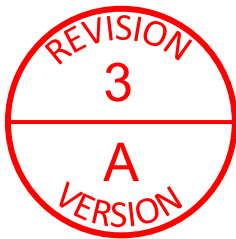




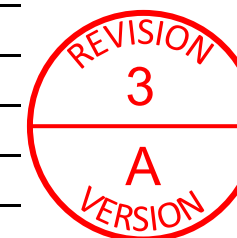







INPUT AND OUTPUT LIST - PCS 7A






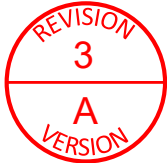
											<div><div><div><div>TESSLER engenharia</div></div><div></div><div><div><div><div>Hemobrás</div><div><small>Empresa Brasileira de Hemoderivados e Biotecnologia</small></div></div></div></div></div></div>							
3	ISSUED FOR CONSTRUCTION CONSIDERING COMMENTS										DOC NR:		569-DB7B-AIC-330-001		CLIENT NR:		PRD-AIC-LIS-001	
2	ISSUED FOR CONSTRUCTION CONSIDERING COMMENTS																	
1	ISSUED FOR CONSTRUCTION CONSIDERING COMMENTS																	
0	ISSUED FOR CONSTRUCTION																	
B	90% DD ISSUE																	
A	30% DD ISSUE																	
REV	DESCRIPTION																	
REVIEW	REV. A	REV. B	REV. 0	REV. 1	REV. 2	REV. 3	REV. 3A	REV. 5	REV. 6	REV. 7	CLIENT:							
DATE	08FEB2021	06OCT2021	09NOV2021	08DEC2021	11FEB2022	18APR2022	25JUL2022				TAKEDA / BAXALTA							
EXEC	MAB	MAB	AG	AG	AG	AG	MAV				PROJECT:					REV.:		
CHECK	MAF	MAF	MAF	MAF	MAF	MAF	MAF				BURITI EPCMV PROJECT					3A		
APPROV	MAJ	RCP	RSP	RSP	RSP	RSP	RSP											





			 		TITLE:  <b>INPUT AND OUTPUT LIST - PCS 7A</b>						DOC NR.: <b>569-DB7B-AIC-330-001</b> CLIENT NR.: <b>PRD-AIC-LIS-001</b>		<div>3 A VERSION</div> <div>SHEET.: 3 de 13 REV.: 3A</div>	
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNET COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
1	3A	AIT-640101	CONDUCTIVITY SENSOR, ANALYSER AND TRANSMITTER ON HOT WFI SUPPLY TO TQ-6401	1	-	-	-	24Vdc	-	7A-Z-0-2-25	7A-I-0-3-10 7A-I-0-3-06	CP-A1043	-	
2	3A	AIT-640102	COND / TEMP/ TOC SENSOR, ANALYSER AND TRANSMITTER ON HOT WFI RETURN TO TQ-6401	-	-	-	-	-	-	-	-	-	4	
3	3A	AIT-640103	COND / TEMP/ TOC SENSOR, ANALYSER AND TRANSMITTER ON HOT WFI RETURN TO TQ-6401	-	-	-	-	-	-	-	-	-	4	
4	3A	AIT-XXXXXX	HARDNESS SENSOR, ANALYSER AND TRANSMITTER ON WATER SOFTENER ON RO-6301 SYSTEM	-	-	-	-	-	-	-	-	-	4	
5	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-	
6	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-	
7	3A	CT-770102	CONDUCTIVITY SENSOR AND TRANSMITTER ON BC-7701-2 DISCHARGE / CIP SYSTEM CIP-7701	-	-	-	-	-	-	7A-Z-0-2-21	-	IP-CIP-7701	2	
8	3A	CT-770102	CONDUCTIVITY SENSOR AND TRANSMITTER ON BC-7701-1 DISCHARGE / CIP SYSTEM CIP-7701	-	-	-	-	-	-	-	-	-	4	
9	3A	FIC-770102	FLOW CONTROL ON BC-7701-1 DISCHARGE / CIP SYSTEM CIP-7701	-	-	-	-	-	-	7A-Z-0-2-21	-	IP-CIP-7701	2	
10	3A	FT-770102	FLOW TRANSMITTER ON BC-7701-1 DISCHARGE / CIP SYSTEM CIP-7701	-	-	-	-	-	-	7A-Z-0-2-21	-	IP-CIP-7701	2	
11	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-	
12	3A	FIC-BC7701-2	FLOW CONTROL ON BC-7701-2 DISCHARGE / CIP SYSTEM CIP-7701	-	-	-	-	-	-	7A-Z-0-2-21	-	IP-CIP-7701	2	
13	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-	
14	3A	FT-640101	FLOW TRANSMITTER OF HOT WFI RETURN TO TQ-6401	-	-	-	-	-	-	-	-	-	4	
15	3A	FT-640102	FLOW TRANSMITTER OF HOT WFI RETURN TO TQ-6401	-	-	-	-	-	-	-	-	-	4	
16	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-	
17	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-	
18	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-	
19	3A	LSL-430001	DRUG PRODUCT - CIP CLEANING CHEMICAL STORAGE (TOTES) & DIST. - LOW LEVEL SW	-	-	1	-	-	-	7A-Z-0-2-20	7A-I-0-3-10 7A-I-0-3-06	CP-A1043	2	
20	3A	HS-640101	VIRTUAL HAND SWITCH ON CP-A1043 - REQUEST FOR WFI	-	-	-	1	-	-	7A-Z-0-2-24	7A-I-0-3-10 7A-I-0-3-06	CP-A1043	-	
21	3A	HS-640102	VIRTUAL HAND SWITCH ON CP-A1043 - REQUEST FOR RO WATER	-	-	1	-	-	-	7A-Z-0-2-24	7A-I-0-3-10 7A-I-0-3-06	CP-A1043	-	
22	3A	LSL-430002	DRUG PRODUCT - CIP CLEANING CHEMICAL STORAGE (TOTES) & DIST. - LOW LEVEL SW	-	-	1	-	-	-	7A-Z-0-2-20	7A-I-0-3-10 7A-I-0-3-06	CP-A1043	2	
23	3A	LSH-770103	HIGH LEVEL SWITCH ON CHEMICAL DAY TANK TQ-7701-3	-	-	-	-	-	-	7A-Z-0-2-21	-	IP-CIP-7701	2	
24	3A	LSHH-770102	HIGH HIGH LEVEL SWITCH ON RINSE/WASH TANK TQ-7701	-	-	-	-	-	-	7A-Z-0-2-21	-	IP-CIP-7701	2	
25	3A	LSL-770103	LOW LEVEL SWITCH ON CHEMICAL DAY TANK TQ-7701-3	-	-	-	-	-	-	7A-Z-0-2-21	-	IP-CIP-7701	2	
26	3A	LT-640101	LEVEL TRANSMITTER ON HOT WFI STORAGE TANK TQ-6401	-	-	-	-	-	-	7A-Z-0-2-25	-	CP-SK-6401	2	
27	3A	LT-770101	LEVEL TRANSMITTER ON RINSE/WASH TANK TQ-7701	-	-	-	-	-	-	7A-Z-0-2-21	-	IP-CIP-7701	2	

