985	R205 - Buffer Preparation T	ank Randu na Carbone	Sprayball iso not according to the constructed piece: upper part longer.	□Ramona Carbone	Bilfinger	0
1986	R205 - Buffer Preparation T	ank Randu na Carbone	Drainability test failed at the position of the blank flange (not according to same profile	□Ramona Carbone	Bilfinger	0
			as the real flange on agitator).			

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Number 1987	System R205 - Buffer Preparation Ta	Author ank R290 @na Carbone	Description CIP line number on Isometric for bottom valve ISO 40-BUFFER-EG16N40-R205-R205 does not match P&ID	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1988 1989	R205 - Buffer Preparation Ta		Agitator not installed, test cannot be carried out Agitator not installed, level strapping test carried out does not reflect true volumes	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
1990	R205 - Buffer Preparation Ta	ank r2900 ba Carbone	Volumes measured do not match vessel drawing	□Ramona Carbone	Bilfinger	0

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Number 1991	System R205 - Buffer Preparation Ta	Author ank £290 0ப்பு Carbone	Description Sprayball documentations (drawings, iso,) not aligned with try n°2 of sprayball coverage test.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1992	R205 - Buffer Preparation Ta	ankR 290@ na Carbone	Construction drawing to be updated with modifications concerning the new agitator to be installed.	□Ramona Carbone	Bilfinger	0
1993	R205 - Buffer Preparation Ta	ank R29000 lna Carbone	Leak pressure test not performed	□Ramona Carbone	Bilfinger	0 Page 388/535

Number 1994	System R205 - Buffer Preparation Ta	Author ank ஜூ ரிம்na Carbone	Description n° 05, 16: hardware devices description in the wiring diagrams hardware list does not match with the installed hardware	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
1995	B205 - Buffer Storage Tank	□Ramona Carbone	n° 06: missing or wrong cable labels on the terminals inside control cabinet.	□Ramona Carbone	Bilfinger	0
1996	B205 - Buffer Storage Tank	□Ramona Carbone	n° 08, 14: some labels in the control cabinet are not correct (wrong description/wrong colors).	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
1997	B205 - Buffer Storage Tank	□Ramona Carbone	n° 01: hardware documentation of electrical components of the cabinet is missing	□Ramona Carbone	Bilfinger	0
1998	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: cabinet manufacturer's self-check sheet is missing	□Ramona Carbone	Bilfinger	0
1999	B205 - Buffer Storage Tank	□Ramona Carbone	n° 03: cabinet CE certificate is missing	□Ramona Carbone	Bilfinger	0
2000	B205 - Buffer Storage Tank	□Ramona Carbone	$\ensuremath{n^\circ}$ 01: MCB after redundant 24V supply module shall be different type and not	□Ramona Carbone	Bilfinger	0
			Schneider (rate is not correct)			

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Number 2001	System B205 - Buffer Storage Tank	Author □Ramona Carbone	Description n° 02: vent device with filter is to be installed on the cabinet to prevent overpressure in case of air leak on pneumatic circuit inside the cabinet	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2002	B205 - Buffer Storage Tank	□Ramona Carbone	n° 05: earthing of the skid: wiring of the earthing cable/cords on the skid is completely missing	□Ramona Carbone	Bilfinger	0
2003	B205 - Buffer Storage Tank	□Ramona Carbone	n° 11: some cabling on instrument have been bent too much, this will damage the cable in a short time	□Ramona Carbone	Bilfinger	0

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Number 2004	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description n° 08: PROFIBUS cable numbering is not as per Novartis procedure	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2005	B205 - Buffer Storage Tank	□Ramona Carbone	n° 10, 14: cable colors for 24V: brown is + white isx000D_ as per colour code: some cables on wiring diagram are inverted	□Ramona Carbone	Bilfinger	0
2006	B205 - Buffer Storage Tank	□Ramona Carbone	n° 01: instrument list not available; the test has been executed with the P&lds as a reference document	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2007	B205 - Buffer Storage Tank		n° 02: instruments missing: bursting disk	□Ramona Carbone	Bilfinger	0
2008	B205 - Buffer Storage Tank	□Ramona Carbone	$\ensuremath{\text{n}^{\circ}}$ 02: TT101 (tank bottom temp): the wrong instruments type is installed (TR15 non	□Ramona Carbone	Bilfinger	0
			aseptic instead of TM411 aseptic)			
2009	B205 - Buffer Storage Tank	□Ramona Carbone	instrument configuration sheets are not available; the test cannot be executed	□Ramona Carbone	Bilfinger	0
2010	B205 - Buffer Storage Tank	□Ramona Carbone	(safety system - installation fallback) internal tests has not been verified during FAT.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status		
2011	B205 - Buffer Storage Tank	□Ramona Carbone	$\ensuremath{\text{n}^{\circ}}$ 14: some wires are missing (field device not wired - V001, V922, V930, V963, V992,	□Ramona Carbone	Bilfinger	0		
			air supply - earth wire missing on XRINT.02)					
2012	B205 - Buffer Storage Tank	□Ramona Carbone	$\ensuremath{n^\circ}$ 14: load cells are not installed under the tank, the wires are not layed down to the cabinet, the cable ways are not present on the skid	□Ramona Carbone	Bilfinger	0		
2013	B205 - Buffer Storage Tank	□Ramona Carbone	n° 06. wrong colour of terminal indicated on wiring diagram	□Ramona Carbone	Bilfinger	0		
						Page 394/535		

Number	System	Author	Description	Responsible	Supplier	Status
2014	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital input loop check failure:_x000D_	□Ramona Carbone	Bilfinger	0
			GSH-811 rupture disk: disk not installed			
2015	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V954, V961, V003, V004 valves not installed	□Ramona Carbone	Bilfinger	0
2016	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V401, not possible to command it	□Ramona Carbone	Bilfinger	0

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			TROUGUE TO TROUBLE TREE OR TO THE TOTAL TREE OR THE TR			
Number	System	Author	Description	Responsible	Supplier	Status
2017	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_	□Ramona Carbone	Bilfinger	0
			V701, pneumatic connetion on the valve is wrong			
2018	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V502, wrong connection on FESTO block	□Ramona Carbone	Bilfinger	0
2019	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V001, V922, V930, V963, V992 are loose valves	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2020	B205 - Buffer Storage Tank	□Ramona Carbone	n° 03: analogue input loop check failure:_x000D_	□Ramona Carbone	Bilfinger	0
			TT982, TT980: RM042 transducer in the cabinet not configured			
2021	B205 - Buffer Storage Tank	□Ramona Carbone	n° 04: analogue output (control valve) loop check failure:_x000D_ R701: valve actuator seems not properly configured	□Ramona Carbone	Bilfinger	0
2022	B205 - Buffer Storage Tank	□Ramona Carbone	n° 03: analogue input loop check failure:_x000D_ W101: weighing cells not installed and not wired	□Ramona Carbone	Bilfinger	0

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Number 2023	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description cabinet is not clean, lot of construction material is around	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2024	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: missing information on the CE label: max lcc that the cabinet can sustainx000D_ A second label with the client data is missing	□Ramona Carbone	Bilfinger	0
2025	B205 - Buffer Storage Tank	□Ramona Carbone	n° 09: poor fixing of part of the piping/cable trays supports on the top of the buffer storage tanks	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2026	B205 - Buffer Storage Tank	□Ramona Carbone	n° 11/TS02.3.05: due to the works in progress it is not possible to check cable trays	□Ramona Carbone	Bilfinger	0
			completeness, clashes and interference, holes and openings			
2027	B205 - Buffer Storage Tank	□Ramona Carbone	n° 12/TS02.3.05 - n° 03: some rilsan pipes are touching CIP pipes - near valve	□Ramona Carbone	Bilfinger	0
			V952_x000D_			
			T980 cable is touching the steam pipe.			

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		•	TROEGOCERT GROTIEIOT REL ORT 2020-02-03 14.03.33			
Number	System	Author	Description	Responsible	Supplier	Status
2028	B205 - Buffer Storage Tank	□Ramona Carbone	this test refers to the check of the calibration of instruments, it is not foreseen during	□Ramona Carbone	Bilfinger	0
			FAT			
2029	B205 - Buffer Storage Tank	□Ramona Carbone	$\ensuremath{\text{n}^{\circ}}$ 14: the cabling of the terminal block XREXT.03 is done in a different way from the	□Ramona Carbone	Bilfinger	0
			other cabinets, this is not good for maintenance.			
2030	B205 - Buffer Storage Tank	□Ramona Carbone	n° 02: the profibus address of Festo block is wrong	□Ramona Carbone	Bilfinger	0
						Page 400/535

Number	System	Author	Description	Responsible	Supplier	Status
2031	B205 - Buffer Storage Tank	□Ramona Carbone	LOTO valves not installed	□Ramona Carbone	Bilfinger	0
2032	B205 - Buffer Storage Tank	□Ramona Carbone	To perform passivation, the mechanical interlock on the Festo Clusters is removed to	□Ramona Carbone	Bilfinger	0
			operate the valves.			
2033	B205 - Buffer Storage Tank	□Ramona Carbone	All lines are identified with a temporary label; some of the components are identified	□Ramona Carbone	Bilfinger	0
			with temporary label: Few components are not identified.			

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Number 2034	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description ISO 50-BUFFER-EG16N40-B204-O41 folio 1 of 2: line partially not installed.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2035	B205 - Buffer Storage Tank	□Ramona Carbone	Weldings information (heat number, certificate) missing on the isometrics.	□Ramona Carbone	Bilfinger	0
2036	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIPR-EG16N40-B204-048 folio 1 of 1: Slope on flexible X961 not verified because not installed.	□Ramona Carbone	Bilfinger	0

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PROLOGGER F	PUNCHLIST	REPORT	2020-02-05	14:05:59
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Number 2037	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description ISO 40-CIPR-EG16N40-B204-049 folio 1 of 1: Slope on flexible X941 not verified because not installed.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2038	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 40-ERF-EG16N40-B204-060 folio 1 of 2: Slope on flexible X702 not verified because not installed.	□Ramona Carbone	Bilfinger	0
2039	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 50-BUFFER-EG16N40-B204-050 folio 2 of 3: Slope on flexible X401 not verified because not installed.	□Ramona Carbone	Bilfinger	0

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Number 2040	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description ISO 40-ACP-EG16N40-B204-043 folio 2 of 2: Pressure Indicator P-500 missing on the filter F1 top.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2041	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIPR-EG16N43-B204-051 folio 2 of 2: line not installed.	□Ramona Carbone	Bilfinger	0
2042	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 15-G-N2P-EG18X40-B204-061 folio 1 of 1: line not installed.	□Ramona Carbone	Bilfinger	0

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Number 2043	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description ISO 50-CIP-EG16N40-B204-088 folio 1 of 1: line not installed.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2044	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIP-EG16N40-B204-188: line not installed, iso not available.	□Ramona Carbone	Bilfinger	0
2045	B205 - Buffer Storage Tank	□Ramona Carbone	On the Equipment List line numbers not compliant with P&ID and few datasheet revision not compliant with the datasheets.	□Ramona Carbone	Bilfinger	0

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Number 2046	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description Reference on equipment list for Manual Ball Valve Mecainox cannot be verified on istalled valve.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2047	B205 - Buffer Storage Tank	□Ramona Carbone	Isometrics not conform to the P&ID: some lines indicated with different numbers.	□Ramona Carbone	Bilfinger	0
2048	B205 - Buffer Storage Tank	□Ramona Carbone	Weld numbers for the welds done directly on the skid (between two different isos) missing on the ISO.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2049	B205 - Buffer Storage Tank	□Ramona Carbone	Continuity not according to P&ID	□Ramona Carbone	Bilfinger	0
2050	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 40-CIP-EG16N40-B204-049 to be updated with the new flange added for handling	□Ramona Carbone	Bilfinger	0
			reason.			
2051	B205 - Buffer Storage Tank	□Ramona Carbone	P&ID to be updated adding the new flange on line 40-CIP-EG16N40-B204-049 (for	□Ramona Carbone	Bilfinger	0
			handling reason).			

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Number	System	Author	Description	Responsible	Supplier	Status
2052	B205 - Buffer Storage Tank	□Ramona Carbone	risk assessment not available	□Ramona Carbone	Bilfinger	0
2053	B205 - Buffer Storage Tank	□Ramona Carbone	Welder qualification test certificate report YAL is missing.	□Ramona Carbone	Bilfinger	0
2054	B205 - Buffer Storage Tank	□Ramona Carbone	Isometrics for Line 40-VP2-EG16N44-B204-076 and 8-VP2-EG16N44-B204-099 are	□Ramona Carbone	Bilfinger	0
			missing.			
2055	B205 - Buffer Storage Tank	□Ramona Carbone	Item #H505, SG012, V922, V930, V963, V992, X101 and X811 : Certificate numbers	□Ramona Carbone	Bilfinger	0
			missing hence unable to view VTOD.			

