





INPUT AND OUTPUT LIST - PCS 7B

2	ISSUED FOR CONSTRUCTION CONSIDERING COMMENTS										<div><div></div><div></div></div> <div><div></div><div></div></div>	
1	ISSUED FOR CONSTRUCTION CONSIDERING COMMENTS											
0	ISSUED FOR CONSTRUCTION											
B	90% DD ISSUE											
A	30% DD ISSUE										DOC NR: 569-DB7A-AIC-330-001	CLIENT NR: PRD-AIC-LIS-004
REV	DESCRIPTION											
REVIEW	REV. A	REV. B	REV. 0	REV. 1	REV. 2	REV. 3	REV. 4	REV. 5	REV. 6	REV. 7	CLIENT: TAKEDA / BAXALTA	
DATE	08FEB2021	06OCT2021	08NOV2021	09DEC2021	18APR2022						PROJECT: BURITI EPCMV PROJECT	
EXEC	MAB	AG	AG	AG	AG						REV.: 2	
CHECK	MAF	MAF	MAF	MAF	MAF							
APPROV	MAJ	RSP	RSP	RSP	RSP							

1 - SOLENOID VALVES OF PNEUMATIC ACTUATORS INSTALLED IN SVP - SOLENOID VALVE PANELS, THESE CONNECTED TO ETHERNET NETWORK.

2 - REMOTE I/O BY EQUIPMENT SKID VENDOR;

3 - CONNECTED TO REMOTE I/O THRU JUNCTION BOX:

4 - CANCELLED OR MOVED ACCORDING PROCESS REVIEW:

REVISION B - NOTES

1. UPDATED ACCORDING LAST REVISION PCS ARCHITECTURE - DRAWING NR. 7B-I-0-1-01_I;
2. I/Os REGROUPED ACCORDING TO EACH CP;
3. SPEED CONTROLS INSERTED VIA ETHERNET NETWORK.

REVISION 0 - NOTES



1. UPDATED ACCORDING NEW DECISIONS ABOUT PROCESS CONTROL (REMOTE I/O).

REVISION 1 - NOTES



1. UPDATED ACCORDING NEW PROCESS CONTROL.

REVISION 2 - NOTES

1. REVIEW ACCORDING PROCESS UPDATE AND CLEAR YELLOW MARKINGS

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ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
1	2	AIT-630201 (OZONE)	PURIFIED WATER STORAGE TANK, TQ-6302 - SENSOR, ANALYZER AND TRANSMITTER - CLOSE TO TQ-6302	-	-	-	-	-	-	7B-Z-0-2-57	- -	IP-SK-6302	2
2	2	AIT-630204 (OZONE)	PURIF WTR STRG TANK, TQ-6302 - SENSOR, ANALYZER AND TRANSMITTER - ON THE INLET LINE OF UV-6302	-	-	-	-	-	-	7B-Z-0-2-57	- -	IP-SK-6302	2
3	2	AIT-630205 (OZONE)	PURIF WTR STRG TANK, TQ-6302 - SENSOR, ANALYZER AND TRANSMITTER - ON THE OUTLET LINE OF UV-6302	-	-	-	-	-	-	7B-Z-0-2-57	- -	IP-SK-6302	2
4	2	AIT-640101 (COND)	HOT WFI STORAGE TANK, TQ-6401 - SENSOR, ANALYZER AND TRANSMITTER ON HOT WFI GENERATOR LINE	1	-	-	-	-	-	7B-Z-0-2-60	7B-I-0-3-10 7B-I-0-3-06	CP-B1031	-
5	2	AIT-640102 (COND/TOC/TEMP)	HOT WFI STORAGE TANK, TQ-6401 - SENSOR, ANALYZER AND TRANSMITTER ON HOT WFI LOOP RETURN LINE	-	-	-	-	-	-	7B-Z-0-2-60	- -	IP-SK-6401	2
6	2	AE-640103 (TOC)	INCLUDED ABOVE	-	-	-	-	-	-	7B-Z-0-2-60	- -	IP-SK-6401	2
7	2	AIT-920101 (COND/TOC/TEMP)	HOT WFI STORAGE TANK, TQ-6401 - SENSR, ANALYZR AND TRANSMITTER ON HOT/AMB WFI LOOP RETURN LINE	-	-	-	-	-	-	7B-Z-0-2-60	- -	IP-SK-6401	2
8	2	AIT-920102 (TOC)	INCLUDED ABOVE	-	-	-	-	-	-	7B-Z-0-2-60	- -	IP-SK-6401	2
9	2	ZSO-XV-630209	OPEN POSITION SENSOR OF ON-OFF VALVE XV-630209	-	-	1	-	-	-	7B-Z-0-2-58	7B-I-0-3-10 7B-I-0-3-06	CP-B1031	-
10	2	ZSC-XV-630209	CLOSED POSITION SENSOR OF ON-OFF VALVE XV-630209	-	-	1	-	-	-	7B-Z-0-2-58	7B-I-0-3-10 7B-I-0-3-06	CP-B1031	-
11	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-
12	2	CT-770201	CIP SYSTEM 2, CIP-7702 - MEDIA & FERM AREA - CONDUCTIVITY TRASMITTER ON BC-7702-1 DISCHARGE	-	-	-	-	-	-	7B-Z-0-2-46	- -	IP-CIP-7702	2
13	2	CT-770202	CIP SYSTEM 2, CIP-7702 - MEDIA & FERM AREA - CONDUCTIVITY TRASMITTER ON BC-7702-2 DISCHARGE	-	-	-	-	-	-	7B-Z-0-2-46	- -	IP-CIP-7702	2
14	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-
15	2	FS-BC7702-2	CIP SYSTEM 2, CIP-7702 - MEDIA & FERM AREA - FLOW SWITCH ON BC-7702-2 SUCTION	-	-	-	-	-	-	7B-Z-0-2-46	- -	IP-CIP-7702	2
16	2	FT-640101	HOT WFI STORAGE TANK, TQ-6401 - HOT WFI LOOP RETURN FLOW SENSOR AND TRANSMITTER	-	-	-	-	-	-	7B-Z-0-2-60	- -	IP-SK-6401	2
17	2	FT-770201	CIP SYSTEM 2, CIP-7702 - MEDIA & FERM AREA - BC-7702-1 DISCHARGE FLOW TRANSMITTER	-	-	-	-	-	-	7B-Z-0-2-46	- -	IP-CIP-7702	2
18	2	FT-920101	HOT WFI STORAGE TANK, TQ-6401 - HOT/AMB WFI LOOP RETURN FLOW TRANSMITTER	-	-	-	-	-	-	7B-Z-0-2-60	- -	IP-SK-6401	2
19	2	ZSO-XV-920106	OPEN POSITION SENSOR OF ON-OFF VALVE XV-920106	-	-	1	-	-	-	7B-Z-0-2-62	7B-I-0-3-10 7B-I-0-3-06	CP-B1031	-
20	2	ZSC-XV-920106	CLOSED POSITION SENSOR OF ON-OFF VALVE XV-920106	-	-	1	-	-	-	7B-Z-0-2-62	7B-I-0-3-10 7B-I-0-3-06	CP-B1031	-