					TITLE: <b>INPUT AND OUTPUT LIST - PCS 7A</b>						DOC NR.: <b>569-DB7B-AIC-330-001</b> CLIENT NR.: <b>PRD-AIC-LIS-001</b>		SHEET.: <b>4 de 13</b> REV.: <b>3A</b>
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNET COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
28	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-
29	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-
30	3A	TT-470107	TEMPERATURE SENSOR AND TRANSMITTER CIP/SIP STATION STA-4701 PORTABLE VESSEL OUTLET	1	-	-	-	-	-	7A-Z-0-2-22	7A-I-0-3-10 7A-I-0-3-06	CP-A1043	-
31	3A	PIT-640101	PRESSURE TRANSMITTER ON HOT WFI STORAGE TANK TQ-6401	-	-	-	-	-	-	7A-Z-0-2-25	-	CP-SK-6401	2
32	3A	PSL/H-640101	PRESSURE SWITCH LOW / HIGH ON RUPTURE DISK PSE-640101 OF TANK TQ-6401	-	-	-	-	-	-	7A-Z-0-2-25	-	CP-SK-6401	2
33	3A	PSL/H-770101	PRESSURE SWITCH LOW / HIGH ON RUPTURE DISK PSE-770101 OF TANK TQ-7701	-	-	-	-	-	-	7A-Z-0-2-21	-	IP-CIP-7701	2
34	3A	PSL-430001	DRUG PRODUCT - CIP CLEANING CHEMICAL STORAGE (TOTES) & DIST. - LOW PR. SWITCH	-	-	1	-	-	-	7A-Z-0-2-20	7A-I-0-3-10 7A-I-0-3-06	CP-A1043	-
35	3A	TT-470106	TEMPERATURE SENSOR AND TRANSMITTER CIP/SIP STATION STA-4701 PORTABLE VESSEL OUTLET	1	-	-	-	-	-	7A-Z-0-2-22	7A-I-0-3-10 7A-I-0-3-06	CP-A1043	-
36	3A	SC-AG4701	SPEED CONTROL ON AGITATORS OF PORTABLE VESSELS FROM CIP/SIP STATION STA-4701	-	-	-	-	-	-	7A-Z-0-2-22	-	IP-STA-4701	2
37	3A	SC-BC7701-2	SPEED CONTROL OF CIP RETURN PUMP BC-7701-2	-	-	-	-	-	-	7A-Z-0-2-21	-	IP-CIP-7701	2
38	3A	SC-BC7701-1	SPEED CONTROL OF CIP SUPPLY PUMP BC-7701-1	-	-	-	-	-	-	7A-Z-0-2-21	-	IP-CIP-7701	2
39	3A	TT-470108	TEMPERATURE TRANSMITTER CIP/SIP STATION STA-4701- PORTABLE VESSEL OUTLET	-	-	-	-	-	-	7A-Z-0-2-22	7A-I-0-3-10 7A-I-0-3-06	CP-A1043	-
40	3A	TT-470104	TEMPERATURE SENSOR AND TRANSMITTER CIP/SIP- STATION STA-4701 PORTABLE VESSEL OUTLET	-	-	-	-	-	-	7A-Z-0-2-22	-	IP-STA-4701	2
41	3A	TT-640101	TEMPERATURE SENSOR AND TRANSMITTER ON HOT WFI STORAGE TANK TQ-6401, BOTTOM	-	-	-	-	-	-	7A-Z-0-2-25	-	CP-SK-6401	2
42	3A	TT-770101	TEMPERATURE SENSOR AND TRANSMITTER ON RINSE/WASH TANK TQ-7701 JACKET	-	-	-	-	-	-	7A-Z-0-2-21	-	IP-CIP-7701	2
43	3A	SC-BC6401-1	SPEED CONTROL OF WFI DISTRIBUTION PUMP BC-6401-1	-	-	-	-	-	-	-	-	-	4
44	3A	SC-BC6401-2	SPEED CONTROL OF WFI DISTRIBUTION PUMP BC-6401-2	-	-	-	-	-	-	-	-	-	4
45	3A	SC-BC6401-3	SPEED CONTROL OF WFI DISTRIBUTION PUMP BC-6401-3	-	-	-	-	-	-	-	-	-	4
46	3A	SC-BC6401-4	SPEED CONTROL OF WFI DISTRIBUTION PUMP BC-6401-4	-	-	-	-	-	-	-	-	-	4
47	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-
48	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-
49	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-
50	3A	TIT-640103	TEMPERATURE SENSOR AND TRANSMITTER ON THE OUTLET OF WFI HEATER TC-6401	-	-	-	-	-	-	-	-	-	4
51	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-
52	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-
53	3A	TT-640102	TEMPERATURE SENSOR AND TRANSMITTER OF WFI WASTE TO PROCESS WASTE SUMP SK-8001	-	-	-	-	-	-	-	-	-	4
54	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-