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Number 2056	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description Item # X101 : Material certificate 3.1 is not identified on equipment list	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2057	B205 - Buffer Storage Tank	□Ramona Carbone	Item #XP102, P103, P500, X501 and X922 : Error on the equipment list. Material Certificate 2.1 is not available.	□Ramona Carbone	Bilfinger	0
2058	B205 - Buffer Storage Tank	□Ramona Carbone	Item #X922 : FDA certificate not identified on equipment list	□Ramona Carbone	Bilfinger	0

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Number 2059	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description Item #H920, H922, H923, V503, X501 and X922 : BSE certificate not identified on equipment list	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2060	B205 - Buffer Storage Tank	□Ramona Carbone	Item #V401, V503, X922, X071 and X072 : Roughness certificate not identified on equipment list	□Ramona Carbone	Bilfinger	0
2061	B205 - Buffer Storage Tank	□Ramona Carbone	Item #V401, V503, X501 and X922 : EP certificate not identified on equipment list	□Ramona Carbone	Bilfinger	0

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Number 2062	System B205 - Buffer Storage Tank	Author □Ramona Carbone	Description Item #H501, H504 and P103 and X504 : Heat number incorrect on equipment list	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2063	B205 - Buffer Storage Tank	□Ramona Carbone	Item #H920, H922, H923, LG013, V701, X504, X922 and Y811: Heat number not identified on equipment list	□Ramona Carbone	Bilfinger	0
2064	B205 - Buffer Storage Tank	□Ramona Carbone	Technical documentation (manual, operating instruction) missing	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2065	B205 - Buffer Storage Tank	□Ramona Carbone	Isometrics for Line 40-VP2-EG16N44-B204-076, 8-VP2-EG16N44-B204-099 and	□Ramona Carbone	Bilfinger	0
			50-CIP-EG16N40-B204-188 are missing.			
2066	B205 - Buffer Storage Tank	□Ramona Carbone	Test TS01.2.12 - Borescope videos missing for various welds on the following	□Ramona Carbone	Bilfinger	0
			isometric:_x000D_			
			welds #7, 22, 24 and 33 on ISO 50 BUFFER-EG16N40-B204-041 Folio 1/2_x000D_			
			welds #2, 4 and 7 on ISO 50-BUFFER-EG16N40-B204-041 Folio 2/2_x000D_			
			welds #2, 4 and 5 on ISO 15-ACP-EG16N43-B204-045 Folio 1/1_x000D_			
			welds #1, 8, 12, 14, 16 and 17 on 50-CIPR-EG16N40-B204-048 Folio 1/1_x000D_			
			welds #11, 13, 15 and 18 on ISO 40-CIP-EG16N40-B204-049 Folio 1/1_x000D_			
			welds #1, 2, 3 and 4 on ISO 50-BUFFER-EG16N40-B204-050 Folio 1/3_x000D_			
			weld #12 on ISO 50-CIPR-EG16N43-B204-051 Folio 1/2_x000D_			
			welds #1 and 2 on 50-CIP-EG16N40-B204-088 Folio 1/1			

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Number	System	Author	Description	Responsible	Supplier	Status
2067	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 40-ACP-EG16N43-B204-044 Folio 1 : Weld #04, welding information missing from welding book	□Ramona Carbone	Bilfinger	0
2068	B205 - Buffer Storage Tank	□Ramona Carbone	Test TS01.2.12 - No access to conduct visual and video borescope checks for various welds on the following lines:_x000D_	□Ramona Carbone	Bilfinger	0
			welds #5, 6, 7 on ISO 50-CIPR-EG16N40-B204-048 Folio 1/1_x000D_			
			weld #9 on ISO 40-CIP-EG16N40-B204-049 Folio 1/1			

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Number	System	Author	Description	Responsible	Supplier	Status
2069	B205 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIPR-EG16N43-B204-051 Folio 2, Welds #5, 6 : welds to be executed on construction site	□Ramona Carbone	Bilfinger	0
2070	B205 - Buffer Storage Tank	□Ramona Carbone	BSE/TSE free certificate and FDA (or USP) certificate missing for all the gaskets installed on pipes.	□Ramona Carbone	Bilfinger	0
2071	B205 - Buffer Storage Tank	□Ramona Carbone	test not completely performed, gasket material not checked.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2072	B205 - Buffer Storage Tank	□Ramona Carbone	some heat numers missing on the isometric nomenclature document.	□Ramona Carbone	Bilfinger	0
2073	B205 - Buffer Storage Tank	□Ramona Carbone	Test TS01.2.12 - on the weld log RTU-PR-S-121, the column C/NC (checked/non	□Ramona Carbone	Bilfinger	0
			checked) is not ticked on the following isometrics:_x000D_			
			50-BUFFER-EG16N40-B204-041 Folio 1/2_x000D_			
			10-ACP-EG16N40-B204-043 Folio 1/1_x000D_			
			40-ACP-EG16N40-B204-043 Folio 2/2_x000D_			
			50-CIPR-EG16N40-B204-048 Folio 1/1_x000D_			
			8-CIP-EG16N40-B204-049 Folio 1/1_x000D_			
			40-CIP-EG16N40-B204-049 Folio 1/1_x000D_			
			50-CIPR-EG16N43-B204-051 Folio 2/2			

Number 2074	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description Line 40-CIP-EG16N40-B204-049: second flange to be added for maintenance of the flange already installed below valve V931.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2075	B205 - Buffer Storage Tank	□Ramona Carbone	Safety clamp not installed on the top of the filter F1 (manometer nozzle).	□Ramona Carbone	Bilfinger	0
2076	B205 - Buffer Storage Tank	□Ramona Carbone	Pressure test on lines performed according to fluid list pressure values, but documentation missing.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2077	B205 - Buffer Storage Tank	□Ramona Carbone	Studs (goujon) too shorts on some nozzles	□Ramona Carbone	Bilfinger	0
2078	B205 - Buffer Storage Tank	□Ramona Carbone	Load cells not installed, no check done	□Ramona Carbone	Bilfinger	0
2079	B205 - Buffer Storage Tank	□Ramona Carbone	Tolerance on diameter - sprayballs and diptube not installed	□Ramona Carbone	Bilfinger	0
2080	B205 - Buffer Storage Tank	□Ramona Carbone	Tolerance on diameter of ingold plugs not checked because final components not	: □Ramona Carbone	Bilfinger	0
			installed (sampling, conductivity,)			

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Number	System	Author	Description	Responsible	Supplier	Status
2081	B205 - Buffer Storage Tank	□Ramona Carbone	Sprayballs missing	□Ramona Carbone	Bilfinger	0
2082	B205 - Buffer Storage Tank	□Ramona Carbone	Degree of ingold port not aligned for the following nozzles: N79 (spare); N89 (spare).	□Ramona Carbone	Bilfinger	0
2083	B205 - Buffer Storage Tank	□Ramona Carbone	The following components are available but not installed: P101 - L111 - P102 - P103 - Y811 + dip tube on nozzle N25 and sprayball on nozzle N39.	· □Ramona Carbone	Bilfinger	0
2084	B205 - Buffer Storage Tank	□Ramona Carbone	The following components are not available: W101 - X111 - G811 - X101 - manway sight glass	√ □Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2085	B205 - Buffer Storage Tank	□Ramona Carbone	All tank nozzles, Valves and outlet line are not tagged.	□Ramona Carbone	Bilfinger	0
2086	B205 - Buffer Storage Tank	□Ramona Carbone	weldings information (heat number and certificate number) missing on the isometrics.	□Ramona Carbone	Bilfinger	0
2087	B205 - Buffer Storage Tank	□Ramona Carbone	Fitting for the following not available instruments has not been verified: X111 (light glass); X101 (sampling device).	□Ramona Carbone	Bilfinger	0
2088	B205 - Buffer Storage Tank	□Ramona Carbone	Welds indication on isomentric not correct for the following iso: _x000D_ PC/D B205-3; _x000D_ PC/D B205-4; _x000D_ PC/D B205-5.	□Ramona Carbone	Bilfinger	0

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Number 2089	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description Datasheet P16-0052-SP-10 MANWAY rev 1.2: wrong model type indicated on the datasheet (number of lid clamps wrong: 8 instead of 6 indicated on datasheet)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2090	B205 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-65 BURST DISK Y811 rev 1.2: name of supplier and model to be correct.	□Ramona Carbone	Bilfinger	0
2091	B205 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-61 LEVEL SWITCH L111 rev 1.1: tag reference not complete; wrong tag number.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2092	B205 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-90 TEMPERATURE INDICATOR T101 1.1: wrong transmitter	□Ramona Carbone	Bilfinger	0
			model indicated on the label, but type of transmitter ok.			
2093	B205 - Buffer Storage Tank	□Ramona Carbone	the following datasheets have not been checked because	□Ramona Carbone	Bilfinger	0
			istruments/equipment/information not available: P16-0052-SP-13 lightglass;			
			P16-0052-SP-14-2 sampling port.			

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Number	System	Author	Description	Responsible	Supplier	Status
2094	B205 - Buffer Storage Tank	□Ramona Carbone	Test Log: sprayball not tagged.	□Ramona Carbone	Bilfinger	0
2095	B205 - Buffer Storage Tank	□Ramona Carbone	the following Instrument are not tagged: _x000D_	□Ramona Carbone	Bilfinger	0
			P101, P102, L111, Y811, X111, X101, G811.			
2096	B205 - Buffer Storage Tank	□Ramona Carbone	for the following ISO not all welds have been done: _x000D_	□Ramona Carbone	Bilfinger	0
			PC/D B205-3; _x000D_			
			PC/D B205-4; _x000D_			
			PC/D B205-5.			

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Number	System	Author	Description	Responsible	Supplier	Status
2097	B205 - Buffer Storage Tank	□Ramona Carbone	Vessel drawing is not in 'As built' revision	□Ramona Carbone	Bilfinger	0
2098	B205 - Buffer Storage Tank	□Ramona Carbone	User Manual is not available	□Ramona Carbone	Bilfinger	0
2099	B205 - Buffer Storage Tank	□Ramona Carbone	Manufacturer's name plate is not available in the DOE	□Ramona Carbone	Bilfinger	0
2100	B205 - Buffer Storage Tank	□Ramona Carbone	Insulation documents are not available	□Ramona Carbone	Bilfinger	0
2101	B205 - Buffer Storage Tank	□Ramona Carbone	Item #6 : Ht Nb 521867 instead of 0521867	□Ramona Carbone	Bilfinger	0
2102	B205 - Buffer Storage Tank	□Ramona Carbone	Item #11 + 14 : Drawing Nb PC201 instead of PC155	□Ramona Carbone	Bilfinger	0
2103	B205 - Buffer Storage Tank	□Ramona Carbone	Item #N81 : Error on the Cert. Nb.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2104	B205 - Buffer Storage Tank	□Ramona Carbone	Item #N2, N4 and N5 : Material certificates not available.	□Ramona Carbone	Bilfinger	0
2105	B205 - Buffer Storage Tank	□Ramona Carbone	Filler metal (1733) - Grade incomplete	□Ramona Carbone	Bilfinger	0
2106	B205 - Buffer Storage Tank	□Ramona Carbone	Item #2 : 2 Different Ht Nb. on the Material Cert.	□Ramona Carbone	Bilfinger	0
2107	B205 - Buffer Storage Tank	□Ramona Carbone	Item #N56 and N57 are missing	□Ramona Carbone	Bilfinger	0
2108	B205 - Buffer Storage Tank	□Ramona Carbone	Material certificate of gaskets are missing: referred only to the manhole gasket	□Ramona Carbone	Bilfinger	0
2109	B205 - Buffer Storage Tank	□Ramona Carbone	Spray ball and diptubes documents are missing	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2115	B205 - Buffer Storage Tank	□Ramona Carbone	Flushing / drying procedure and certificates are missing	□Ramona Carbone	Bilfinger	0
2116	B205 - Buffer Storage Tank	□Ramona Carbone	2nd Jacket side hydrostatic test is missing	□Ramona Carbone	Bilfinger	0
2117	B205 - Buffer Storage Tank	□Ramona Carbone	Notified Body's attestation is missingx000D_	□Ramona Carbone	Bilfinger	0
			This Item is not blocking for the MC; it will be conditionally accepted by the	•		
			Commissioning team.			
2118	B205 - Buffer Storage Tank	□Ramona Carbone	Notified Body's design examination is missing	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2119	B205 - Buffer Storage Tank	□Ramona Carbone	Maintenance log is missing	□Ramona Carbone	Bilfinger	0
2120	B205 - Buffer Storage Tank	□Ramona Carbone	Calculation Notes - PED 97/23/CE instead of 2014/68/CE and MAWT = 10°C instead of	□Ramona Carbone	Bilfinger	0
			0°C			
2121	B205 - Buffer Storage Tank	□Ramona Carbone	Test drainability not performed according to the family approach agreed (test	□Ramona Carbone	Bilfinger	0
			performed on B217)			

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Number 2122	System B205 - Buffer Storage Tank	Author Ramona Carbone	Description Level strapping not performed according to the family approach agreed (test performed on B217)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2123	B205 - Buffer Storage Tank	□Ramona Carbone	Sprayball coverage test not performed according to the family approach agreed (test performed on B217)	□Ramona Carbone	Bilfinger	0
2124	B205 - Buffer Storage Tank	□Ramona Carbone	Name plate has been checked and value for pressure test for the jacket is not in accordance with the construction drawings.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2125	B205 - Buffer Storage Tank	□Ramona Carbone	The sightglass installed on the manway had wrong size (too small): it has been	□Ramona Carbone	Bilfinger	0
			changed according to the tank construction drawing and re-installed.			
2126	B205 - Buffer Storage Tank	□Ramona Carbone	Leak pressure test not performed	□Ramona Carbone	Bilfinger	0
2127	B205 - Buffer Storage Tank	□Ramona Carbone	Tank not completely clean after electropolishing and passivation (issues during	□Ramona Carbone	Bilfinger	0
			sprayball coverage test performed on B217).			