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ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
41	2	SC-BC6401-1	HOT WFI STORAGE TANK, TQ-6401 - SPEED CONTROL OF PUMP BC-6401-1	-	-	-	-	-	-	7B-Z-0-2-60	- -	IP-SK-6401	2	
42	2	SC-BC6401-2	HOT WFI STORAGE TANK, TQ-6401 - SPEED CONTROL OF PUMP BC-6401-2	-	-	-	-	-	-	7B-Z-0-2-60	- -	IP-SK-6401	2	
43	2	SC-750101	SPEED CONTROL	-	-	-	-	-	-	-	- -	-	4	
44	2	SC-BC9201-1	HOT WFI STORAGE TANK, TQ-6401 - SPEED CONTROL OF PUMP BC-9201-1	-	-	-	-	-	-	7B-Z-0-2-60	- -	IP-SK-6401	2	
45	2	SC-BC9201-2	HOT WFI STORAGE TANK, TQ-6401 - SPEED CONTROL OF PUMP BC-9201-2	-	-	-	-	-	-	7B-Z-0-2-60	- -	IP-SK-6401	2	
46	2	SC-AG4701	PORTABLE VESSEL CIP/SIP STATION STA-4701 - SPEED CONTROL OF PORTABLE VESSEL AGITATOR	-	-	-	-	-	-	7B-Z-0-2-55	- -	HMI-4701	2	
47	2	SC-BC6302-1	PURIFIED WATER STORAGE TANK, TQ-6302 - SPEED CONTROL OF PUMP BC-6302-1	-	-	-	-	-	-	7B-Z-0-2-57	- -	IP-SK-6302	2	
48	2	SC-BC6302-2	PURIFIED WATER STORAGE TANK, TQ-6302 - SPEED CONTROL OF PUMP BC-6302-2	-	-	-	-	-	-	7B-Z-0-2-57	- -	IP-SK-6302	2	
49	2	SC-BC7701-1	CIP SYSTEM 1, CIP-7701 - MEDIA & FERM AREA - SPEED CONTROL OF PUMP BC-7701-1	-	-	-	-	-	-	7B-Z-0-2-43	- -	IP-CIP-7701	2	
50	2	SC-BC7701-2	CIP SYSTEM 1, CIP-7701 - MEDIA & FERM AREA - SPEED CONTROL OF PUMP BC-7701-2	-	-	-	-	-	-	7B-Z-0-2-43	- -	IP-CIP-7701	2	
51	2	SC-BC7702-1	CIP SYSTEM 2, CIP-7702 - MEDIA & FERM AREA - SPEED CONTROL OF PUMP BC-7702-1	-	-	-	-	-	-	7B-Z-0-2-46	- -	IP-CIP-7702	2	
52	2	SC-BC7702-2	CIP SYSTEM 2, CIP-7702 - MEDIA & FERM AREA - SPEED CONTROL OF PUMP BC-7702-2	-	-	-	-	-	-	7B-Z-0-2-46	- -	IP-CIP-7702	2	
53	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-	
54	2	XA-750101	BIO-KILL SYSTEM BKS-7501 - SYSTEM AVAILABLE	-	-	1	-	-	-	7B-Z-0-2-76	7B-I-0-3-10 7B-I-0-3-06	CP-B1031	-	
55	2	XA-750102	BIO-KILL SYSTEM BKS-7501 - COMMON ALARM	-	-	1	-	-	-	7B-Z-0-2-76	7B-I-0-3-10 7B-I-0-3-06	CP-B1031	-	
56	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-	
57	2	TS-750101	TEMPERATURE SWITCH	-	-	-	-	-	-	-	- -	-	4	
58	2	TT-470104	PORTABLE VESSEL CIP/SIP STATION STA-4701 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-470104	-	-	-	-	-	-	7B-Z-0-2-55	- -	HMI-4701	2	
59	2	TT-630201	PURIFIED WATER STORAGE TANK, TQ-6302 - TEMPERATURE TRANSMITTER ON TQ-6302	-	-	-	-	-	-	7B-Z-0-2-57	- -	IP-SK-6302	2	
60	2	TT-640101	HOT WFI STORAGE TANK, TQ-6401 - TEMPERATURE TRANSMITTER ON TQ-6401	-	-	-	-	-	-	7B-Z-0-2-60	- -	IP-SK-6401	2	