			 		TITLE: <b>INPUT AND OUTPUT LIST - PCS 7A</b>						DOC NR.: <b>569-DB7B-AIC-330-001</b> CLIENT NR.: <b>PRD-AIC-LIS-001</b>		SHEET.: 5 de 13 REV.: 3A
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNET COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
55	3A	TT-770103	TEMPERATURE SENSOR AND TRANSMITTER ON BC-7701-2 DISCHARGE / CIP SYSTEM CIP-7701	-	-	-	-	-	-	7A-Z-0-2-21	-	IP-CIP-7701	2
56	3A	TV-640103	CONTROL VALVE OF MEDIUM PRESSURE STEAM SUPPLY TO WFI HEATER TC-6401	-	-	-	-	-	-	-	-	-	4
57	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-
58	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-
59	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-
60	3A	XA-460101	PARTS WASHER LV-4601 COMMON ALARM	-	-	1	-	-	-	7A-Z-0-2-07	7A-I-0-3-10 7A-I-0-3-06	CP-A1043	-
61	3A	XA-460102	HWFI AVAILABLE ALARM FROM PARTS WASHER LV-4601 CONTROL PANEL	-	-	1	-	-	-	7A-Z-0-2-07	7A-I-0-3-10 7A-I-0-3-06	CP-A1043	-
62	3A	XA-630101	PRETREATMENT SYSTEM RO-6301 COMMON ALARM	-	-	-	-	-	-	-	-	-	4
63	3A	XA-640101	WFI STILL MES-6401 COMMON ALARM	-	-	1	-	-	-	7A-Z-0-2-24	7A-I-0-3-10 7A-I-0-3-06	CP-A1043	-
64	3A	XA-640105	WFI PUMPING SKID SK-6401 COMMON ALARM	-	-	-	-	-	-	7A-Z-0-2-25	-	CP-SK-6401	2
65	3A	XA-640108	WFI POU COOLER TC-6402 COMMON ALARM	-	-	1	-	-	-	7A-Z-0-2-26	7A-I-0-3-10 7A-I-0-3-06	CP-A1043	-
66	3A	XA-640109	WFI POU COOLER TC-6403 COMMON ALARM	-	-	1	-	-	-	7A-Z-0-2-26	7A-I-0-3-10 7A-I-0-3-06	CP-A1043	-
67	3A	XA-CIP	CIP/SIP STA-4701 PORTABLE VESSEL AVAILABLE ALARM	-	-	-	-	-	-	7A-Z-0-2-22	-	IP-STA-4701	2
68	3A	YI-800001	PROCESS WASTE SUMP LIFT STATION SK-8001 SYSTEM AVAILABLE ALARM	-	-	1	-	-	-	7A-Z-0-2-31	7A-I-0-3-10 7A-I-0-3-06	CP-A1043	-
69				3	0	10	1						
70			TOTAL I/O ON CP-A1043	AI	AO	DI	DO						






<div><div><div><div></div><div>TESSLER</div><div>engenharia</div></div><div><div>ips</div></div></div></div>			<div><div><div><div></div><div>Takeda</div></div><div><div><div></div><div>Hemobrás</div><div><small>Empresa Brasileira de Hemoderivação e Biotecnologia</small></div></div></div></div></div>	TITLE:							DOC NR.: 569-DB7B-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-001		<div>3 A VERSION</div>		SHEET.: 6 de 13 REV.: 3A
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNET COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES		
											PANEL LAYOUT				
71	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-		
72	3A	PIT-380101	BUFFER/PRODUCT TANK TQ-3801 PRESSURE TRANSMITTER	1	-	-	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-		
73	3A	PIT-380201	BUFFER/PRODUCT TANK TQ-3802 PRESSURE TRANSMITTER	1	-	-	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-		
74	3A	PIT-380301	BUFFER/PRODUCT TANK TQ-3803 PRESSURE TRANSMITTER	1	-	-	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-		
75	3A	PIT-390101	BUFFER/PRODUCT TANK PTQ-3804 PRESSURE TRANSMITTER	1	-	-	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-		
76	3A	PIT-390201	BUFFER/PRODUCT TANK PTQ-3805 PRESSURE TRANSMITTER	1	-	-	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-		
77	3A	PIT-390301	BUFFER/PRODUCT TANK PTQ-3806 PRESSURE TRANSMITTER	1	-	-	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-		
78	3A	PIT-390101	STERILE FILTER FILTER FLQ-3901-1 INLET PRESSURE TRANSMITTER	-	-	-	-	-	-	7A-Z-0-2-03	-	IP-FIL-3901	2		
79	3A	PIT-390102	STERILE FILTER FILTER FLQ-3901-1 OUTLET PRESSURE TRANSMITTER	-	-	-	-	-	-	7A-Z-0-2-03	-	IP-FIL-3901	2		
80	3A	PT-470101	PRESSURE TRANSMITTER - SIP/CIP - TQ-380X	1	-	-	-	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-		
81	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-		
82	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-		
83	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-		
84	3A	SC-AG3801	SPEED CONTROL OF AGITATOR AG-3801 ON BUFFER/PRODUCT TANK TQ-3801	-	1	-	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-		
85	3A	SC-AG3802	SPEED CONTROL OF AGITATOR AG-3802 ON BUFFER/PRODUCT TANK TQ-3802	-	1	-	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-		
86	3A	SC-AG3803	SPEED CONTROL OF AGITATOR AG-3803 ON BUFFER/PRODUCT TANK TQ-3803	-	1	-	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-		
87	3A	SC-AG3901	SPEED CONTROL OF AGITATOR AG-3901 ON FORMULATION TANK PTQ-3804	-	1	-	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-		
88	3A	SC-AG3902	SPEED CONTROL OF AGITATOR AG-3902 ON FORMULATION TANK PTQ-3805	-	1	-	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-		
89	3A	SC-AG3903	SPEED CONTROL OF AGITATOR AG-3903 ON FORMULATION TANK PTQ-3806	-	1	-	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-		
90	3A	SC-AG4701	SPEED CONTROL OF AGITATOR AG-380X ON SIP/CIP - STA-4701	-	1	-	-	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-		
91	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-		
92	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-		
93	3A	SV-390102	STERILE FILTER FILTER FLQ-3901-2 INLET SOLENOID VALVE	-	-	-	-	-	-	7A-Z-0-2-03	-	IP-FIL-3901	2		
94	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-		
95	3A	TIT-380101	BUFFER/PRODUCT TANK TQ-3801 TEMPERATURE SENSOR AND TRANSMITTER	1	-	-	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-		
96	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-		
97	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-		