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Number	System	Author	Description	Responsible	Supplier	Status
2128	B205 - Buffer Storage Tank	□Ramona Carbone	All components are installed without tag (plastic label) according to NVS standard for	□Ramona Carbone	Bilfinger	0
			tagging (refer P&ID FAT Protocol attachment 30 to test 4.1.1)			
2129	R118 - Media Preparation T	Γank F25000 ba Carbone	Line -002 between flexible X503 and nozzle N006 is not installed (including	□Ramona Carbone	Bilfinger	0
			components X503 and V503 and fittings)_x000D_			
			(Line out of the skid, manufature not possible before installation on site)			

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System	Author	Description	Responsible	Supplier	Status
R118 - Media Preparation Ta	nrk R25000 ba Carbone	Line -003 between nozzle N013 and RG/S1-BL002 is not installed including	□Ramona Carbone	Bilfinger	0
		components and fittings (Line out of the skid, manufature not possible before			
		installation on site)			
		System Author R118 - Media Preparation Tank (P25000) La Carbone	R118 - Media Preparation Tank R25000 Line -003 between nozzle N013 and RG/S1-BL002 is not installed including components and fittings (Line out of the skid, manufature not possible before	R118 - Media Preparation Tank P25000 ha Carbone Line -003 between nozzle N013 and RG/S1-BL002 is not installed including Ramona Carbone components and fittings (Line out of the skid, manufature not possible before	R118 - Media Preparation Tank R25000 ba Carbone Line -003 between nozzle N013 and RG/S1-BL002 is not installed including Ramona Carbone Bilfinger components and fittings (Line out of the skid, manufature not possible before

fittings (Line out of the skid, manufature not possible before installation on site)

Line -001 between nozzle N8 and valve V004 is not installed including components and □Ramona Carbone

2131

R118 - Media Preparation Tank P25000ba Carbone

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Bilfinger

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Number	System	Author	Description	Responsible	Supplier	Status		
2132	R118 - Media Preparation Ta	ank R25000 ba Carbone	Lines -012 and -013 ERF/ERFR Jacket inlet and outlet are not installed including	□Ramona Carbone	Bilfinger	0		
			components and fittings (Line out of the skid, manufature not possible before					
			installation on site))					
2133	R118 - Media Preparation Ta	ank R25000 ba Carbone	Lines -042 and -013 (CIP) below the platform are not installed including components	□Ramona Carbone	Bilfinger	0		
			and fittings (Line out of the skid, manufature not possible before installation on site)					

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Number 2134	System R118 - Media Preparation T	Author ankR25000ba Carbone	Description Line -035 is not installed in the drain collection (Line out of the skid, manufature not possible before installation on site)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2135	R118 - Media Preparation T	ank F25000 ba Carbone	Line -026 (EPIF) crossing the platform is not installed (Line out of the skid, manufature not possible before installation on site)	□Ramona Carbone	Bilfinger	0
2136	R118 - Media Preparation T	ank P25000 ba Carbone	Lines -074, -075, -076, -077 including components and fittings are not installed (Line out of the skid, manufature not possible before installation on site)	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status			
2137	R118 - Media Preparation Tank P25000 La Carbone		PG isometric drawings are stuctured in the way that one drawing is collecting more	□Ramona Carbone	Bilfinger	0			
			than one line number. Each isometric includes all the data mentioned in the P&ID (i.e.						
			line numbers, iso breaks, piping class limits, battery limits, etc.)						
2138	R118 - Media Preparation Ta	ank R25000 ba Carbone	Cabinet 341.2.64/J.001 Page 16_x000D_	□Ramona Carbone	Bilfinger	0			
			Main Switch Label missing on drawing.						

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Number	System	Author	Description	Responsible	Supplier	Status
2139	R118 - Media Preparation	Tank R25000 ba Carbone	Cabinet 341.2.64/J.001 Page 16_x000D_	□Ramona Carbone	Bilfinger	0
			Wiring diagram has some unlegible dimenssions (Autocal Printing Issue)			
2140	R118 - Media Preparation	Tank R25000 ba Carbone	Cabinet 341.2.64/J.001 Page 16_x000D_	□Ramona Carbone	Bilfinger	0
			Vertical Dimensions for Emergency Button and Main Switches are not correct:_x000D_			
			Design says 1000mm value is 1018mm and Design says 500mm and is 582mm			

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Number 2141	System R118 - Media Preparation 1	Author FankR 25000 ba Carbone	Description Cabinet 341.2.64/J.001 Page 17_x000D_ Wiring diagram has some unlegible dimenssions (Autocal Printing Issue)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2142	R118 - Media Preparation T	Γank F25000 ba Carbone	Cabinet 341.2.64/J.001 Page 17_x000D_ Layout of devices is not as per installation: _x000D_ Many Terminal strips are missing, _x000D_ Location of devices is not correct, _x000D_ Grounding and Shielding bars are not all represented nor labelled, _x000D_ The Cablofil in the bottom is not	□Ramona Carbone	Bilfinger	0

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Number 2143	System R118 - Media Preparation T	Author Fank P2500 0ba Carbone	Description Cabinet 341.2.64/J.001 Page 18_x000D_ Routing does not show lower cablofil	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2144	R118 - Media Preparation T	¯ank R2≨000 ba Carbone	Cabinet 341.2.64/J.001 Page 19_x000D_ Compression Fitting installed at top of cabinet is not shown.	□Ramona Carbone	Bilfinger	0
2145	R118 - Media Preparation T	Tank F2≨n00 nba Carbone	Cabinet 341.2.64/J.001 Page 20_x000D_ Not all Grounding and Shielding bars are shownx000D_ Earthing and Shielding inteonnections are not reflecting the actual wiring.	□Ramona Carbone	Bilfinger	0

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			PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:59			
Number	System	Author	Description	Responsible	Supplier	Status
2146	R118 - Media Preparatio	on Tank R25600o ba Carbone	Cabinet 341.2.64/J.001 Page 21_x000D_	□Ramona Carbone	Bilfinger	0
			Not all Grounding and Shielding bars are shownx000D_			
			Earthing and Shielding inteonnections are not reflecting the actual wiring.			
2147	R118 - Media Preparatio	on Tank R256000 ba Carbone	Cabinet 341.2.64/J.001 Page 260_x000D_	□Ramona Carbone	Bilfinger	0
			Pneumatic Distribution not represented as installed and labeled:_x000D_			
			- 260D1 and 260D2 have Eight portsx000D_			
			- Manual Valves not represented_x000D_			
			- Spare Ports not represented			

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Number 2148	System R118 - Media Preparation T	Author ankP25000ba Carbone	Description Some correction have been raised on the P&ID (refer P&ID FAT Protocol attachment 30 to test 4.1.1)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2149	R118 - Media Preparation T	ank R25000 ba Carbone	With reference to the lines not installed during the FAT, the P&ID walkdown cannot be considered complete	□Ramona Carbone	Bilfinger	0
2150	R118 - Media Preparation T	ankR 25000 ba Carbone	Instrument Calibrations / Hart Data:_x000D_ All verified vendor calibration certificates (except for flowmeters that certify required measuring range) show only standard manufacturer calibrationx000D_ (Example: All Temperature transmitters are calibrated 0 to 150°C where Data Sheet says 0 to 140°C.)	□Ramona Carbone	Bilfinger	0

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Number 2151	System R118 - Media Preparation 1	Author Fank P25000 ba Carbone	Description EC conformity declaration of the whole system delivered by PG is missing	Responsible Ramona Carbone	Supplier Bilfinger	Status
2152	R118 - Media Preparation T	Fank F2≨000 ∟a Carbone	Pictures of boroscopic inspection according to PSP008 are missing even the bosroscopic incpection has been correctly performed	e □Ramona Carbone	Bilfinger	0
2153	R118 - Media Preparation T	Fank F2≨000 ⊡a Carbone	Documentation check of Operating file for system R118 has not been performed by the document checker	e □Ramona Carbone	Bilfinger	0

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Number 2154	System R118 - Media Preparation T	Author ⁻ ank P25000 ba Carbone	Description Documentation check of Mechanical Maintenance file for system R118 has not been performed by the document checker	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2155	R118 - Media Preparation T	ank P25000 ba Carbone	Documentation check of Electrical Maintenance file for system R118 has not been performed by the document checker	□Ramona Carbone	Bilfinger	0
2156	R118 - Media Preparation T	¯ank r2≨000 ba Carbone	Documentation check according to PG LOD (List of Documentation), contractual VDR and Novartis VTOD chapter for system R118 has not been performed by the document checker		Bilfinger	0

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Number 2157	System R118 - Media Preparation T	Author ankR25000ba Carbone	Description Some corrections have been raised on the datasheets (refer Set of datasheets FAT Protocol attachment 40 to test 4.1.1)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2158	R118 - Media Preparation T	ank F25000 ba Carbone	PED documentation check has not been executed by the welding inspector during FAT	□Ramona Carbone	Bilfinger	0
2159	R118 - Media Preparation T	ank R25000 ba Carbone	Welding Inspector specific VTOD chapter documentation check has not been executed during FAT	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2160	R118 - Media Preparation T	ank R25000 ba Carbone	New measurement of the resistance between main earth bar and different segments of	□Ramona Carbone	Bilfinger	0
			cable conduits will be needed on site			
2161	R118 - Media Preparation T	ank R25000 ba Carbone	Cabinet 341.2.64/J.001 General_x000D_ Dual Source Cabinet	□Ramona Carbone	Bilfinger	0
2162	R118 - Media Preparation T	ank P25000 ba Carbone	Cabinet 341.2.64/J.003 General_x000D_ Dual Source Cabinet	□Ramona Carbone	Bilfinger	0
2163	R152 - Media Preparation T	ank Raดิดิดิ ดิเล Carbone	Cabinet 341.2.64/J.003 Page 16_x000D_	□Ramona Carbone	Bilfinger	0
			Main Switch Label missing on drawing			

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Number 2164	System R152 - Media Preparation	Author Tank ମ୍ବଈଉଉରା a Carbone	Description Cabinet 341.2.64/J.003 Page 16_x000D_ Wiring diagram has some unlegible dimenssions (Autocal Printing Issue)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2165	R152 - Media Preparation	Tank R่ลังดังดี a Carbone	Cabinet 341.2.64/J.003 Page 17_x000D_ Wiring diagram has some unlegible dimensions (Autocal Printing Issue)	□Ramona Carbone	Bilfinger	0
2166	R152 - Media Preparation	Tank ମିଈଉଉଉା a Carbone	Cabinet 341.2.64/J.003 Page 17_x000D_ Layout of devices is not as per electrical drawing (installed cabinet layout is acceptable, drawing to be updated): _x000D_ Many Terminal strips are missing, _x000D_ Location of devices is not correct, _x000D_ Grounding and Shielding bars are	□Ramona Carbone ,	Bilfinger	0