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											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS PANEL LAYOUT	REMOTE	NOTES
121	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
122	2	SC-AG3701	500L BUFFER PREP TANK TQ-3701 - AGITATOR AG-3701 SPEED CONTROL	-	-	-	-	-	-	7B-Z-0-2-33	-	IP-SK-3701A	2
123	2	SC-AG3702	3000L BUFFER PREP TANK TQ-3702 - AGITATOR AG-3702 SPEED CONTROL	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3A	2
124	2	SC-AG3703	3000L BUFFER PREP TANK TQ-3703 - AGITATOR AG-3703 SPEED CONTROL	-	-	-	-	-	-	7B-Z-0-2-35	-	IP-SK-3702/3A	2
125	2	SC-AG5101	250L MEDIA PREP TANK - TQ-5101 & MED DIST - AGITATOR AG-5101 SPEED CONTROL	-	-	-	-	-	-	7B-Z-0-2-01	-	IP-SK-5101	2
126	2	SC-AG5102	4500L MEDIA PREP TANK - TQ-5102 - AGITATOR AG-5102 SPEED CONTROL	-	-	-	-	-	-	7B-Z-0-2-02	-	IP-SK-5102A	2
127	2	SC-AG5201	3800L MEDIA HOLD TANK - TQ-5201 - AGITATOR AG-5201 SPEED CONTROL	-	-	-	-	-	-	7B-Z-0-2-03	-	IP-SK-5201A	2
128	2	SC-AG5202	3800L MEDIA HOLD TANK - TQ-5202 - AGITATOR AG-5202 SPEED CONTROL	-	-	-	-	-	-	7B-Z-0-2-04	-	IP-SK-5202A	2
129	2	SIC-BPR5315	3800L MEDIA HOLD TANK - TQ-5201 - MEDIA TRANSFER PUMP BPR-5312 SPEED CONTROL	-	-	-	-	-	-	7B-Z-0-2-03	-	IP-SK-5201A	2
130	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
131	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
132	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
133	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
134	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
135	2	TT-370101	500L BUFFER PREP TANK TQ-3701 - TEMPERATURE TRANSMITTER ON TQ-3701	-	-	-	-	-	-	7B-Z-0-2-33	-	IP-SK-3701A	2
136	2	TT-370103	500L BUFFER PREP TANK TQ-3701 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-370103	-	-	-	-	-	-	7B-Z-0-2-33	-	IP-SK-3701A	2
137	2	TT-370104	TEMPERATURE SENSOR AND TRANSMITTER	-	-	-	-	-	-	-	-	-	4
138	2	TT-370111	BUFFER DOCKING SMALL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-370111	1	-	-	-	-	-	7B-Z-0-2-37	7B-I-0-3-27 7B-I-0-3-06	CP-B2600-1	-
139	2	TT-370113	BUFFER DOCKING SMALL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-370113	1	-	-	-	-	-	7B-Z-0-2-37	7B-I-0-3-27 7B-I-0-3-06	CP-B2600-1	-
140	2	TT-370201	3000L BUFFER PREP TANK TQ-3702 - TEMPERATURE TRANSMITTER ON TQ-3702	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3A	2