					TITLE: <b>INPUT AND OUTPUT LIST - PCS 7A</b>						DOC NR.: <b>569-DB7B-AIC-330-001</b> CLIENT NR.: <b>PRD-AIC-LIS-001</b>		<div>3 A VERSION</div> <div>SHEET.: 7 de 13 REV.: 3A</div>	
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNET COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
98	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-	
99	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-	
100	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-	
101	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-	
102	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-	
103	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-	
104	3A	TT-390124	TEMPERATURE SENSOR AND TRANSMITTER ON STEAM TRAP T-390124	1	-	-	-	-	-	7A-Z-0-2-04	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-	
105	3A	TIT-380201	BUFFER/PRODUCT TANK TQ-3802 TEMPERATURE SENSOR AND TRANSMITTER	1	-	-	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-	
106	3A	TIT-380301	BUFFER/PRODUCT TANK TQ-3803 TEMPERATURE SENSOR AND TRANSMITTER	1	-	-	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-	
107	3A	TT-110101	TEMPERATURE SENSOR AND TRANSMITTER ON STEAM TRAP T-110101 - FILLING LINE LE-1100	-	-	-	-	-	-	7A-Z-0-2-04	-	-	4	
108	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-	
109	3A	TT-390101	TEMPERATURE SENSOR AND TRANSMITTER ON BUFFER/PRODUCT TANK PTQ-3804	1	-	-	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-	
110	3A	TT-390201	TEMPERATURE SENSOR AND TRANSMITTER ON BUFFER/PRODUCT TANK PTQ-3805	1	-	-	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-	
111	3A	TT-390301	TEMPERATURE SENSOR AND TRANSMITTER ON BUFFER/PRODUCT TANK PTQ-3806	1	-	-	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-	
112	3A	TT-380701	TEMPERATURE SENSOR AND TRANSMITTER ON BUFFER/PRODUCT TANK PTQ-3807	-	-	-	-	-	-	7A-Z-0-2-02	-	PTQ-3807	2	
113	3A	TT-390102	TEMPERATURE SENSOR AND TRANSMITTER ON STEAM TRAP T-390102 - STERILE FILTRATION FIL-3901	-	-	-	-	-	-	7A-Z-0-2-03	-	IP-FIL-3901	2	
114	3A	TT-390106	TEMPERATURE SENSOR AND TRANSMITTER ON STEAM TRAP T-390106 - STERILE FILTRATION FIL-3901	-	-	-	-	-	-	7A-Z-0-2-03	-	IP-FIL-3901	2	
115	3A	TT-390109	TEMPERATURE SENSOR AND TRANSMITTER ON STEAM TRAP T-390109 - STERILE FILTRATION FIL-3901	-	-	-	-	-	-	7A-Z-0-2-03	-	IP-FIL-3901	2	
116	3A	TT-390112	TEMPERATURE SENSOR AND TRANSMITTER ON STEAM TRAP T-390112 - STERILE FILTRATION FIL-3901	-	-	-	-	-	-	7A-Z-0-2-03	-	IP-FIL-3901	2	
117	3A	TT-470101	TEMPERATURE SENSOR AND TRANSMITTER SIP/CIP - TQ-380X	1	-	-	-	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-	
118	3A	TT-470106	TEMPERATURE SENSOR AND TRANSMITTER PRESSURIZED WASTE TO HEADER - TQ-380X	1	-	-	-	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-	
119	3A	TT-470107	TEMPERATURE SENSOR AND TRANSMITTER PRESSURIZED WASTE TO HEADER - STA-4701	1	-	-	-	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-	
120	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-	
121	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-	
122	3A	WIT-3801-1	BUFFER PREP FLOOR SCALE BLC-3801 WEIGHT TRANSMITTER	1	-	-	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-	
123	3A	WT-3903-1	FORMULATION FLOOR SCALE BLC-3901 WEIGHT TRANSMITTER	1	-	-	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-	
124	3A	ZX-390101	POSITION SENSOR ON TRANSFER PANEL TP-3901-1 (STERILE FILTRATION FIL-3901)	-	-	-	-	-	-	7A-Z-0-2-03	-	IP-FIL-3901	2	








					TITLE: <b>INPUT AND OUTPUT LIST - PCS 7A</b>						DOC NR.: <b>569-DB7B-AIC-330-001</b> CLIENT NR.: <b>PRD-AIC-LIS-001</b>		SHEET.: <b>8 de 13</b> REV.: <b>3A</b>
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERNET COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
125	3A	ZX-390102	POSITION SENSOR ON TRANSFER PANEL TP-3901-1 (STERILE FILTRATION FIL-3901)	-	-	-	-	-	-	7A-Z-0-2-03	-	IP-FIL-3901	2
126	3A	ZS-380101	POSITION SENSOR FOR OPEN COVER ON BUFFER/PRODUCT TANK TQ-3801	-	-	1	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
127	3A	ZS-380201	POSITION SENSOR FOR OPEN COVER ON BUFFER/PRODUCT TANK TQ-3802	-	-	1	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
128	3A	ZS-380301	POSITION SENSOR FOR OPEN COVER ON BUFFER/PRODUCT TANK TQ-3803	-	-	1	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
129	3A	ZS-390101	POSITION SENSOR FOR OPEN COVER ON FORMULATION TANK PTQ-3804	-	-	1	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
130	3A	ZS-390201	POSITION SENSOR FOR OPEN COVER ON FORMULATION TANK PTQ-3805	-	-	1	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
131	3A	ZS-390301	POSITION SENSOR FOR OPEN COVER ON FORMULATION TANK PTQ-3806	-	-	1	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
132	3A	ZS-470101	POSITION SENSOR FOR OPEN COVER ON SIP/CIP TANK TQ-380X - STA-4701	-	-	1	-	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
133	3A	XS-380101	SAFETY SWITCH ON BUFFER/PRODUCT TANK TQ-3801	-	-	1	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
134	3A	XS-380201	SAFETY SWITCH ON BUFFER/PRODUCT TANK TQ-3802	-	-	1	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
135	3A	XS-380301	SAFETY SWITCH ON BUFFER/PRODUCT TANK TQ-3803	-	-	1	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
136	3A	XS-390101	SAFETY SWITCH ON FORMULATION TANK PTQ-3804	-	-	1	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
137	3A	XS-390201	SAFETY SWITCH ON FORMULATION TANK PTQ-3805	-	-	1	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
138	3A	XS-390301	SAFETY SWITCH ON FORMULATION TANK PTQ-3806	-	-	1	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
139	3A	XS-470101	SAFETY SWITCH ON SIP/CIP TANK TQ-380X - STA-4701	-	-	1	-	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
140	3A	XS-380102	RUPTURE DISC ON BUFFER/PRODUCT TANK TQ-3801	-	-	1	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
141	3A	XS-380202	RUPTURE DISC ON BUFFER/PRODUCT TANK TQ-3802	-	-	1	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
142	3A	XS-380302	RUPTURE DISC ON BUFFER/PRODUCT TANK TQ-3803	-	-	1	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
143	3A	XS-390102	RUPTURE DISC ON FORMULATION TANK PTQ-3804	-	-	1	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
144	3A	XS-390202	RUPTURE DISC ON FORMULATION TANK PTQ-3805	-	-	1	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
145	3A	XS-390302	RUPTURE DISC ON FORMULATION TANK PTQ-3806	-	-	1	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
146	3A	XS-470102	RUPTURE DISC ON SIP/CIP TANK TQ-380X - STA-4701	-	-	1	-	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
147	3A	SY-AG3801	PULSE COUNTER ON BUFFER/PRODUCT TANK TQ-3801	-	-	1	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
148	3A	SY-AG3802	PULSE COUNTER ON BUFFER/PRODUCT TANK TQ-3802	-	-	1	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
149	3A	SY-AG3803	PULSE COUNTER ON BUFFER/PRODUCT TANK TQ-3803	-	-	1	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
150	3A	SY-AG3901	PULSE COUNTER ON FORMULATION TANK PTQ-3804	-	-	1	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
151	3A	SY-AG3902	PULSE COUNTER ON FORMULATION TANK PTQ-3805	-	-	1	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-