Number 2167	System R152 - Media Preparation T	Author ankศีสติติติติ Carbone	Description Cabinet 341.2.64/J.003 Page 18_x000D_ Routing does not show lower cablofil	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2168	R152 - Media Preparation T	^r ank ศิลเทดิด โล Carbone	Cabinet 341.2.64/J.003 Page 19_x000D_ Compression Fitting installed at top of cabinet is not shown.	□Ramona Carbone	Bilfinger	0
2169	R152 - Media Preparation T	ank ศิสเทดิด โล Carbone	Cabinet 341.2.64/J.003 Page 20_x000D_ Not all Grounding and Shielding bars are shownx000D_ Earthing and Shielding interconnections are not reflecting the actual wiring.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status	
2170	R152 - Media Preparation	on Tank Rannonia Carbone	Cabinet 341.2.64/J.003 Page 21_x000D_	□Ramona Carbone	Bilfinger	0	
			Not all Grounding and Shielding bars are shownx000D_				
			Earthing and Shielding interconnections are not reflecting the actual wiring.				
2171	R152 - Media Preparation	on Tank Rannon la Carbone	Cabinet 341.2.64/J.003 Page 60_x000D_	□Ramona Carbone	Bilfinger	0	
			Some wire Labels are wrong in diagram				

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Number 2172	System R152 - Media Preparation T	Author 「ank ମଣ୍ଡଉଡୋ a Carbone	Description Cabinet 341.2.64/J.003 Page 80_x000D_ Some wire Labels are wrong in diagram	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2173	R152 - Media Preparation T	୮ank ମଈଉଉଉ la Carbone	Cabinet 341.2.64/J.003 Page 81_x000D_ Some wire Labels are wrong in diagram	□Ramona Carbone	Bilfinger	0
2174	R152 - Media Preparation T	୮ank ମଈଉଉଉ la Carbone	Cabinet 341.2.64/J.003 Page 100_x000D_ ET200 Addressing is wrong	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2175	R152 - Media Preparation Ta	ank Rannon la Carbone	Cabinet 341.2.64/J.003 Page 101_x000D_	□Ramona Carbone	Bilfinger	0
			ET200 Addressing is wrong			
2176	R152 - Media Preparation Ta	ank ମଣ୍ଡୀଉଉପା a Carbone	Cabinet 341.2.64/J.003 Page 126_x000D_ Some labels unlegible on wiring diagram	□Ramona Carbone	Bilfinger	0
2177	R152 - Media Preparation Ta	ank ମଣ୍ଡାଉଉ ଧି Carbone	Cabinet 341.2.64/J.003 Page 260_x000D_	□Ramona Carbone	Bilfinger	0
			Pneumatic Distribution to be update, wrong tags, valves and spare not indicated			

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				PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:59			
	Number	System	Author	Description	Responsible	Supplier	Status
:	2178	R152 - Media Preparation	Tank Ramoni a Carbone	Cabinet 341.2.64/J.003 Page 224_x000D_	□Ramona Carbone	Bilfinger	0
				Pneumatic Distribution to be update, wrong tags, valves and spare not indicated			
:	2179	R152 - Media Preparation	Tank Ranoon la Carbone	Cabinet 341.2.64/J.003 Page 260_x000D_	□Ramona Carbone	Bilfinger	0
				Pneumatic Distribution not reprented as installed and labeled:_x000D_			
				- 260D1 and 260D2 have Eight portsx000D_			
				- Manual Valves not represented_x000D_			

- Spare Ports not represented

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Number	System	Author	Description	Responsible	Supplier	Status
2180	R152 - Media Preparation	Tank Rla0000la Carbone	All components are installed without tag (plastic label) according to NVS standard for	□Ramona Carbone	Bilfinger	0
			tagging			
2181	R152 - Media Preparation	Tank Ranoon la Carbone	Valve V503 missing	□Ramona Carbone	Bilfinger	0
2182	R152 - Media Preparation	Tank Ranoon la Carbone	Some correction have been raised on the P&ID _x000D_	□Ramona Carbone	Bilfinger	0
			(refer P&ID FAT Protocol attachment 35 to test 4.1.1)			

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	PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:59							
Number	System	Author	Description	Responsible	Supplier	Status		
2183	R152 - Media Preparation Ta	ank Rannon la Carbone	PG isometric drawings are stuctured in the way that one drawing is collecting more	□Ramona Carbone	Bilfinger	0		
			than one line number. Each isometric includes all the data mentioned in the P&ID (i.e.					
			line numbers, iso breaks, piping class limits, battery limits, etc.)					
2184	R152 - Media Preparation Ta	ank Rannon la Carbone	The following lines were not installed during the FAT P&ID walkdown (manufature not	□Ramona Carbone	Bilfinger	0		
			possible before installation on site): _x000D_					

-004, -060, -001, -015, -016, -034, -003, -119

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Number	System	Author	Description	Responsible	Supplier	Status
2185	R152 - Media Preparation	Tank Ramonia Carbone	Pump -P2 not installed	□Ramona Carbone	Bilfinger	0
2186	R152 - Media Preparation	Tank Ramonia Carbone	With reference to the lines not installed during the FAT, the P&ID walkdown cannot be	□Ramona Carbone	Bilfinger	0
			considered complete			
2187	R152 - Media Preparation	Tank Ramonia Carbone	Instrument Calibrations / Hart Data:_x000D_	□Ramona Carbone	Bilfinger	0
			All verified vendor calibration certificates (except for flowmeters that certify required			
			measuring range) show only standard manufacturer calibrationx000D_			
			(Example: All Temperature transmitters are calibrated 0 to 150°C where Data Sheet			
			says 0 to 140°C.)			

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Number 2188	System R152 - Media Preparation T	Author ankମ୍ଭ ଶାଉପଦାନ୍ଧ Carbone	Description Material certificate missing for swagelok fittings (elbows, T-pieces) in piping class EG18X40 of isometric 232805	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2189	R152 - Media Preparation T	ank ମିଈଡିଡିଡି la Carbone	EC conformity declaration of the whole system delivered by PG is missing	□Ramona Carbone	Bilfinger	0
2190	R152 - Media Preparation T	ank ศิลติดิดิ la Carbone	Pictures of boroscopic inspection according to PSP008 are missing even the bosroscopic incpection has been correctly performed	□Ramona Carbone	Bilfinger	0

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Number 2191	System R152 - Media Preparation T	Author ankฟิลิติดิติล Carbone	Description Documentation check of Operating file for system R152 has not been performed by the document checker	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2192	R152 - Media Preparation T	ank ศิลเทิดด ์ Carbone	Documentation check of Mechanical Maintenance file for system R152 has not been performed by the document checker	□Ramona Carbone	Bilfinger	0
2193	R152 - Media Preparation T	ank ศิลเทิดเกิ a Carbone	Documentation check of Electrical Maintenance file for system R152 has not been performed by the document checker	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2194	R152 - Media Preparation	Tank Rannon a Carbone	Documentation check according to PG LOD (List of Documentation), contractual VDR	□Ramona Carbone	Bilfinger	0
			and Novartis VTOD chapter for system R152 has not been performed by the document			
			checker			
2195	R152 - Media Preparation	Tank Rannon Carbone	Passivation certificate missing for the following pieces:_x000D_	□Ramona Carbone	Bilfinger	0
			dwg #232802 page 2/6_x000D_			
			dwg #232802 page 3/6_x000D_			
			dwg #232805 page 2/3			

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PRULUGUER	PUNCHLIO	IREPURI	ZUZU-UZ-U:) 14.05.59

Number 2196	System R152 - Media Preparation T	Author ank ମଣ୍ଡାଉଉଡା a Carbone	Description Some corrections have been raised on the datasheets (refer Set of datasheets FAT Protocol attachment 45 to test 4.1.1)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2197	R152 - Media Preparation T	ank ศa⊛⊚ oola Carbone	PED documentation check has not been executed by the welding inspector during FAT (particular attention to be paid for filter housings)	□Ramona Carbone	Bilfinger	0
2198	R152 - Media Preparation T	ank ศิสติดติด โล Carbone	Welding Inspector specific VTOD chapter documentation check has not been executed during FAT	□Ramona Carbone	Bilfinger	0

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Number 2199	System R152 - Media Preparation Ta	Author ankRിമത്തിലെ Carbone	Description New measurement of the resistance between main earth bar and different segments of cable conduits will be needed on site	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2200	R152 - Media Preparation Ta	ank ମ୍ଭ ଉପରଠା a Carbone	Cabinet 341.2.64/J.001 General_x000D_ No Manufactuer Label on the cabinet / CE Marking	□Ramona Carbone	Bilfinger	0
2201	R118 - Media Preparation Ta	ank R256000 ba Carbone	Cabinet 341.2.64/J.003 _x000D_ General No Manufactuer Label on the cabinet / CE Marking	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2202	R152 - Media Preparation	Tank Rannon la Carbone	Conduits Grounding:_x000D_	□Ramona Carbone	Bilfinger	0
			A resistance measurement between main earth bar and different segments of cable	е		
			conduits show up a relative high impedance_x000D_			
			This could be refused by notified body because not in accordance with Low Voltage	е		
			Directive C15-100			
2203	R118 - Media Preparation	TankR25000ba Carbone	Conduits Grounding:_x000D_	□Ramona Carbone	Bilfinger	0
			A resistance measurement between main earth bar and different segments of cable	•		
			conduits show up a relative high impedance_x000D_			
			This could be refused by notified body because not in accordance with Low Voltage	е		
			Directive C15-100			

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Number	System	Author	Description	Responsible	Supplier	Status
2204	R152 - Media Preparation Ta	ank Rla0000la Carbone	Studs (goujon) too shorts on some nozzles	□Ramona Carbone	Bilfinger	0
2205	B206 - Buffer Storage Tank	□Ramona Carbone	Load cells not installed, no check done	□Ramona Carbone	Bilfinger	0
2206	B206 - Buffer Storage Tank	□Ramona Carbone	Sprayball on nozzle N39 missing	□Ramona Carbone	Bilfinger	0
2207	B206 - Buffer Storage Tank	□Ramona Carbone	Tolerance on diameter of ingold plugs not checked because final components not	□Ramona Carbone	Bilfinger	0
			installed (sampling, conductivity,)			
2208	B206 - Buffer Storage Tank	□Ramona Carbone	Degree of ingold port not aligned for the nozzle: N79 (spare).	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status		
2209	B206 - Buffer Storage Tank	□Ramona Carbone	The following components are available but not installed: P101 - L111 - P102 - P103 - Y811.	□Ramona Carbone	Bilfinger	0		
2210	B206 - Buffer Storage Tank	□Ramona Carbone	The following components are not available: W101 - X111 - G811 - X101 - manway sight glass	□Ramona Carbone	Bilfinger	0		
2211	B206 - Buffer Storage Tank	□Ramona Carbone	All tank nozzles, Valves and outlet line are not tagged.	□Ramona Carbone	Bilfinger	0		

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Number 2212	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description weldings information (heat number and certificate number) missing on the isometrics.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2213	B206 - Buffer Storage Tank	□Ramona Carbone	Fitting for the following not available instruments has not been verified: X111 (light glass); X101 (sampling device).	□Ramona Carbone	Bilfinger	0
2214	B206 - Buffer Storage Tank	□Ramona Carbone	Line number on Iso not conformed with line nomber on P&ID: 50-BUFFER-EG16N40-B206-072 instead of 50-BUFFER-EG16N40-B206-056.	□Ramona Carbone	Bilfinger	0

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PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:59							
Number	System	Author	Description	Responsible	Supplier	Status	
2215	B206 - Buffer Storage Tank	□Ramona Carbone	Welds indication on isomentric not correct for the following iso: _x000D_	□Ramona Carbone	Bilfinger	0	
			PC/D B206-3; _x000D_				
			PC/D B206-4; _x000D_				
			PC/D B206-5.				
2216	B206 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-10 MANWAY rev 1.2: wrong model type indicated on the	e □Ramona Carbone	Bilfinger	0	
			datasheet (number of lid clamps wrong: 8 instead of 6 indicated on datasheet)				