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											PANEL LAYOUT		
141	2	TT-370203	3000L BUFFER PREP TANK TQ-3702 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-370203	-	-	-	-	-	-	7B-Z-0-2-34	- -	IP-SK-3702/3A	2
142	2	TT-370204	TEMPERATURE SENSOR AND TRANSMITTER	-	-	-	-	-	-	-	- -	-	4
143	2	TT-370301	3000L BUFFER PREP TANK TQ-3703 - TEMPERATURE TRANSMITTER ON TQ-3703	-	-	-	-	-	-	7B-Z-0-2-35	- -	IP-SK-3702/3A	2
144	2	TT-370303	3000L BUFFER PREP TANK TQ-3703 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-370303	-	-	-	-	-	-	7B-Z-0-2-35	- -	IP-SK-3702/3A	2
145	2	TT-370304	TEMPERATURE SENSOR AND TRANSMITTER	-	-	-	-	-	-	-	- -	-	4
146	2	TT-371002	DILUTION BUFFER HOLD - TEMPERATURE TRANSMITTER ON STEAM TRAP T-371002	1	-	-	-	-	-	7B-Z-0-2-40	7B-I-0-3-27 7B-I-0-3-06	CP-B2600-1	-
147	2	TT-371102	DILUTION BUFFER HOLD - TEMPERATURE TRANSMITTER ON STEAM TRAP T-371102	1	-	-	-	-	-	7B-Z-0-2-40	7B-I-0-3-27 7B-I-0-3-06	CP-B2600-1	-
148	2	TT-510103	250L MEDIA PREP TANK - TQ-5101 & MED DIST - TEMPERATURE ON STEAM TRAP T-510203	-	-	-	-	-	-	7B-Z-0-2-01	- -	IP-SK-5101	2
149	2	TT-510106	250L MEDIA PREP TANK - TQ-5101 & MED DIST - TEMPERATURE ON STEAM TRAP T-510206	-	-	-	-	-	-	7B-Z-0-2-01	- -	IP-SK-5101	2
150	2	TT-510107	250L MEDIA PREP TANK - TQ-5101 & MED DIST - TEMPERATURE ON STEAM TRAP T-510207	-	-	-	-	-	-	7B-Z-0-2-01	- -	IP-SK-5101	2
151	2	TT-510201	4500L MEDIA PREP TANK - TQ-5102 - TEMPERATURE ON TQ-5102 - BOTTOM	-	-	-	-	-	-	7B-Z-0-2-02	- -	IP-SK-5102A	2
152	2	TT-510202	4500L MEDIA PREP TANK - TQ-5102 - TEMPERATURE ON ST TRAP T-510202	-	-	-	-	-	-	7B-Z-0-2-02	- -	IP-SK-5102A	2
153	2	TT-510206	4500L MEDIA PREP TANK - TQ-5102 - TEMPERATURE ON ST TRAP T-510206	-	-	-	-	-	-	7B-Z-0-2-02	- -	IP-SK-5102A	2
154	2	TT-520101	3800L MEDIA HOLD TANK - TQ-5201 - TEMPERATURE TRANSMITTER ON TQ-5201	-	-	-	-	-	-	7B-Z-0-2-03	- -	IP-SK-5201A	2
155	2	TT-520102	3800L MEDIA HOLD TANK - TQ-5201 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-520129	-	-	-	-	-	-	7B-Z-0-2-03	- -	IP-SK-5201A	2
156	2	TT-520107	3800L MEDIA HOLD TANK - TQ-5201 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-520107	-	-	-	-	-	-	7B-Z-0-2-03	- -	IP-SK-5201A	2
157	2	TT-520115	3800L MEDIA HOLD TANK - TQ-5201 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-520115	-	-	-	-	-	-	7B-Z-0-2-03	- -	IP-SK-5201A	2
158	2	TT-520117	TEMPERATURE SENSOR AND TRANSMITTER	-	-	-	-	-	-	-	- -	-	4
159	2	TT-520201	3800L MEDIA HOLD TANK - TQ-5202 - TEMPERATURE TRANSMITTER ON TQ-5202	-	-	-	-	-	-	7B-Z-0-2-04	- -	IP-SK-5202A	2
160	2	TT-520202	3800L MEDIA HOLD TANK - TQ-5202 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-520229	-	-	-	-	-	-	7B-Z-0-2-04	- -	IP-SK-5202A	2