			 		TITLE: <b>INPUT AND OUTPUT LIST - PCS 7A</b>						DOC NR.: <b>569-DB7B-AIC-330-001</b> CLIENT NR.: <b>PRD-AIC-LIS-001</b>		SHEET.: 9 de 13 REV.: 3A
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNET COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
152	3A	SY-AG3903	PULSE COUNTER ON FORMULATION TANK PTQ-3806	-	-	1	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
153	3A	SY-AG4701	PULSE COUNTER ON SIP/CIP TANK TQ-380X - STA-4701	-	-	1	-	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
154	3A	HS-380101	EMERGENCY BUTTON BUFFER/PRODUCT AREA	-	-	1	-	-	-	7A-Z-0-2-01	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
155	3A	HS-390101	EMERGENCY BUTTON FORMULATION AREA	-	-	1	-	-	-	7A-Z-0-2-02	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
156	3A	HS-CIP-LCP-4701	CIP START PUSH BUTTON - LCP-4701	-	-	1	-	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
157	3A	HS-SIP-LCP-4701	SIP START PUSH BUTTON - LCP-4701	-	-	1	-	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
158	3A	HYL-CIP-LCP-4701	AVAILABLE PUSH BUTTON CIP - LCP-4701	-	-	1	-	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
159	3A	HYL-ALM-LCP-4701	ALARM PUSH BUTTON CIP - LCP-4701	-	-	1	-	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
160	3A	HS1-CIP/SIP-LCP-4701	E-STOP/ABORT CIP/SIP PUSH BUTTON - LCP-4701	-	-	1	-	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
161	3A	HS2-CIP/SIP-LCP-4701	RESET CIP/SIP PUSH BUTTON - LCP-4701	-	-	1	-	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
162	3A	L1-CIP-LCP-4701	CIP START LIGHT PILOT - LCP-4701	-	-	-	1	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
163	3A	L1-SIP-LCP-4701	SIP START LIGHT PILOT - LCP-4701	-	-	-	1	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
164	3A	YL-CIP-LCP-4701	AVAILABLE LIGHT PILOT CIP - LCP-4701	-	-	-	1	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
165	3A	YL-ALM-LCP-4701	ALARM LIGHT PILOT CIP - LCP-4701	-	-	-	1	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
166	3A	L1-CIP/SIP-LCP-4701	E-STOP/ABORT CIP/SIP LIGHT PILOT - LCP-4701	-	-	-	1	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
167	3A	L2-CIP/SIP-LCP-4701	RESET CIP/SIP LIGHT PILOT - LCP-4701	-	-	-	1	-	-	7A-Z-0-2-22	7A-I-0-3-26 7A-I-0-3-06	CP-A2600	-
168				19	7	36	6						
169			TOTAL I/O ON CP-A2600	AI	AO	DI	DO						