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Number 2217	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description Datasheet P16-0052-SP-65 BURST DISK Y811 rev 1.2: name of supplier and model to be correct.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2218	B206 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-61 LEVEL SWITCH L111 rev 1.1: tag reference not complete; wrong tag number.	□Ramona Carbone	Bilfinger	0
2219	B206 - Buffer Storage Tank	□Ramona Carbone	Datasheet P16-0052-SP-90 TEMPERATURE INDICATOR T101 1.1: wrong transmitter model indicated on the label, but type of transmitter ok.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2220	B206 - Buffer Storage Tank	□Ramona Carbone	Test Log: sprayball not tagged.	□Ramona Carbone	Bilfinger	0
2221	B206 - Buffer Storage Tank	□Ramona Carbone	the following Instrument are not tagged: _x000D_	□Ramona Carbone	Bilfinger	0
			P101, P102, L111, Y811, X111, X101, G811.			
2222	B206 - Buffer Storage Tank	□Ramona Carbone	for the following ISO not all welds have been done: _x000D_	□Ramona Carbone	Bilfinger	0
			PC/D B206-3; _x000D_			
			PC/D B206-4; _x000D_			
			PC/D B206-5			

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Number	System	Author	Description	Responsible	Supplier	Status
2223	B206 - Buffer Storage Tank	□Ramona Carbone	Vessel drawing is not in 'As built' revision	□Ramona Carbone	Bilfinger	0
2224	B206 - Buffer Storage Tank	□Ramona Carbone	Calculation Note - Design temp. = 10/160°C instead of 0/160°C_x000D_	□Ramona Carbone	Bilfinger	0
			PED 97/23/CE instead of 2014/68/CE_x000D_			
			This point is not blocking the MC. It's conditionally accepted by the management/ C&C)		
			team.			
2225	B206 - Buffer Storage Tank	□Ramona Carbone	Insulation documents are not available	□Ramona Carbone	Bilfinger	0
2225	B206 - Buffer Storage Tank	□Ramona Carbone	team.		Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2226	B206 - Buffer Storage Tank	□Ramona Carbone	Item #N56 and N57 are missing	□Ramona Carbone	Bilfinger	0
2227	B206 - Buffer Storage Tank	□Ramona Carbone	Material certificate of gaskets are missing: related to the manhole gasket only.	□Ramona Carbone	Bilfinger	0
2228	B206 - Buffer Storage Tank	□Ramona Carbone	Spray ball and diptubes documents are missing	□Ramona Carbone	Bilfinger	0
2229	B206 - Buffer Storage Tank	□Ramona Carbone	Welds 151 to 154 and 309 to 312 doesn't appear on the Welding Map	□Ramona Carbone	Bilfinger	0
2230	B206 - Buffer Storage Tank	□Ramona Carbone	Welds 406 - Welder, Ht Nb and date are missing.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2231	B206 - Buffer Storage Tank	□Ramona Carbone	Accessory welding documents are missing	□Ramona Carbone	Bilfinger	0
2232	B206 - Buffer Storage Tank	□Ramona Carbone	Flushing / drying procedure and certificates are missing	□Ramona Carbone	Bilfinger	0
2233	B206 - Buffer Storage Tank	□Ramona Carbone	Notified Body's attestation is missingx000D_	□Ramona Carbone	Bilfinger	0
			This Item is not blocking for the MC; it will be conditionally accepted by the			
			Commissioning team.			
2234	B206 - Buffer Storage Tank	□Ramona Carbone	Notified Body's design examination is missing_x000D_	□Ramona Carbone	Bilfinger	0
			This point is not blocking the MC. It's conditionally accepted by the management/ C&Q			
			team.			

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Number	System	Author	Description	Responsible	Supplier	Status
2235	B206 - Buffer Storage Tank	□Ramona Carbone	Maintenance log is missing	□Ramona Carbone	Bilfinger	0
2236	B206 - Buffer Storage Tank	□Ramona Carbone	Diptube not dimensionally checked.	□Ramona Carbone	Bilfinger	0
2237	B206 - Buffer Storage Tank	□Ramona Carbone	Test drainability not performed according to the family approach agreed (test performed on B217)	□Ramona Carbone	Bilfinger	0
2238	B206 - Buffer Storage Tank	□Ramona Carbone	Level strapping not performed according to the family approach agreed (test performed on B217)	□Ramona Carbone	Bilfinger	0

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PROLOGGER	PUNCHLIST	RFPORT 2020	-02-05 14:05:59

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Number	System	Author	Description	Responsible	Supplier	Status					
2239	B206 - Buffer Storage Tank	□Ramona Carbone	Sprayball coverage test not performed according to the family approach agreed (test performed on B217)	□Ramona Carbone	Bilfinger	0					
2240	B206 - Buffer Storage Tank	□Ramona Carbone	The sightglass installed on the manway had wrong size (too small): it has been changed according to the tank construction drawing and re-installed.	□Ramona Carbone	Bilfinger	0					
2241	B206 - Buffer Storage Tank	□Ramona Carbone	Leak pressure test not performed	□Ramona Carbone	Bilfinger	0					
					F	Page 469/535					

Number 2242	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description Tank not completely clean after electropolishing and passivation (issues during sprayball coverage test performed on B217).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2243	B206 - Buffer Storage Tank	□Ramona Carbone	n° 05, 16: hardware devices description in the wiring diagrams hardware list does not match with the installed hardware	□Ramona Carbone	Bilfinger	0
2244	B206 - Buffer Storage Tank	□Ramona Carbone	n° 06: missing or wrong cable labels on the terminals inside control cabinet.	□Ramona Carbone	Bilfinger	0

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Number 2245	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description n° 08, 14: some labels in the control cabinet are not correct (wrong description/wrong colors).	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2246	B206 - Buffer Storage Tank	□Ramona Carbone	n° 01: hardware documentation of electrical components of the cabinet is missing	□Ramona Carbone	Bilfinger	0
2247 2248	B206 - Buffer Storage Tank B206 - Buffer Storage Tank		n° 02: cabinet manufacturer's self-check sheet is missing n° 03: cabinet CE certificate is missing	□Ramona Carbone	Bilfinger Bilfinger	0

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Number 2249	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description n° 01: MCB after redundant 24V supply module shall be different type and not Schneider (rate is not correct)	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2250	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: vent device with filter is to be installed on the cabinet to prevent overpressure in case of air leak on pneumatic circuit inside the cabinet	□Ramona Carbone	Bilfinger	0
2251	B206 - Buffer Storage Tank	□Ramona Carbone	n° 05: earthing of the skid: wiring of the earthing cable/cords on the skid is completely missing	□Ramona Carbone	Bilfinger	0

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Number 2252	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description n° 11: some cabling on instrument have been bent too much, this will damage the cable in a short time	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2253	B206 - Buffer Storage Tank	□Ramona Carbone	n° 08: PROFIBUS cable numbering is not as per Novartis procedure	□Ramona Carbone	Bilfinger	0
2254	B206 - Buffer Storage Tank	□Ramona Carbone	n° 10, 14: cable colors for 24V: brown is + white isx000D_ as per colour code: some cables on wiring diagram are inverted	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2255	B206 - Buffer Storage Tank	□Ramona Carbone	n° 01: instrument list not available; the test has been executed with the P&lds as a	□Ramona Carbone	Bilfinger	0
			reference document			
2256	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: instruments missing: bursting disk	□Ramona Carbone	Bilfinger	0
2257	B206 - Buffer Storage Tank	□Ramona Carbone	$\ensuremath{\text{n}^{\circ}}$ 02: TT101 (tank bottom temp): the wrong instruments type is installed (TR15 non	□Ramona Carbone	Bilfinger	0
			aseptic instead of TM411 aseptic)			

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Number 2258	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description instrument configuration sheets are not available; the test cannot be executed	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2259	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V002 not on the skid (loose valves will be installed at site)	□Ramona Carbone	Bilfinger	0
2260	B206 - Buffer Storage Tank	□Ramona Carbone	n° 14: some wires are missing (field device not wired - V001, V002, V922, V930, V963, V992, air supply - earth wire missing on XRINT.02)	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2261	B206 - Buffer Storage Tank	□Ramona Carbone	$\ensuremath{n^\circ}$ 14: load cells are not installed under the tank, the wires are not layed down to the	□Ramona Carbone	Bilfinger	0
			cabinet, the cable ways are not present on the skid			
2262	B206 - Buffer Storage Tank	□Ramona Carbone	n° 06. wrong colour of terminal indicated on wiring diagram	□Ramona Carbone	Bilfinger	0
2263	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital input loop check failure:_x000D_	□Ramona Carbone	Bilfinger	0
			GSH-811 runture disk: disk not installed			

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PROLOGGER	PUNCHI IST	REPORT	2020-02-05	14.05.59
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Number	System	Author	Description	Responsible	Supplier	Status
2264	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_	□Ramona Carbone	Bilfinger	0
			V954, V961, V003, V004 valves not installed			
2265	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V401, not possible to command it	□Ramona Carbone	Bilfinger	0
2266	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_	□Ramona Carbone	Bilfinger	0
	2264	2264 B206 - Buffer Storage Tank 2265 B206 - Buffer Storage Tank	2264 B206 - Buffer Storage Tank □Ramona Carbone 2265 B206 - Buffer Storage Tank □Ramona Carbone	B206 - Buffer Storage Tank Ramona Carbone n° 02: digital output (on/off valves) loop check failure:_x000D_ V954, V961, V003, V004 valves not installed 2265 B206 - Buffer Storage Tank Ramona Carbone n° 02: digital output (on/off valves) loop check failure:_x000D_ V401, not possible to command it	B206 - Buffer Storage Tank Ramona Carbone n° 02: digital output (on/off valves) loop check failure:_x000D_ Ramona Carbone Page Tank Ramona Carbone n° 02: digital output (on/off valves) loop check failure:_x000D_ Ramona Carbone Page Tank Ramona Carbone n° 02: digital output (on/off valves) loop check failure:_x000D_ Ramona Carbone B206 - Buffer Storage Tank Ramona Carbone n° 02: digital output (on/off valves) loop check failure:_x000D_ Ramona Carbone	B206 - Buffer Storage Tank Ramona Carbone n° 02: digital output (on/off valves) loop check failure:_x000D_ Ramona Carbone Bilfinger V954, V961, V003, V004 valves not installed Date of the storage Tank Ramona Carbone n° 02: digital output (on/off valves) loop check failure:_x000D_ Ramona Carbone Bilfinger V401, not possible to command it Date of the storage Tank Ramona Carbone n° 02: digital output (on/off valves) loop check failure:_x000D_ Ramona Carbone Bilfinger V401, not possible to command it

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Number 2267	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description n° 02: digital output (on/off valves) loop check failure:_x000D_ V502, wrong connction on FESTO block	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2268	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: digital output (on/off valves) loop check failure:_x000D_ V001, V922, V930, V963, V992 are loose valves	□Ramona Carbone	Bilfinger	0
2269	B206 - Buffer Storage Tank	□Ramona Carbone	n° 03: analogue input loop check failure:_x000D_ TT982, TT980: RM042 transducer in the cabinet not configured	□Ramona Carbone	Bilfinger	0

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Number 2270	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description n° 04: analogue output (control valve) loop check failure:_x000D_ R701: valve actuator seems not properly configured	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2271	B206 - Buffer Storage Tank	□Ramona Carbone	n° 03: analogue input loop check failure:_x000D_ W101: weighing cells not installed and not wired	□Ramona Carbone	Bilfinger	0
2272	B206 - Buffer Storage Tank	□Ramona Carbone	cabinet is not clean, lot of construction material is around	□Ramona Carbone	Bilfinger	0

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Number 2273	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description n° 02: missing information on the CE label: max lcc that the cabinet car sustainx000D_ A second label with the client data is missing	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2274	B206 - Buffer Storage Tank	□Ramona Carbone	n° 09: poor fixing of part of the piping/cable trays supports on the top of the buffer storage tanks	r □Ramona Carbone	Bilfinger	0

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Number 2275	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description n° 11: due to the works in progress it is not possible to check cable trays completness, clashes and interference, holes and openings	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2276	B206 - Buffer Storage Tank	□Ramona Carbone	n° 12: some rilsan pipes are touching CIP pipes - near valve V952_x000D_ T980 cable is touching the steam pipe.	□Ramona Carbone	Bilfinger	0
2277	B206 - Buffer Storage Tank	□Ramona Carbone	this test refers to the check of the calibration of instruments, it is not foreseen during FAT	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2278	B206 - Buffer Storage Tank	□Ramona Carbone	n° 02: the profibus address of Festo block is wrong	□Ramona Carbone	Bilfinger	0
2279	B206 - Buffer Storage Tank	□Ramona Carbone	LOTO valves not installed	□Ramona Carbone	Bilfinger	0
2280	B206 - Buffer Storage Tank	□Ramona Carbone	To perform passivation, the mechanical interlock on the Festo Clusters is removed to	□Ramona Carbone	Bilfinger	0
			operate the valves.			
2281	B206 - Buffer Storage Tank	□Ramona Carbone	All lines are identified with a temporary label; some of the components are identified	□Ramona Carbone	Bilfinger	0
			with temporary label; Few components are not identified.			