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ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
161	2	TT-520207	3800L MEDIA HOLD TANK - TQ-5202 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-520207	-	-	-	-	-	-	7B-Z-0-2-04	-	IP-SK-5202A	2
162	2	TT-520215	3800L MEDIA HOLD TANK - TQ-5202 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-520215	-	-	-	-	-	-	7B-Z-0-2-04	-	IP-SK-5202A	2
163	2	TT-510101	250L MEDIA PREP TANK - TQ-5101 & MED DIST - TEMPERATURE ON TQ-5101	-	-	-	-	-	-	7B-Z-0-2-01	-	IP-SK-5101	2
164	2	ZX-370108	500L BUFFER PREP TANK TQ-3701 - POSITION SENSOR ON TP-3701-2	-	-	-	-	-	-	7B-Z-0-2-33	-	IP-SK-3701A	2
165	2	ZX-370109	500L BUFFER PREP TANK TQ-3701 - POSITION SENSOR ON TP-3701-2	-	-	-	-	-	-	7B-Z-0-2-33	-	IP-SK-3701A	2
166	2	ZX-380104	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3801-2	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3B	2
167	2	ZX-380105	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3801-2	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3B	2
168	2	WE/WT-370101	500L BUFFER PREP TANK TQ-3701 WEIGHT TRANSMITTER	-	-	-	-	-	-	7B-Z-0-2-33	-	IP-SK-3701A	2
169	2	WE/WT-370201	3000L BUFFER PREP TANK TQ-3702 WEIGHT TRANSMITTER	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3A	2
170	2	WE/WT-370301	3000L BUFFER PREP TANK TQ-3703 WEIGHT TRANSMITTER	-	-	-	-	-	-	7B-Z-0-2-35	-	IP-SK-3702/3A	2
171	2	WE/WT-510101	250L MEDIA PREP TANK - TQ-5101 & MED DIST - WEIGHT OF TQ-5101	-	-	-	-	-	-	7B-Z-0-2-01	-	IP-SK-5101	2
172	2	WE/WT-510201	4500L MEDIA PREP TANK - TQ-5102 - WEIGHT OF TQ-5102	-	-	-	-	-	-	7B-Z-0-2-02	-	IP-SK-5102A	2
173	2	ZX-380106	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3801-2	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3B	2
174	2	ZX-380107	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3801-2	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3B	2
175	2	ZX-380108	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3801-2	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3B	2
176	2	ZX-380109	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3801-2	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3B	2
177	2	ZSC-510101	250L MEDIA PREP TANK - TQ-5101 & MED DIST - TP-5101-1 CLOSED POSITION SENSOR	-	-	-	-	-	-	7B-Z-0-2-01	-	IP-SK-5101	2
178	2	ZSC-510201	4500L MEDIA PREP TANK - TQ-5102 - CLOSED POSITION SENSOR	-	-	-	-	-	-	7B-Z-0-2-02	-	IP-SK-5102B	2
179	2	ZSC-520101	3800L MEDIA HOLD TANK - TQ-5201 - CLOSED POSITION SENSOR	-	-	-	-	-	-	7B-Z-0-2-03	-	IP-SK-5201B	2
180	2	ZSC-520201	3800L MEDIA HOLD TANK - TQ-5202 - CLOSED POSITION SENSOR	-	-	-	-	-	-	7B-Z-0-2-04	-	IP-SK-5202B	2

				TITLE: INPUT AND OUTPUT LIST - PCS 7B							DOC NR.: 569-DB7A-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-004		SHEET.: 12 de 70 REV.: 2	
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
181	2	ZX-370208	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-2	-	-	-	-	-	-	7B-Z-0-2-34	- -	IP-SK-3702/3A	2	
182	2	ZX-370209	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-2	-	-	-	-	-	-	7B-Z-0-2-34	- -	IP-SK-3702/3A	2	
183	2	ZX-370210	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-2	-	-	-	-	-	-	7B-Z-0-2-34	- -	IP-SK-3702/3A	2	
184	2	ZX-370211	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-2	-	-	-	-	-	-	7B-Z-0-2-34	- -	IP-SK-3702/3A	2	
185	2	ZX-370212	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-2	-	-	-	-	-	-	7B-Z-0-2-34	- -	IP-SK-3702/3A	2	
186	2	ZX-370101	500L BUFFER PREP TANK TQ-3701 - POSITION SENSOR ON TP-3701-1	-	-	-	-	-	-	7B-Z-0-2-33	- -	IP-SK-3701A	2	
187	2	ZX-370102	500L BUFFER PREP TANK TQ-3701 - POSITION SENSOR ON TP-3701-1	-	-	-	-	-	-	7B-Z-0-2-33	- -	IP-SK-3701A	2	
188	2	ZX-380110	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3801-2	-	-	-	-	-	-	7B-Z-0-2-34	- -	IP-SK-3702/3B	2	
189	2	ZX-370104	POSITION SENSOR	-	-	-	-	-	-	-	- -	-	4	
190	2	ZX-370105	POSITION SENSOR	-	-	-	-	-	-	-	- -	-	4	
191	2	ZX-370106	POSITION SENSOR	-	-	-	-	-	-	-	- -	-	4	
192	2	ZX-370107	POSITION SENSOR	-	-	-	-	-	-	-	- -	-	4	
193	2	ZX-370110	500L BUFFER PREP TANK TQ-3701 - POSITION SENSOR ON TP-3701-2	-	-	-	-	-	-	7B-Z-0-2-33	- -	IP-SK-3701A	2	
194	2	ZX-370111	500L BUFFER PREP TANK TQ-3701 - POSITION SENSOR ON TP-3701-2	-	-	-	-	-	-	7B-Z-0-2-33	- -	IP-SK-3701A	2	
195	2	ZX-370112	500L BUFFER PREP TANK TQ-3701 - POSITION SENSOR ON TP-3701-2	-	-	-	-	-	-	7B-Z-0-2-33	- -	IP-SK-3701A	2	
196	2	ZX-370113	500L BUFFER PREP TANK TQ-3701 - POSITION SENSOR ON TP-3701-3	-	-	-	-	-	-	7B-Z-0-2-33	- -	IP-SK-3701A	2	
197	2	ZX-370114	500L BUFFER PREP TANK TQ-3701 - POSITION SENSOR ON TP-3701-3	-	-	-	-	-	-	7B-Z-0-2-33	- -	IP-SK-3701A	2	
198	2	ZX-370115	500L BUFFER PREP TANK TQ-3701 - POSITION SENSOR ON TP-3701-3	-	-	-	-	-	-	7B-Z-0-2-33	- -	IP-SK-3701A	2	
199	2	ZX-370116	500L BUFFER PREP TANK TQ-3701 - POSITION SENSOR ON TP-3701-3	-	-	-	-	-	-	7B-Z-0-2-33	- -	IP-SK-3701A	2	
200	2	ZX-370201	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-1	-	-	-	-	-	-	7B-Z-0-2-34	- -	IP-SK-3702/3B	2	