					TITLE: <b>INPUT AND OUTPUT LIST - PCS 7A</b>						DOC NR.: <b>569-DB7B-AIC-330-001</b> CLIENT NR.: <b>PRD-AIC-LIS-001</b>		<div>3 A VERSION</div> <div>SHEET.: 10 de 13 REV.: 3A</div>	
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNET COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
170	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-	
171	3A	SV-630101	SOLENOID VALV RELATED TO ON-OFF XV-630101 - FEED WATER INLET TO WFI STILL MÊS-6401	-	-	-	-	-	-	7A-Z-0-2-24	-	REMOTE SVP	2	
172	3A	SV-640102A	SOLENOID VALVE RELATED TO ON-OFF XV-640102A - HOT WFI SUPPLY TO TQ-6401	-	-	-	-	-	-	7A-Z-0-2-25	-	REMOTE SVP	2	
173	3A	SV-640102B	SOLENOID VALVE RELATED TO ON-OFF XV-640102B -WFI WASTE DIVERT TO PROC WASTE SUMP SK-8001	-	-	-	-	-	-	7A-Z-0-2-25	-	REMOTE SVP	2	
174	3A	SV-640105	SOLENOID VALV RELATED TO ON-OFF XV-640105 - FEED WATER INLET TO CLEAN STEAM GENERATOR CSG-6501	-	-	-	-	-	-	7A-Z-0-2-27	-	REMOTE SVP	2	
175	3A	SV-640106	SOLENOID VALVE RELATED TO ON-OFF XV-640106 - HOT WFI SUPPLY TO TQ-7701	-	-	-	-	-	-	7A-Z-0-2-21	-	REMOTE SVP	2	
176	3A	SV-770101	SOLENOID VALVE RELATED TO ON-OFF XV-770101 - BOTTOM OUTLET OF TQ-7701	-	-	-	-	-	-	7A-Z-0-2-21	-	REMOTE SVP	2	
177	3A	SV-770102	SOLENOID VALVE RELATED TO ON-OFF XV-770102 - FROM BC-7701-2 DISCHARGE TO TQ-7701	-	-	-	-	-	-	7A-Z-0-2-21	-	REMOTE SVP	2	
178	3A	SV-770103	SOLENOID VALVE RELATED TO ON-OFF XV-770103 - CLEAN COMPRESSED AIR TO TQ-7701	-	-	-	-	-	-	7A-Z-0-2-21	-	REMOTE SVP	2	
179	3A	SV-770104A	SOLENOID VALVE RELATED TO ON-OFF XV-770104A - CIP COMPR AIR SUPPLY TO CIP/SIP STATION STA-4701	-	-	-	-	-	-	7A-Z-0-2-21	-	REMOTE SVP	2	
180	3A	SV-770104B	SOLENOID VALVE RELATED TO ON-OFF XV-770104B - CIP COMPR AIR SUPPLY TO STERILE FILT SKID FIL-3901	-	-	-	-	-	-	7A-Z-0-2-21	-	REMOTE SVP	2	
181	3A	SV-770105	SOLENOID VALVE RELATED TO ON-OFF XV-770105 - CLEAN COMPRESSED AIR TO TQ-7701	-	-	-	-	-	-	7A-Z-0-2-21	-	REMOTE SVP	2	
182	3A	SV-770106	SOLENOID VALVE RELATED TO ON-OFF XV-770106 - FROM BC-7701-2 DISCHARGE TO PRESSURIZED DRAIN HEADER	-	-	-	-	-	-	7A-Z-0-2-21	-	REMOTE SVP	2	
183	3A	SV-770107	SOLENOID VALVE RELATED TO ON-OFF XV-770107 - FROM TQ-7701 BOTTOM OUTLET TO LIFT STATION SK-8001	-	-	-	-	-	-	7A-Z-0-2-21	-	REMOTE SVP	2	
184	3A	SV-770108	SOLENOID VALVE RELATED TO ON-OFF XV-770108 - CLEANING CHEMICAL SUPPLY TO TQ-7701-3	-	-	-	-	-	-	7A-Z-0-2-21	-	REMOTE SVP	2	
185	3A	SV-770109A	SOLENOID VALVE RELATED TO ON-OFF XV-770109A - RETURN FROM CIP/SIP STA-4701 TO BC-7701-2 SUCTION	-	-	-	-	-	-	7A-Z-0-2-21	-	REMOTE SVP	2	
186	3A	SV-770109B	SOLENOID VALVE RELATED TO ON-OFF XV-770109B - CIP SUPPLY RETURN FROM EV-1102 TO BC-7701-2 SUCTION	-	-	-	-	-	-	7A-Z-0-2-21	-	REMOTE SVP	2	
187	3A	SV-770110	SOLENOID VALVE RELATED TO ON-OFF XV-770110 - FROM BM-7701-3 DISCHARGE TO BC-7701-2 SUCTION	-	-	-	-	-	-	7A-Z-0-2-21	-	REMOTE SVP	2	
188	3A	SV-BC7701-1	SOLENOID VALVE RELATED TO ON-OFF XV-BC7701-1 - DRAIN OF CIP SUPPLY PUMP BC-7701-1	-	-	-	-	-	-	7A-Z-0-2-21	-	REMOTE SVP	2	
189	3A	SV-BC7701-2	SOLENOID VALVE RELATED TO ON-OFF XV-BC7701-2 - DRAIN OF CIP RETURN PUMP BC-7701-2	-	-	-	-	-	-	7A-Z-0-2-21	-	REMOTE SVP	2	
190	3A	SV-XXX	DRUG PRODUCT - PROC. WASTE - COLLECT & TEMP. / LIFT STATION - SK-8001	-	-	-	-	-	-	-	-	-	4	
191	3A	SPARE	-	-	-	-	-	-	-	-	-	-	-	
192	3A	SV-640107	SOLENOID VALVE RELATED TO ON-OFF XV-640107 - HOT WFI LOOP SUPPLY TO PARTS WASHER SKID LV-4601	-	-	-	-	-	-	7A-Z-0-2-07	-	REMOTE SVP	2	
193	3A	SV-640110	SOLENOID VALVE RELATED TO ON-OFF XV-640110 - HOT WFI LOOP SUPPLY TO VIAL WASHER SKID ML-1101	-	-	-	-	-	-	7A-Z-0-2-04	-	REMOTE SVP	2	
194	3A	SV-390123	SOLENOID VALVE RELATED TO ON-OFF XV-390123	-	-	-	-	-	1	7A-Z-0-2-04	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-	
195	3A	SV-470101	SOLENOID VALVE RELATED TO ON-OFF XV-470101 - CLEAN COMP AIR SUPPLY TO STA-4701 SIP PORT VESSEL	-	-	-	-	-	-	7A-Z-0-2-22	-	REMOTE SVP	2	
196	3A	SV-470102	SOLENOID VALVE RELATED TO ON-OFF XV-470102 - CLEAN COMP AIR SUPPLY TO STA-4701 SIP PORT VESSEL	-	-	-	-	-	-	7A-Z-0-2-22	-	REMOTE SVP	2	