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		•				
Number	System	Author	Description	Responsible	Supplier	Status
2282	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-BUFFER-EG16N40-B204-O65 folio 1 of 2: tag of valves V005 and V952 $$	□Ramona Carbone	Bilfinger	0
			swapped.			
0000	DOOG Doffee Okasses Tarak	- Davis and Oasth and	JOO 50 DOOL FOLIOUS DOOL OOD Doort diele oot installed to social ook demand	Develop Oodbara	Difference	0
2283	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-RGS1-EG16C40-B204-O68: Burst disk not installed to avoid any damage. G811 instrument not installed.	□Ramona Carbone	Bilfinger	0
			GOTT Institution installed.			
2284	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 15-G/N2P-EG18X40-B204-O63: Line not installed.	□Ramona Carbone	Bilfinger	0
					-	Dogo 492/525
					r	Page 483/535

Number 2285	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description ISO 40-ERFR-EG16C40-B204-O78: Missing connetion between Hose and tank.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2286 2287	B206 - Buffer Storage Tank B206 - Buffer Storage Tank		Line 50-CIP-EG16N40-B204-O89: missing a flange on the P&ID. Line 20-AR-EG16C40-B204-407: Line not installed and ISO missing.	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
2288	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 15-G/N2P- G18X40-B204-063: Line number on the Battery Limit missing.	□Ramona Carbone	Bilfinger	0

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Number 2289	System B206 - Buffer Storage Tank		Description ISO 20-RG1-EG16C40-B204-064: Line number on the Battery Limit missing; isometric continuity to RG3-PID1 wrong.	Responsible Ramona Carbone		Status 0
2290	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-BUFFER-EG16N40-B204-065 folio 2 of 2: continuity not accordig to P&ID.	□Ramona Carbone	Bilfinger	0
2291	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 40-ACP-EG16N43-B204-067: Line number on the Battery Limit missing.	□Ramona Carbone	Bilfinger	0

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Number 2292	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description ISO 50-RGS1-EG16C40-B204-068: Line number on the Battery Limit missing.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2293	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 15-ECR-EG16C40-B204-069: continuity not according to P&ID.	□Ramona Carbone	Bilfinger	0
2294	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-BUFFER-EG16N40-B204-072: continuity not according to P&ID.	□Ramona Carbone	Bilfinger	0
2295	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIPR-EG16N43-B204-073 folio 2 of 2: Line number on the Battery Limit missing.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2296	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIPR-EG16N43-B204-073 folio 2 of 2: wrong indication in the ISO table for the column QUANTITY	□Ramona Carbone	Bilfinger	0
2297	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 40-ERF-EG16C40-B204-077: Line number on the Battery Limit missing.	□Ramona Carbone	Bilfinger	0
2298	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 40-ERFR-EG16C40-B204-078: Wrong nozzle indication.	□Ramona Carbone	Bilfinger	0
2299	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIP-EG16N40-B204-089: continuity not accordig to P&ID.	□Ramona Carbone	Bilfinger	0

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Number 2300	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description Isometrics not conform to the P&ID: some lines indicated with different numbers.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2301	B206 - Buffer Storage Tank	□Ramona Carbone	Reference on equipment list for Manual Ball Valve Mecainox cannot be verified on istalled valve.	□Ramona Carbone	Bilfinger	0
2302	B206 - Buffer Storage Tank	□Ramona Carbone	50-BUFFER-EG16N40-B204-065 folio 1 of 2: heat number missing.	□Ramona Carbone	Bilfinger	0

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Number 2303	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description On the Equipment List line numbers not compliant with P&ID and few datasheet revision not compliant with the datasheets.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2304	B206 - Buffer Storage Tank	□Ramona Carbone	Weld numbers for the welds done directly on the skid (between two different isos) missing on the ISO.	□Ramona Carbone	Bilfinger	0
2305	B206 - Buffer Storage Tank	□Ramona Carbone	40-ACP-EG16N40-B204-066 folio 1 of 2; reference on the equipment list for valve valve not possible to verify.	□Ramona Carbone	Bilfinger	0

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Number 2306	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description 40-ACP-EG16N40-B204-066 folio 2 of 2: wrong tag for filter in the equipment list.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2307	B206 - Buffer Storage Tank	□Ramona Carbone	40-ACP-EG16N43-B204-067: missing heat number.	□Ramona Carbone	Bilfinger	0
2308	B206 - Buffer Storage Tank	□Ramona Carbone	40-CIP-EG16N40-B204-071: wrong heat number.	□Ramona Carbone	Bilfinger	0
2309	B206 - Buffer Storage Tank	□Ramona Carbone	50-BUFFER-EG16N40-B204-072 folio 1 of 3; reference on the equipment list for	□Ramona Carbone	Bilfinger	0
			bottom valve not possible to verify.			

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Number 2310	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description 50-BUFFER-EG16N40-B204-072 folio 1 of 3: few heat numbers missing on isometric.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2311	B206 - Buffer Storage Tank	□Ramona Carbone	50-BUFFER-EG16N40-B204-072 folio 3 of 3: wrong heat number and one missing.	□Ramona Carbone	Bilfinger	0
2312	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-CIPR-EG16N43-B204-073 folio 2 of 2: line not completely installed.	□Ramona Carbone	Bilfinger	0
2313	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 15-ERF-EG1C40-B204-074: isometric not complete.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2314	B206 - Buffer Storage Tank	□Ramona Carbone	risk assessment not available	□Ramona Carbone	Bilfinger	0
2315	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 40-CIP-EG16N40-B204-071 to be updated with the new flange added for handling	□Ramona Carbone	Bilfinger	0
			reason.			
2316	B206 - Buffer Storage Tank	□Ramona Carbone	P&ID to be updated adding the new flange on line 40-CIP-EG16N40-B204-071 (for	□Ramona Carbone	Bilfinger	0
			handling reason).			

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Number	System	Author	Description	Responsible	Supplier	Status
2317	B206 - Buffer Storage Tank	□Ramona Carbone	Welder qualification test certificate report YAL is missing.	□Ramona Carbone	Bilfinger	0
2318	B206 - Buffer Storage Tank	□Ramona Carbone	Item #H505, SG012, V806, V922, V930, V962, V963, V992, X101 and X811	: □Ramona Carbone	Bilfinger	0
			Certificate numbers missing hence unable to view VTOD.			
2319	B206 - Buffer Storage Tank	□Ramona Carbone	Item # X101 : Material certificate 3.1 is not identified on equipment list	□Ramona Carbone	Bilfinger	0
2320	B206 - Buffer Storage Tank	□Ramona Carbone	Item #XP102, P103, P500, X501 and X922 : Error on the equipment list. Materia	I □Ramona Carbone	Bilfinger	0
			Certificate 2.1 is not available.			

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Number 2321	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description Item #X922 : FDA certificate not identified on equipment list	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2322	B206 - Buffer Storage Tank	□Ramona Carbone	Item #H920, H922, H923, V401, V503, X501 and X922 : BSE certificate missing on equipment list	□Ramona Carbone	Bilfinger	0
2323	B206 - Buffer Storage Tank	□Ramona Carbone	Item #V401, V503, X922, X071 and X072 : Roughness certificate not identified on equipment list	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2324	B206 - Buffer Storage Tank	□Ramona Carbone	Item #V401, V503, X501 and X922 : EP certificate not identified on equipment list	□Ramona Carbone	Bilfinger	0
2325	B206 - Buffer Storage Tank	□Ramona Carbone	Item #H922, H923, X922 and Y811 : Heat number not identified on equipment list	□Ramona Carbone	Bilfinger	0
2326	B206 - Buffer Storage Tank	□Ramona Carbone	Item #P102, P103, P500, V034, V401, V941, X501 and X504 : Heat number incorrect on equipment list	□Ramona Carbone	Bilfinger	0

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Number 2327	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description Technical documentation (manuals, operating instructions) missing for the equipments and instruments	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2328	B206 - Buffer Storage Tank	□Ramona Carbone	Isometrics for Line 40-VP2-EG16N44-B204-094, 8-VP2-EG16N44-B204-103 and 50-CIP-EG16N40-B204-189 are missing.	□Ramona Carbone	Bilfinger	0
2329	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50-BUFFER-EG16N40-B204-065 Folio 2, Welds #8, 9, 10, 11; ISO 15-ACP-EG16N43-046 Folio 1, Welds #1, 2, 3: no access to conduct visual and video borescope checks		Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2330	B206 - Buffer Storage Tank	□Ramona Carbone	Test TS01.2.12 - Welding information missing from welding book for various welds on	□Ramona Carbone	Bilfinger	0
			the following lines:_x000D_			
			weld #5 on ISO 10-ACP-EG16N40-B204-066 Folio 1/1_x000D_			
			welds #1, 2, 3 and 4 on ISO 8-CIP-EG16N40-B204-071 Folio 1/1			
2331	B206 - Buffer Storage Tank	□Ramona Carbone	ISO 50 BUFFER-EG16N40-B204-072 Folio 1, Welds #1, 2, 3, 4: Video borescope	□Ramona Carbone	Bilfinger	0
			missing			

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Number 2332	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description Test TS01.2.12 - Weld executed on construction site for the following isometric;_x000D_ weld #5 and 6 on ISO 50-CIPR-EG16N43-B204-073 Folio 2/2_x000D_	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2333	B206 - Buffer Storage Tank	□Ramona Carbone	weld #300 on ISO 50-CIP-EG16N40-B204-070 Folio 1/1 BSE/TSE free certificate and FDA (or USP) certificate missing for all the gaskets installed on pipes.	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2334	B206 - Buffer Storage Tank	□Ramona Carbone	test not completely performed, gasket material not checked.	□Ramona Carbone	Bilfinger	0
2335	B206 - Buffer Storage Tank	□Ramona Carbone	some heat numers missing on the isometric nomenclature document.	□Ramona Carbone	Bilfinger	0
2336	B206 - Buffer Storage Tank	□Ramona Carbone	Test TS01.2.12 - on the weld log RTU-PR-S-121, the column C/NC (checked/non	□Ramona Carbone	Bilfinger	0
			checked) is not ticked on the following isometrics:_x000D_			
			50-BUFFER-EG16N40-B204-065 Folio 1/2_x000D_			
			50-BUFFER-EG16N40-B204-065 Folio 2/2_x000D_			
			10-ACP-EG16N40-B204-066 Folio 1/1_x000D_			
			40-ACP-EG16N40-B204-066 Folio 2/2_x000D_			
			40-ACP-EG16N43-B204-067 Folio 1/1_x000D_			
			50-CIPR-EG16N43-B204-070 Folio 1/1_x000D_			
			40-CIP-EG16N40-B204-071 Folio 1/1_x000D_			
			50-CIPR-EG16N43-B204-073 Folio 1/2_x000D_			
			50-CIPR-EG16N43-B204-073 Folio 2/2_x000D_			
			50-CIP-EG16N40-B204-089 Folio 1/1_x000D_			
			40-ACP-EG16N40-B204-127 Folio 1/1			

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Number 2337	System B206 - Buffer Storage Tank	Author Ramona Carbone	Description Line 40-CIP-EG16N40-B204-071: second flange to be added for maintenance of the flange already installed below valve V931.	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2338	B206 - Buffer Storage Tank	□Ramona Carbone	Safety clamp not installed on the top of the filter F1 (manometer nozzle).	□Ramona Carbone	Bilfinger	0
2339	B206 - Buffer Storage Tank	□Ramona Carbone	Pressure test on lines performed according to fluid list pressure values, but documentation missing.	□Ramona Carbone	Bilfinger	0

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Number 2340	System B206 - Buffer Storage Tank	Author □Ramona Carbone	Description Test TS01.2.03 - For the ISOs showing the battery limits, counter flange is not represented. BLF to update the ISOs showing the coulter flange and the relevant heat number. No weld indication must be represented (already represents in the piping contractor Isometrics).	Supplier Bilfinger	Status 0
2341 2342	B205 - Buffer Storage Tank B205 - Buffer Storage Tank		As per WIN005 check completion of Passivation Test TS01.2.03 - For the ISOs showing the battery limits, counter flange is not represented. BLF to update the ISOs showing the coulter flange and the relevant heat number. No weld indication must be represented (already represents in the piping contracto	Bilfinger Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2343	B206 - Buffer Storage Tank	□Ramona Carbone	As per WIN005 check completion of Passivation	□Ramona Carbone	Bilfinger	0
2344	B206 - Buffer Storage Tank	□Ramona Carbone	Some components are not passivated by PG.	□Ramona Carbone	Bilfinger	0
2345	R118 - Media Preparation Ta	ank P25000 ba Carbone	Passivation certificates check cannot be completed because piping installation is not	□Ramona Carbone	Bilfinger	0
			completed aouside of the skids			
2346	R118 - Media Preparation Ta	ank P25000 ba Carbone	Some components are not passivated by PG.	□Ramona Carbone	Bilfinger	0
2347	R152 - Media Preparation Ta	ank Ra0000la Carbone	Passivation certificates check cannot be completed because piping installation is not	□Ramona Carbone	Bilfinger	0
			completed aouside of the skids			

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Number	System	Author	Description	Responsible	Supplier	Status
2348	R152 - Media Preparation T	ank Rannon la Carbone	TSE/BSE Cetrificate for the whole centrifuge system to be provided by GEA Westfalia	□Ramona Carbone	Bilfinger	0
			is missing			
2349	F483 - Centrifuge	□Ramona Carbone	Heat gain calculation for power MCC cabinet is missing	□Ramona Carbone	Bilfinger	0
2350	F483 - Centrifuge	□Ramona Carbone	New WFI pressure reducer X910 has been installed _x000D_	□Ramona Carbone	Bilfinger	0
			replacing the previous one.			