				TITLE: INPUT AND OUTPUT LIST - PCS 7B							DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 13 de 70	
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2	
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
201	2	ZX-370202	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-1	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3B	2	
202	2	ZX-370213	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-3	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3A	2	
203	2	ZX-370214	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-3	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3A	2	
204	2	ZX-370215	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-3	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3A	2	
205	2	ZX-370216	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-3	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3A	2	
206	2	ZX-370217	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-3	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3A	2	
207	2	ZX-370218	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-3	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3A	2	
208	2	ZX-370219	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-3	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3A	2	
209	2	ZX-370220	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-3	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3A	2	
210	2	ZX-370221	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-3	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3A	2	
211	2	ZX-370222	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-3	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3A	2	
212	2	ZX-370223	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-3	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3A	2	
213	2	ZX-370224	3000L BUFFER PREP TANK TQ-3702 - POSITION SENSOR ON TP-3702-3	-	-	-	-	-	-	7B-Z-0-2-34	-	IP-SK-3702/3A	2	
214	2	ZX-370301	3000L BUFFER PREP TANK TQ-3703 - POSITION SENSOR ON TP-3703-1	-	-	-	-	-	-	7B-Z-0-2-35	-	IP-SK-3702/3B	2	
215	2	ZX-370302	3000L BUFFER PREP TANK TQ-3703 - POSITION SENSOR ON TP-3703-1	-	-	-	-	-	-	7B-Z-0-2-35	-	IP-SK-3702/3B	2	
216	2	ZX-370308	3000L BUFFER PREP TANK TQ-3703 - POSITION SENSOR ON TP-3703-2	-	-	-	-	-	-	7B-Z-0-2-35	-	IP-SK-3702/3A	2	
217	2	ZX-370309	3000L BUFFER PREP TANK TQ-3703 - POSITION SENSOR ON TP-3703-2	-	-	-	-	-	-	7B-Z-0-2-35	-	IP-SK-3702/3A	2	
218	2	ZX-370310	3000L BUFFER PREP TANK TQ-3703 - POSITION SENSOR ON TP-3703-2	-	-	-	-	-	-	7B-Z-0-2-35	-	IP-SK-3702/3A	2	
219	2	ZX-370311	3000L BUFFER PREP TANK TQ-3703 - POSITION SENSOR ON TP-3703-2	-	-	-	-	-	-	7B-Z-0-2-35	-	IP-SK-3702/3A	2	
220	2	ZX-370312	3000L BUFFER PREP TANK TQ-3703 - POSITION SENSOR ON TP-3703-2	-	-	-	-	-	-	7B-Z-0-2-35	-	IP-SK-3702/3A	2	