					TITLE:						DOC NR.: 569-DB7B-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-001		<div>3 A VERSION</div> <div>SHEET.: 11 de 13 REV.: 3A</div>	
					INPUT AND OUTPUT LIST - PCS 7A									
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNET COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
197	3A	SV-470103	SOLENOID VALVE RELATED TO ON-OFF XV-470103 - CLEAN STEAM SUPPLY TO STA-4701 SIP PORT VESSEL	-	-	-	-	-	-	7A-Z-0-2-22	- -	REMOTE SVP	2	
198	3A	SV-470104	SOLENOID VALVE RELATED TO ON-OFF XV-470104 - CIP/SIP STATION STA-4701 VENT TO SAFE LOCATION	-	-	-	-	-	-	7A-Z-0-2-22	- -	REMOTE SVP	2	
199	3A	SV-470105	SOLENOID VALVE RELATED TO ON-OFF XV-470105 - FROM DISTRIBUTION TO STA-4701 CIP PORT VESSEL	-	-	-	-	-	-	7A-Z-0-2-22	- -	REMOTE SVP	2	
200	3A	SV-470106	SOLENOID VALVE RELATED TO ON-OFF XV-470106 - FROM DISTRIBUTION TO STA-4701 SIP PORT VESSEL	-	-	-	-	-	-	7A-Z-0-2-22	- -	REMOTE SVP	2	
201	3A	SV-470107	SOLENOID VALVE RELATED TO ON-OFF XV-470107 - FROM DISTRIBUTION TO STA-4701 SIP PORT VESSEL	-	-	-	-	-	-	7A-Z-0-2-22	- -	REMOTE SVP	2	
202	3A	SV-470108A	SOLENOID VALVE RELATED TO ON-OFF XV-470108A - FROM STA-4701 SIP PORT. VESSEL TO CIP SYSTEM RET	-	-	-	-	-	1	7A-Z-0-2-22	7A-I-0-3-27 7A-I-0-3-27	SVP-A1043-01	-	
203	3A	SV-470108B	SOLENOID VALVE RELATED TO ON-OFF XV-470108B - FROM STA-4701 SIP PORT. VESSEL TO ST TRAP T-470104	-	-	-	-	-	1	7A-Z-0-2-22	7A-I-0-3-27 7A-I-0-3-27	SVP-A1043-01	-	
204	3A	SV-460101	DRUG PRODUCT - PARTS WASHER - LV-4601	-	-	-	-	-	-	-	- -	-	4	
205	3A	SV-640103	SOLENOID VALVE RELATED TO ON-OFF XV-640103 - HOT WFI LOOP SUPPLY TO LYO-1105 SKID	-	-	-	-	-	-	7A-Z-0-2-08	- -	REMOTE SVP	2	
206	3A	SV-640104	SOLENOID VALVE RELATED TO ON-OFF XV-640104 - HOT WFI LOOP SUPPLY TO LYO-1106 SKID	-	-	-	-	-	-	7A-Z-0-2-09	- -	REMOTE SVP	2	
207	3A	SV-430001	SOLENOID VALVE RELATED TO XV-430001	-	-	-	-	-	1	7A-Z-0-2-20	7A-I-0-3-27 7A-I-0-3-27	SVP-A1043-01	-	
208	3A	SV-390120	SOLENOID VALVE RELATED TO THREE WAY VALVE XV-390120	-	-	-	-	-	1	7A-Z-0-2-04	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-	
209	3A	SV-390101	SOLENOID VALVE RELATED TO ON-OFF XV-390101 - CLEAN COMPR AIR SUPPLY TO FORMULATION TANK PTQ-3804	-	-	-	-	-	1	7A-Z-0-2-02	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-	
210	3A	SV-390101A	SOLENOID VALVE RELATED TO ON-OFF XV-390101A - FROM TRANSF PANEL TP-3901-1 TO FILTER FLQ-3901-1	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
211	3A	SV-390101B	SOLENOID VALVE RELATED TO ON-OFF XV-390101B - FROM T PANEL TP-3901-1 TO THREE WAY XV-390102	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
212	3A	SV-390102	SOLENOID VALVE RELATED TO ON-OFF XV-390102 - CHILLED WATER LOOP SUPPLY TO FORMULATION TANK PTQ-3804	-	-	-	-	-	1	7A-Z-0-2-02	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-	
213	3A	SV-390102	SOLENOID VALVE RELATED TO THREE WAY XV-390102 - FROM TR PNL TP-3901-1 TO CIP RET OR ST TRP T-390102	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
214	3A	SV-390103	SOLENOID VALVE RELATED TO ON-OFF XV-390103 - FROM FORMULATION TANK PTQ-3804 TO VENT OVER THE ROOF	-	-	-	-	-	1	7A-Z-0-2-02	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-	
215	3A	SV-390103	SOLENOID VALVE RELATED TO ON-OFF XV-390103 - FROM BLOWDOWN FILT FGA-3901-1 DRAIN TO ST TRAP	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
216	3A	SV-390104	SOLENOID VALVE RELATED TO ON-OFF XV-390104 - FROM BDWN FIL FGA-3901-1 OUTLET TO THREE WAY	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
217	3A	SV-390105	SOLENOID VALVE RELATED TO ON-OFF XV-390105 - FROM TRANSFER PANEL TP-3901-1 TO THREE WAY	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
218	3A	SV-390106	SOLENOID VALVE RELATED TO THREE WAY XV-390106 - FROM TR PNL TP-3901-1 TO CIP RET OR ST TRP T-390106	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
219	3A	SV-390107	SOLENOID VALVE RELATED TO ON-OFF XV-390107 - FROM FILTER WETTING PUMP BPR-3901 TO FILTER	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
220	3A	SV-390108	SOLENOID VALVE RELATED TO ON-OFF XV-390108 - VENT CONNECTION OFSTERILE FILTER FILTER FLQ-3901-1	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
221	3A	SV-390109	SOLENOID VALVE RELATED TO THREE WAY XV-390109 - FROM FLQ-3901-1 TO CIP RET OR ST TRP T-390109	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
222	3A	SV-390110	SOLENOID VALVE RELATED TO ON-OFF XV-390110 - FROM FGA-3901-1 OUTLET TO FLQ-3901-3 BOUNDARY FILTER	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	