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Number

2351

System

F483 - Centrifuge

Author

□Ramona Carbone

Description	Responsible	Supplier	Status
Test 7.1.7 foresees to check that PMI analysis has been performed _x000D_	□Ramona Carbone	Bilfinger	0
on materials that are not covered by direct related certificatex000D_			
This is the case for disks. These pieces are fabricated from row material SS 316L $$			
sheets. Raw materials are covered by certificates (not available at the moment), but			
GEA cannot guarantee from which specific raw sheets the disks are fabricated.			
According to test instructions and acceptance criteria, test is passed, also because the $% \left\{ 1,2,,2,\right\}$			
materials are the correct ones (316L / 1.4401-1.4404). This approach is deviating from			
requirement to have each material piece certified specific certificate for traceability			
purposex000D_			
First possibility GEA to provide set of certificates for stock of raw material and			
declaration from GEA that the disks are fabricated from this stockx000D_			
Second possibility can be to exchange the full set of disks with one set singularly laser			
engraved to have direct reference to a certificate: Not to be considered_x000D_			
Third possibility can be to re-perform PMI test 100%x000D_			
Fourth possibility is to accept the percentage of PMI done by \ensuremath{GEA} (one disk checked			
each 10 disks + upper disk + lower disk): Not to be considered			

	PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:59								
Number	System	Author	Description	Responsible	Supplier	Status			
2352	F483 - Centrifuge	□Ramona Carbone	GEA is using lubricants on parts potentially in product contactx000D_	□Ramona Carbone	Bilfinger	0			
			GEA is using grease in parts in product contactx000D_						
			GEA states also that especially greases cannot be avoided for normal functioning of the						
			machine itself.						
2353	F483 - Centrifuge	□Ramona Carbone	Test 7.2.2_x000D_	□Ramona Carbone	Bilfinger	0			
			GA drawing / Piping plan P1451648067-9908-3DM001 to be updated according to	ı					
			comments listed in the FAT protocol attachment 1 to test 7.2.2						

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Number	System	Author	Description	Responsible	Supplier	Status
2354	F483 - Centrifuge	□Ramona Carbone	Test 7.2.3_x000D_ Set of isometric drawings P1451648067-9908-ISO001/015 to be updated according to	□Ramona Carbone	Bilfinger	0
			comments listed in the FAT protocol attachment 2 to test 7.2.2	,		
			comments listed in the FAT protocol attachment 2 to test 7.2.2			
2355	F483 - Centrifuge	□Ramona Carbone	Test 7.2.9_x000D_	□Ramona Carbone	Bilfinger	0
			List of calibration certificates to be updated according to the comments of the	•		
			attachment 1 of test 7.2.9			

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PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:59					
Author	Description	Responsible	Supplier	Status	
□Ramona Carbone	General_x000D_	□Ramona Carbone	Bilfinger	0	
	Product inlet and outlet line to/from the centrifuge skid to be drained after production	on			

□Ramona Carbone

□Ramona Carbone

phase, pause water, water run (SIP?)

UPS related devices labels shall be green background with white letters.

Test 7.3.1_x000D_

Number

2356

2357

System

F483 - Centrifuge

F483 - Centrifuge

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0

Bilfinger

	PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:59							
Number	System	Author	Description	Responsible	Supplier	Status		
2358	F483 - Centrifuge	□Ramona Carbone	Test 7.3.1_x000D_	□Ramona Carbone	Bilfinger	0		
			Electrical wiring diagram to be updated according to comments on rev. F (re-test of				
			FAT test 7.3.1)					
2359	F483 - Centrifuge	□Ramona Carbone	Test 7.4.1 / 7.4.2 / 7.4.3_x000D_	□Ramona Carbone	Bilfinger	0		

FDS to be updated according to comments on rev. B

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Number 2360	System F483 - Centrifuge	Author □Ramona Carbone	Description General / test 7.4.3_x000D_	Responsible □Ramona Carbone	Supplier Bilfinger	Status 0
			With reference to point n° 30, drainability test has been executed: Run 1 and Run 2 (ref. attachment n° 3 and n° 7 of test 7.4.3).	2		
2361	F483 - Centrifuge	□Ramona Carbone	Test 7.4.13_x000D_ Maximum noise level measured at 1m from the machine is 81dBA, against a maximum acceptable value of 75dB (according to URS).	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2362	F483 - Centrifuge	□Ramona Carbone	Test 7.3.10_x000D_	□Ramona Carbone	Bilfinger	0
			According to the acceptance criteria the test is passed, nevertheless attachments #	1		
			and #2 (set-up of parameters) to the test shall be included in the technical	ıl		
			documentation according to VDR (Programmable devices set-up (including VFD))			
2363	F483 - Centrifuge	□Ramona Carbone	Test 7.4.6 / 7.4.7_x000D_	□Ramona Carbone	Bilfinger	0
			Document "Set point access authorization HMI" n° 8187-9058-938 to be updated	b		
			according to comments on the document attached to test 7.4.6			

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PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:59							
Number	System	Author	Description	Responsible	Supplier	Status	
2364	F483 - Centrifuge	□Ramona Carbone	Test 7.4.8 / 7.4.10_x000D_	□Ramona Carbone	Bilfinger	0	
			Test 7.4.8 "Check of recipe management" and test 7.4.10 "Check of batch report" are				
			not applicable since the two functionalities are not requested for this machine. The two	0			
			tests have not been performed during FAT (neither during PRE-FAT by GEA)				

Documentation check according to agreed Index of documentation has negative results

Test 7.4.18_x000D_

because documents are missing

F483 - Centrifuge

2365

□Ramona Carbone

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0

Bilfinger

□Ramona Carbone

Number	System	Author	Description	Responsible	Supplier	Status
2366	F483 - Centrifuge	□Ramona Carbone	Test 7.4.18_x000D_	□Ramona Carbone	Bilfinger	0
			Agreed index of documentation to be updated according to comments of attachment 1	1		
			to test 7.4.18			
2367	F483 - Centrifuge	□Ramona Carbone	Test 7.4.18_x000D_	□Ramona Carbone	Bilfinger	0
			Documentation check according to contractual VDR has negative results because	е		
			documents are missing			

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	PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:59			
Author	Description	Responsible	Supplier	Status
□Ramona Carbone	Test 7.4.18_x000D_	□Ramona Carbone	Bilfinger	0
	According to contractual VDR CE marking Declaration is needed. This certificate	is		
	missing for all components (mechanical / instruments / electrical).			

According to VDR, after positioning and installation (by others), machine correct

□Ramona Carbone

□Ramona Carbone

Test 7.4.18_x000D_

installation certificate is required by GEA

Number

2368

2369

System

F483 - Centrifuge

F483 - Centrifuge

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0

Bilfinger

			PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:59			
Number	System	Author	Description	Responsible	Supplier	Status
2370	F483 - Centrifuge	□Ramona Carbone	Test 7.4.18_x000D_	□Ramona Carbone	Bilfinger	0
			According to VDR the following procedures are missing:_x000D_			
			- Finishing and painting procedure specification_x000D_			
			- Grounding test procedure_x000D_			
			- Hydrostatic & Pneumatic test procedure _x000D_			
			- Cleaning & flushing procedure_x000D_			
			- Equipment passivation procedure_x000D_			
			- Mechanical polishing procedure specification_x000D_			

- NDT Procedure

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Number	System	Author	Description	Responsible	Supplier	Status
2371	F483 - Centrifuge	□Ramona Carbone	Test 7.4.3_x000D_	□Ramona Carbone	Bilfinger	0
			The software foresees that some signals / alarms are part of the "Common fault". When			
			Common fault occurs, the Centrifuge activates the step "shut down" that is part of the			
			program "Normal Slowdown". The normal shutdown doesn't power off the VFD, but the			
			VFD is commanded to generate a negative ramp in order to slowdown the motor			
			quicklyx000D_			
			In case the emergency push button is activated, the Centrifuge activates the step "shut			
			down" that is part of the program "Slowdown for e-stop". Slow down for e-stop powers			
			off the VFD and this means that the motor is in inertial free rotation, and it stops rotating			
			after a certain time.			

Number 2372	System F483 - Centrifuge	Author □Ramona Carbone	Description Test 7.4.5 (Check of Data Interface) Document Data Exchange List rev. D to be updated	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2373	F483 - Centrifuge	□Ramona Carbone	Test 7.1.8_x000D_ With reference to att. 2 to tests 7.1.8 page 34 of 110 (drawing n° 3438-4323-019) a weld seam indication is missing.	□Ramona Carbone	Bilfinger	0

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PROLOGGER PUNCHLIST REPORT 2020-02-05 14:05:59						
Number	System	Author	Description	Responsible	Supplier	Status
2374	F483 - Centrifuge	□Ramona Carbone	Test 7.1.8_x000D_	□Ramona Carbone	Bilfinger	0
			With reference to att. 2 to tests 7.1.8 page 37 of 110 (drawing n° 3438-4323-022)			
			identification of manual weld instead of the orbital to be indicated			
2375	F483 - Centrifuge	□Ramona Carbone	Test 7.1.9_x000D_	□Ramona Carbone	Bilfinger	0
			Certificate of re-electropolishing of the hood after reworking of CIP inlet lines			

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Number 2376	System F483 - Centrifuge	Author □Ramona Carbone	Description Back-up of the software before internal tests and FAT _x000D_ starting is not formally mentioned by GEA	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2377	F483 - Centrifuge	□Ramona Carbone	Cold water Loopo, pressure test to be completed	□Ramona Carbone	Bilfinger	0
2378	EPI3-D(Fr) - Eau Pour Injec	ction Raroid)a Carbone	BWT Tag numbers only no PO raised yet for Tags	□Ramona Carbone	Bilfinger	0
2379	EPI3-G&S - EPI Generation	n &⊑ Starage a Carbone	BWT Tag numbers only no PO raised yet for Tags	□Ramona Carbone	Bilfinger	0
2380	EPI3-G&S - EPI Generation	n & Starage a Carbone	BWT Tag numbers only no PO raised yet for Tags	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2381	EPI3-D(Fr) - Eau Pour Injec	ction Raroid)a Carbone	BWT Tag numbers only no PO raised yet for Tags	□Ramona Carbone	Bilfinger	0
2384	EPI3-G&S - EPI Generation	n &⊑ SRarage a Carbone	BWT P&IDs marked up at FAT.	□Ramona Carbone	Bilfinger	0
2385	EPI3-G&S - EPI Generation	n &⊑ SRarage a Carbone	BWT P&IDs marked up at FAT.	□Ramona Carbone	Bilfinger	0
2386	EPI3-D(Fr) - Eau Pour Injec	ction Raroid)a Carbone	BWT P&IDs marked up at FAT.	□Ramona Carbone	Bilfinger	0
2389	EPI3-G&S - EPI Generation	n &⊑ Starage a Carbone	BWT component datasheets relined at FAT	□Ramona Carbone	Bilfinger	0
2390	EPI3-G&S - EPI Generation	n &⊑ SRarage a Carbone	BWT component datasheets relined at FAT	□Ramona Carbone	Bilfinger	0
2391	EPI3-D(Fr) - Eau Pour Injec	ction Raroid)a Carbone	BWT component datasheets relined at FAT	□Ramona Carbone	Bilfinger	0