					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-004		SHEET.: 14 de 70 REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS PANEL LAYOUT	REMOTE	NOTES
221	2	ZX-380101	BUFFER PREP POWDER INCORP UNIT PIU-3801 - POSITION SENSOR ON TP-3801-1	-	-	-	-	-	-	7B-Z-0-2-36	-	IP-SK-3702/3A	2
222	2	ZX-380102	BUFFER PREP POWDER INCORP UNIT PIU-3801 - POSITION SENSOR ON TP-3801-1	-	-	-	-	-	-	7B-Z-0-2-36	-	IP-SK-3702/3A	2
223	2	ZX-510101	4500L MEDIA PREP TANK - TQ-5102 - POSITION SENSOR ON TP-5101-2	-	-	-	-	-	-	7B-Z-0-2-02	-	IP-SK-5102B	2
224	2	ZX-510102	4500L MEDIA PREP TANK - TQ-5102 - POSITION SENSOR ON TP-5101-2	-	-	-	-	-	-	7B-Z-0-2-02	-	IP-SK-5102B	2
225	2	ZX-510103	250L MEDIA PREP TANK - TQ-5101 & MED DIST - POSITION SENSOR ON TP-5101-1	-	-	-	-	-	-	7B-Z-0-2-01	-	IP-SK-5101	2
226	2	ZX-510104	250L MEDIA PREP TANK - TQ-5101 & MED DIST - POSITION SENSOR ON TP-5101-1	-	-	-	-	-	-	7B-Z-0-2-01	-	IP-SK-5101	2
227	2	ZX-510105	250L MEDIA PREP TANK - TQ-5101 & MED DIST - POSITION SENSOR ON TP-5101-1	-	-	-	-	-	-	7B-Z-0-2-01	-	IP-SK-5101	2
228	2	ZX-510201	4500L MEDIA PREP TANK - TQ-5102 - POSITION SENSOR ON TP-5101-2	-	-	-	-	-	-	7B-Z-0-2-02	-	IP-SK-5102B	2
229	2	ZX-510202	4500L MEDIA PREP TANK - TQ-5102 - POSITION SENSOR ON TP-5101-2	-	-	-	-	-	-	7B-Z-0-2-02	-	IP-SK-5102B	2
230	2	ZX-510203	4500L MEDIA PREP TANK - TQ-5102 - POSITION SENSOR ON TP-5102-1	-	-	-	-	-	-	7B-Z-0-2-02	-	IP-SK-5102A	2
231	2	ZX-510204	4500L MEDIA PREP TANK - TQ-5102 - POSITION SENSOR ON TP-5102-1	-	-	-	-	-	-	7B-Z-0-2-02	-	IP-SK-5102A	2
232	2	ZX-510205	4500L MEDIA PREP TANK - TQ-5102 - POSITION SENSOR ON TP-5102-1	-	-	-	-	-	-	7B-Z-0-2-02	-	IP-SK-5102A	2
233	2	ZX-520103	3800L MEDIA HOLD TANK - TQ-5201 - POSITION SENSOR ON TP-5201-1	-	-	-	-	-	-	7B-Z-0-2-03	-	IP-SK-5201A	2
234	2	ZX-520104	3800L MEDIA HOLD TANK - TQ-5201 - POSITION SENSOR ON TP-5201-1	-	-	-	-	-	-	7B-Z-0-2-03	-	IP-SK-5201A	2
235	2	ZX-520105	3800L MEDIA HOLD TANK - TQ-5201 - POSITION SENSOR ON TP-5201-1	-	-	-	-	-	-	7B-Z-0-2-03	-	IP-SK-5201A	2
236	2	ZX-520203	3800L MEDIA HOLD TANK - TQ-5202 - POSITION SENSOR ON TP-5202-1	-	-	-	-	-	-	7B-Z-0-2-04	-	IP-SK-5202A	2
237	2	ZX-520204	3800L MEDIA HOLD TANK - TQ-5202 - POSITION SENSOR ON TP-5202-1	-	-	-	-	-	-	7B-Z-0-2-04	-	IP-SK-5202A	2
238	2	ZX-520205	3800L MEDIA HOLD TANK - TQ-5202 - POSITION SENSOR ON TP-5202-1	-	-	-	-	-	-	7B-Z-0-2-04	-	IP-SK-5202A	2
239	2	ZX-380103	BUFFER PREP POWDER INCORP UNIT PIU-3801 - POSITION SENSOR ON TP-3801-1	-	-	-	-	-	-	7B-Z-0-2-36	-	IP-SK-3702/3A	2
240				4	0	0	0						
241			TOTAL I/O ON CP-B2600-1	AI	AO	DI	DO						