			 		TITLE: <b>INPUT AND OUTPUT LIST - PCS 7A</b>						DOC NR.: <b>569-DB7B-AIC-330-001</b> CLIENT NR.: <b>PRD-AIC-LIS-001</b>		<div>5 A VERSION</div> <div>SHEET.: 12 de 13 REV.: 3A</div>	
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNET COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
223	3A	SV-390111A	SOLENOID VALVE RELATED TO ON-OFF XV-390111A - FROM FLQ-3901-1 OUTLET TO FLQ-3901-2 INLET	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
224	3A	SV-390111B	SOLENOID VALVE RELATED TO ON-OFF XV-390111B - FROM FLQ-3901-1 OUTLET TO FLQ-3901-2 INLET	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
225	3A	SV-390111C	SOLENOID VALVE RELATED TO ON-OFF XV-390111C - FROM FLQ-3901-1 OUTLET TO FLQ-3901-3 BOUNDARY F	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
226	3A	SV-390112	SOLENOID VALVE RELATED TO THREE WAY XV-390112 - FROM FLQ-3901-3 TO CIP RET OR STEAM TRAP T-390112	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
227	3A	SV-390113	SOLENOID VALVE RELATED TO ON-OFF XV-390113 - FROM BOUNDARY FLQ-3901-3 TO STEAM TRAP T-390113	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
228	3A	SV-390114	SOLENOID VALVE RELATED TO ON-OFF XV-390114 - VENT CONNECTION OFSTERILE FILTER FILTER FLQ-3901-2	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
229	3A	SV-390116A	SOLENOID VALVE RELATED TO ON-OFF XV-390116A - OUTLET OFSTERILE FILTER FILTER FLQ-3901-2	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
230	3A	SV-390116B	SOLENOID VALVE RELATED TO ON-OFF XV-390116B - FROM TR PANEL TP-3901-3 TO VIAL FILLER	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
231	3A	SV-390116C	SOLENOID VALVE RELATED TO ON-OFF XV-390116C - OUTLET OFSTERILE FILTER FILTER FLQ-3901-2	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
232	3A	SV-390116D	SOLENOID VALVE RELATED TO ON-OFF XV-390116D - FROM FILTER FLQ-3901-2 TO BOUNDARY FLQ-3901-3	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
233	3A	SV-390117	SOLENOID VALVE RELATED TO ON-OFF XV-390117 - CLEAN COMPR AIR SUPPLY TO FGA-3901-1	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
234	3A	SV-390118	SOLENOID VALVE RELATED TO ON-OFF XV-390118 - CLEAN COMPR AIR SUPPLY TO FGA-3901-1	-	-	-	-	-	-	7A-Z-0-2-03	- -	REMOTE SVP	2	
235	3A	SV-390201	SOLENOID VALVE RELATED TO ON-OFF XV-390201 - CLEAN COMPR AIR SUPPLY TO FORMULATION TANK PTQ-3805	-	-	-	-	-	1	7A-Z-0-2-02	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-	
236	3A	SV-390202	SOLENOID VALVE RELATED TO ON-OFF XV-390202 - CHILLED WATER LOOP SUPPLY TO FORMULATION TANK	-	-	-	-	-	1	7A-Z-0-2-02	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-	
237	3A	SV-390203	SOLENOID VALVE RELATED TO ON-OFF XV-390203 - FROM FORMULATION TANK PTQ-3805 TO VENT OVER THE ROOF	-	-	-	-	-	1	7A-Z-0-2-02	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-	
238	3A	SV-390301	SOLENOID VALVE RELATED TO ON-OFF XV-390301 - CLEAN COMPR AIR SUPPLY TO BUFFER TANK PTQ-3806	-	-	-	-	-	1	7A-Z-0-2-02	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-	
239	3A	SV-390302	SOLENOID VALVE RELATED TO ON-OFF XV-390302 - TEMPERED WATER LOOP SUPPLY TO FORMULATION TANK	-	-	-	-	-	1	7A-Z-0-2-02	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-	
240	3A	SV-390303	SOLENOID VALVE RELATED TO ON-OFF XV-390303 - FROM FORMULATION TANK PTQ-3806 TO VENT OVER THE ROOF	-	-	-	-	-	1	7A-Z-0-2-02	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-	
241	3A	SV-430002	SOLENOID VALVE RELATED TO XV-430002	-	-	-	-	-	1	7A-Z-0-2-20	7A-I-0-3-27 7A-I-0-3-27	SVP-A1043-01	-	
242	3A	SV-380101	SOLENOID VALVE RELATED TO ON-OFF XV-380101 - CLEAN COMPR AIR SUPPLY TO BUFFER TANK TQ-3801	-	-	-	-	-	1	7A-Z-0-2-01	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-	
243	3A	SV-380103	SOLENOID VALVE RELATED TO ON-OFF XV-380103 - FROM BUFFER TQ-3801 TO VENT OVER THE ROOF	-	-	-	-	-	1	7A-Z-0-2-01	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-	
244	3A	SV-380202	SOLENOID VALVE RELATED TO ON-OFF XV-380202 - CHILLED WATER LOOP SUPPLY TO BUFFER TQ-3802	-	-	-	-	-	1	7A-Z-0-2-01	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-	
245	3A	SV-380302	SOLENOID VALVE RELATED TO ON-OFF XV-380302 - CHILLED WATER LOOP SUPPLY TO BUFFER TQ-3803	-	-	-	-	-	1	7A-Z-0-2-01	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-	
246	3A	SV-430003	SOLENOID VALVE RELATED TO XV-430003	-	-	-	-	-	1	7A-Z-0-2-20	7A-I-0-3-27 7A-I-0-3-27	SVP-A1043-01	-	
247	3A	SV-380104	SOLENOID VALVE RELATED TO ON-OFF XV-380104 - DRAIN OF THE BUFFER TANK PTQ-3801	-	-	-	-	-	1	7A-Z-0-2-01	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-	
248	3A	SV-380204	SOLENOID VALVE RELATED TO ON-OFF XV-380204 - DRAIN OF THEBUFFER TANK PTQ-3802	-	-	-	-	-	1	7A-Z-0-2-01	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-	
249	3A	SV-380304	SOLENOID VALVE RELATED TO ON-OFF XV-380304 - DRAIN OF THE BUFFER TANK PTQ-3803	-	-	-	-	-	1	7A-Z-0-2-01	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-	



<div><div> <b>TESSLER</b> Engenharia</div><div> <b>ips</b></div></div>			<div><div> <b>Takeda</b></div><div> <b>Hemobrás</b> <small>Empresa Brasileira de Hemoderivados e Biotecnologia</small></div></div>	TITLE: <b>INPUT AND OUTPUT LIST - PCS 7A</b>							DOC NR.: <b>569-DB7B-AIC-330-001</b> CLIENT NR.: <b>PRD-AIC-LIS-001</b>		<div><div>REVISION <b>3</b></div><div>A VERSION</div></div>		SHEET.: 13 de 13 REV.: <b>3A</b>
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNET COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES		
											PANEL LAYOUT				
250	3A	SV-380404	SOLENOID VALVE RELATED TO ON-OFF XV-380404 - DRAIN OF THE FORMULATION TANK PTQ-3804	-	-	-	-	-	1	7A-Z-0-2-02	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-		
251	3A	SV-380504	SOLENOID VALVE RELATED TO ON-OFF XV-380504 - DRAIN OF THE FORMULATION TANK PTQ-3805	-	-	-	-	-	1	7A-Z-0-2-02	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-		
252	3A	SV-380604	SOLENOID VALVE RELATED TO ON-OFF XV-380604 - DRAIN OF THE FORMULATION TANK PTQ-3806	-	-	-	-	-	1	7A-Z-0-2-02	7A-I-0-3-27 7A-I-0-3-27	SVP-A2600-01	-		
253															
254															
255			TOTAL SOLENOID VALVE POINTS						26				-		
256			(CONNECTED ON ETHERNET THRU SVP)						SV						

(\*) LOCATION C=FIELD F=IN FRONT OF PAINEL P=OPERATOR CONSOLE I=PLC