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Number 2394	System EPI3-G&S - EPI Generation	Author & Starage a Carbone	Description Deviations as marked up on P&ID (attachment 1) L61650.23.846A.001 rev4	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2395	EPI3-G&S - EPI Generation	& Starrage a Carbone	Deviations as marked up on P&ID (attachment 1) L61650.23.846A.001 rev4	□Ramona Carbone	Bilfinger	0
2396	EPI3-G&S - EPI Generation	&::Starage a Carbone	Deviations as marked up on P&ID (attachment 1) L61650.23.846A.001 rev4	□Ramona Carbone	Bilfinger	0
2397	EPI3-G&S - EPI Generation	&:Staragea Carbone	Deviations as marked up on P&ID (attachment 1) L61650.23.846A.001 rev4	□Ramona Carbone	Bilfinger	0

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Number 2398	System EPI3-G&S - EPI Generation	Author n &⊡Raragea Carbone	Description Responsible Supplier Deviations as marked up on component lists (see attachment 2 and 22) □Ramona Carbone Bilfinger L61650.LOG.846A rev4 Bilfinger	Status 0
2399	EPI3-G&S - EPI Generation	n &⊑ Starage a Carbone	Deviations as marked up on component list (see attachment 4 and 23) □Ramona Carbone Bilfinger L61650.LOG.846A rev4	0
2400	EPI3-G&S - EPI Generation	n &⊑ Starrage a Carbone	Deviations as marked up on component list (see attachment 5 and 24) □Ramona Carbone Bilfinger L61650.LOG.846A rev4	0

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Number	System	Author	Description	Responsible	Supplier	Status
2401	EPI3-G&S - EPI Generation	n & Starage a Carbone	L61650.846A.001 weld 10. Non conformamnce discolouration on section of HAZ	□Ramona Carbone	Bilfinger	0
2402	EPI3-G&S - EPI Generation	n &⊡ Rarage a Carbone	Red mark on wiring diagram L61650.24.846B.001 rev 4	□Ramona Carbone	Bilfinger	0
2403	EPI3-D(Fr) - Eau Pour Injec	tion Raroid) a Carbone	No electrical Circuit for Green/red lamps on wiring diagram	□Ramona Carbone	Bilfinger	0
2404	EPI3-D(Fr) - Eau Pour Injec	tion Raroid)a Carbone	Close command valve V846B3.3 not configured ninside software	□Ramona Carbone	Bilfinger	0
2405	EPI3-D(Fr) - Eau Pour Injec	tion Raroid)a Carbone	Signal V846B3.4.PID.SP2 offset not communicate with IP21	□Ramona Carbone	Bilfinger	0
2406	EPI3-D(Fr) - Eau Pour Injec	tion Raroid)a Carbone	Valve on HMI wrongly tagged. V846B2.1 should be V561B.2.1 and V846B2.2	□Ramona Carbone	Bilfinger	0
			should be V561A.2.1			

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Number	System	Author	Description	Responsible	Supplier	Status
2407	EPI3-D(Fr) - Eau Pour Injec	ction Raroid) a Carbone	Line test not complete L61650.846B.LT.001 rev 1	□Ramona Carbone	Bilfinger	0
2408	EPI3-D(Fr) - Eau Pour Injec	ction Raroid)a Carbone	Deviations as marked up on P&ID (attachment 1) L61651.23.846B.001 rev5	□Ramona Carbone	Bilfinger	0
2409	EPI3-D(Fr) - Eau Pour Injec	ction Raroid)a Carbone	Deviations as marked up on P&ID (attachment 1) L61651.23.846B.001 rev5	□Ramona Carbone	Bilfinger	0
2410	EPI3-D(Fr) - Eau Pour Injec	ction Raroid)a Carbone	Deviations as marked up on P&ID (attachment 1) L61651.23.846B.001 rev5	□Ramona Carbone	Bilfinger	0

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PROLOGGER	PUNCHLIST	REPORT	2020-02-05	14.05.59
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Number 2411	System EPI3-D(Fr) - Eau Pour Injec	Author ctionRaroid)a Carbone	Description Deviations as marked up on P&ID (attachment 1) L61651.23.846B.001 rev5	Responsible Ramona Carbone	Supplier Bilfinger	Status
2412	EPI3-D(Fr) - Eau Pour Injec	ction Raroid) a Carbone	Deviations as marked up on component lists (see attachment 2 and L61651.LOG.846B rev4	22) □Ramona Carbone	Bilfinger	0
2413	EPI3-D(Fr) - Eau Pour Injec	ction Raroid) a Carbone	Deviations as marked up on component lists (see attachment 5 and L61651.LOG.846B rev4	24) □Ramona Carbone	Bilfinger	0

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PROLOGGER	PUNCHLIST	RFPORT 2020	-02-05 14:05:59

N t 24	umber 14	System EPI3-D(Fr) - Eau Pour Injecti	Author iioniR aroia)a Carbone	Description Deviations as marked up on component lists (see attachment 4 and 23) L61651.LOG.846B rev4	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
24	15	EPI3-D(Fr) - Eau Pour Injecti	tion Raroid)a Carbone	Deviations as marked up on P&ID (attachment 29) T61650.23.561A.001 rev 4	□Ramona Carbone	Bilfinger	0
24	16	EPI3-D(Fr) - Eau Pour Injecti	tion Raroid)a Carbone	Deviations as marked up on P&ID (attachment 30) T61650.23.561B.001 rev 4	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2417	EPI3-D(Fr) - Eau Pour Inject	ion Raroid)a Carbone	Sanitization logic incorrect SQ53 (SANI1) temperature set at 85C with manual start.	□Ramona Carbone	Bilfinger	0
			SQ54 (SANI2) temperature set at 130C with manual start and timer autostartx000D_			
			x000D			
			Closed, transferred to SAT doc no 61650-846B-SAT-Static-001 rev 03 deviation			
			11_x000D_			
			x000D			
			Duncan Patterson 22-Feb-2018			

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Number 2418	System EPI3-D(Fr) - Eau Pour Inject	Author tion Rுanow)a Carbone	Description Missing PW distribution loop valve (NVS tag V010) on M61650.24.438A.001 rev 4	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2419 2420	EPI3-G&S - EPI Generation EPI3-G&S - EPI Generation	3	Red mark comments on wiring digram M61650.24.438A.001 rev 4 Valves (NVS tag nos V931, V930, V250) are not managed in the distiller software(nether HMI or PLC)	□Ramona Carbone □Ramona Carbone	Bilfinger Bilfinger	0
2421	EPI3-G&S - EPI Generation	& Starage a Carbone	Missing line tested to check	□Ramona Carbone	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2422	EPI3-G&S - EPI Generation	& Starage a Carbone	Local/ remote functionality not as per requirement	□Ramona Carbone	Bilfinger	0
2423	EPI3-G&S - EPI Generation	& Starage a Carbone	Deviation as marked up on P&ID M61650.23.438A.001 rev 03	□Ramona Carbone	Bilfinger	0
2424	EPI3-G&S - EPI Generation	& Starage a Carbone	Deviation as marked up on P&ID M61650.23.438A.001 rev 03	□Ramona Carbone	Bilfinger	0
2425	EPI3-G&S - EPI Generation	& Starage a Carbone	Deviations as marked up on component list. M61650.LOC.438A.001 rev 04. See	□Ramona Carbone	Bilfinger	0
			attactments 2 and 22			
2426	EPI3-G&S - EPI Generation	& Starage a Carbone	Deviations as marked up on component list. M61650.LOC.438A.001 rev 04. See	□Ramona Carbone	Bilfinger	0
			attactments 5			

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Number	System	Author	Description	Responsible	Supplier	Status
2427	EPI3-G&S - EPI Generation	& :\$Rarage a Carbone	See Christophe Brand email item 2). Additional Deviation found during functional logic	□Ramona Carbone	Bilfinger	0
			testing 22/Aug/2017_x000D_			

There is no documentation available concerning the MPI exchange table (communication with Passerelle PLC to Delta V). Looking in the CPU_LOPA provided software file it seems this is handled in the DB450. Since there is no documentation provided for this exchange table (Data Exchange List) this table could not be verified during FAT

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Number	System	Author	Description	Responsible	Supplier	Status		
2428	EPI3-G&S - EPI Generation	n & Starage a Carbone	Deviations as marked up on P&ID see attachment 1 and 18_x000D_	□Ramona Carbone	Bilfinger	0		
			L61660.23.845A.001 rev 06_x000D_					
			FAT test 2.3.1, non critical					
2432	R201 - Buffer Preparation T	Tank ମ୍ବୟବଡ଼ିଆ a Carbone	Data exchange list missing_x000D_	□Ramona Carbone	Bilfinger	0		
			FAT test 2.5.2 and 2.5.3_x000D_					
			non-critical					

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Number 2433	System R201 - Buffer Preparation T	Author TankR aঞ্জো a Carbone	Description Deviations as marked up on P&ID see attachment 1 and 18_x000D_ 06166o.23.270A.001 rev 06_x000D_ FAT test 2.3.1. Not critical	Responsible Ramona Carbone	Supplier Bilfinger	Status 0
2434 2435	R201 - Buffer Preparation T R201 - Buffer Preparation T	ű	Diptube and sprayballs missing Nameplate missing	Sean Monaghan Fabiana Cortellini	Bilfinger Bilfinger	0
2436	R201 - Buffer Preparation T	TarFat22000 Cortellini	Agitator and load cells not installed, no check done	Fabiana Cortellini	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2437	R201 - Buffer Preparation Ta	ankD20001LPatterson	Some ingold plugs are damaged	□Duncan Patterson	Bilfinger	0
2438	R201 - Buffer Preparation Ta	ankD 2000 Patterson	Earthing lugs not found	□Duncan Patterson	Bilfinger	0
2439	R201 - Buffer Preparation Ta	ankD 2000ah Patterson	N14 (Manway): damage/scratch on manway gasket, without impact on the pressure	□Duncan Patterson	Bilfinger	0
			tests performed			
2440	R201 - Buffer Preparation Ta	ankD 2000ah Patterson	Nuts of hadhole/sightglass damaged (just visual defect, no effect on functionality and	□Duncan Patterson	Bilfinger	0
			no safety issue).			

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Number	System	Author	Description	Responsible	Supplier	Status
2441	R201 - Buffer Preparation T	ankD12000001LPatterson	Studs (goujon) too shorts on some nozzles	□Duncan Patterson	Bilfinger	0
2442	R201 - Buffer Preparation T	ank Massioh iliano Quadri	Vessel drawing is not in 'As built' revision	□Massimiliano Quadri	Bilfinger	0
2443	R201 - Buffer Preparation T	ankR ancol a Carbone	Manufacturer's name plate is not available in the DOE	□Ramona Carbone	Bilfinger	0
2444	R201 - Buffer Preparation T	ar&et20100dnaghan	Diptube and sprayballs missing	Sean Monaghan	Bilfinger	0
2445	R201 - Buffer Preparation T	ar Fkab2000 1Cortellini	Nameplate missing	Fabiana Cortellini	Bilfinger	0
2446	R201 - Buffer Preparation T	ar Fab2000 1Cortellini	Agitator and load cells not installed, no check done	Fabiana Cortellini	Bilfinger	0
2447	R201 - Buffer Preparation T	ank D12/00000hL Patterson	Some ingold plugs are damaged	□Duncan Patterson	Bilfinger	0

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Number	System	Author	Description	Responsible	Supplier	Status
2448	R201 - Buffer Preparation T	ankD1200001LPatterson	Earthing lugs not found	□Duncan Patterson	Bilfinger	0
2449	R201 - Buffer Preparation T	ankD1200001LPatterson	N14 (Manway): damage/scratch on manway gasket, without impact on the pressure	□Duncan Patterson	Bilfinger	0
			tests performed			
2450	R201 - Buffer Preparation T	ankD1200001LPatterson	Nuts of hadhole/sightglass damaged (just visual defect, no effect on functionality and	□Duncan Patterson	Bilfinger	0
			no safety issue).			

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Number	System	Author	Description	Responsible	Supplier	Status
2451	R201 - Buffer Preparation T	ankD120000nLPatterson	Studs (goujon) too shorts on some nozzles	□Duncan Patterson	Bilfinger	0
2452	R201 - Buffer Preparation T	ank Ma99i0h iliano Quadri	Vessel drawing is not in 'As built' revision	□Massimiliano Quadri	Bilfinger	0
2453	R201 - Buffer Preparation T	ank Rancol a Carbone	Manufacturer's name plate is not available in the DOE	□Ramona Carbone	Bilfinger	0

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