				TITLE: INPUT AND OUTPUT LIST - PCS 7B							DOC NR.: 569-DB7A-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-004		SHEET.: 15 de 70 REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
242	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
243	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
244	2	AIT-540101 (pH)	40L BIOREACTOR, BRE-5401 VESSEL - SENSOR, ANALYZER AND TRANSMITTER ON BRE-5401	-	-	-	-	-	-	7B-Z-0-2-08	-	IP-BRE-5401	2
245	2	AIT-540102 (DO)	40L BIOREACTOR, BRE-5401 VESSEL - SENSOR, ANALYZER AND TRANSMITTER ON BRE-5401	-	-	-	-	-	-	7B-Z-0-2-08	-	IP-BRE-5401	2
246	2	AIT-550101 (pH)	320L BIOREACTOR, BRE-5501 VESSEL - SENSOR, ANALYZER AND TRANSMITTER ON BRE-5501	-	-	-	-	-	-	7B-Z-0-2-10	-	IP-SK-5501A	2
247	2	AIT-550102 (DO)	320L BIOREACTOR, BRE-5501 VESSEL - SENSOR, ANALYZER AND TRANSMITTER ON BRE-5501	-	-	-	-	-	-	7B-Z-0-2-10	-	IP-SK-5501A	2
248	2	AIT-560101 (BMASS)	2500L BIOREACTOR, BRE-5601 VESSEL - SENSOR, ANALYZER AND TRANSMITTER ON BRE-5601	-	-	-	-	-	-	7B-Z-0-2-12	-	IP-SK-5601A	2
249	2	AIT-560102 (pH)	2500L BIOREACTOR, BRE-5601 VESSEL - SENSOR, ANALYZER AND TRANSMITTER ON BRE-5601	-	-	-	-	-	-	7B-Z-0-2-12	-	IP-SK-5601A	2
250	2	AIT-560103 (pH)	2500L BIOREACTOR, BRE-5601 VESSEL - SENSOR, ANALYZER AND TRANSMITTER ON BRE-5601	-	-	-	-	-	-	7B-Z-0-2-12	-	IP-SK-5601A	2
251	2	AIT-560104 (DO)	2500L BIOREACTOR, BRE-5601 VESSEL - SENSOR, ANALYZER AND TRANSMITTER ON BRE-5601	-	-	-	-	-	-	7B-Z-0-2-12	-	IP-SK-5601A	2
252	2	AT-560201 (BMASS)	2500L BIOREACTOR, BRE-5602 VESSEL - SENSOR, ANALYZER AND TRANSMITTER ON BRE-5602	-	-	-	-	-	-	7B-Z-0-2-14	-	IP-SK-5602A	2
253	2	AIT-560202 (pH)	2500L BIOREACTOR, BRE-5602 VESSEL - SENSOR, ANALYZER AND TRANSMITTER ON BRE-5602	-	-	-	-	-	-	7B-Z-0-2-14	-	IP-SK-5602A	2
254	2	AIT-560203 (pH)	2500L BIOREACTOR, BRE-5602 VESSEL - SENSOR, ANALYZER AND TRANSMITTER ON BRE-5602	-	-	-	-	-	-	7B-Z-0-2-14	-	IP-SK-5602A	2
255	2	AIT-560204 (DO)	2500L BIOREACTOR, BRE-5602 VESSEL - SENSOR, ANALYZER AND TRANSMITTER ON BRE-5602	-	-	-	-	-	-	7B-Z-0-2-14	-	IP-SK-5602A	2
256	2	AIT-560205 (DO)	2500L BIOREACTOR, BRE-5602 VESSEL - SENSOR, ANALYZER AND TRANSMITTER ON BRE-5602	-	-	-	-	-	-	7B-Z-0-2-14	-	IP-SK-5602A	2
257	2	AIT-560105 (DO)	2500L BIOREACTOR, BRE-5601 VESSEL - SENSOR, ANALYZER AND TRANSMITTER ON BRE-5601	-	-	-	-	-	-	7B-Z-0-2-12	-	IP-SK-5601A	2
258	2	LT-590101	4200L HARVEST TANK, TQ-5901 - LEVEL TRANSMITTER ON TQ-5901	-	-	-	-	-	-	7B-Z-0-2-24	-	IP-SK-5901/2B	2
259	2	PT-590101	4200L HARVEST TANK, TQ-5901 - PRESSURE TRANSMITTER ON TQ-5901	-	-	-	-	-	-	7B-Z-0-2-24	-	IP-SK-5901/2B	2
260	2	TT-570107	3400L COLLECTION TANK, TQ-5701 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-570107	-	-	-	-	-	-	7B-Z-0-2-21	-	IP-SK-5701/2A	2




				TITLE: INPUT AND OUTPUT LIST - PCS 7B							DOC NR.: 569-DB7A-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-004		SHEET.: 16 de 70 REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
261	2	FT-560101 (MASS)	2500L BIOREACTOR, BRE-5602 VESSEL - FLOW TRANSM FROM BPR-5601 TO COLLECT TK FEED MANIFOLD	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601B	2
262	2	FIT-580001	HARVEST FILTR SKIDS HFIL-5801 & HFIL-5802 - FLOW TRANSM FROM TK COLLECT MANIF TO HFIL-5801 & 5802	-	-	-	-	-	-	7B-Z-0-2-23	- -	IP-SK-5800	2
263	2	FT-540101	40L BIOREACTOR, BRE-5401 VESSEL - FLOW TRANSMITTER FROM TP-5401-1 TO 320L BIOREACTOR	-	-	-	-	-	-	7B-Z-0-2-08	- -	IP-BRE-5401	2
264	2	ZSC-590101	4200L HARVEST TANK, TQ-5901 - CLOSED POSITION SENSOR ON TQ-5901	-	-	-	-	-	-	7B-Z-0-2-24	- -	IP-SK-5901/2B	2
265	2	FV-580001	HARVEST FILTR SKIDS HFIL-5801 & HFIL-5802 - CONTROL VALVE FROM TK COLLECT MANIF TO HFIL-5801 & 5802	-	-	-	-	-	-	7B-Z-0-2-23	- -	IP-SK-5800	2
266	2	FT-540101	40L BIOREACTOR, BRE-5401 VESSEL - FLOW TRANSMITTER FROM BPR-5401 TO BRE-5401	-	-	-	-	-	-	7B-Z-0-2-08	- -	IP-BRE-5401	2
267	2	FT-560101 (MASS)	FLOW TRANSMITTER	-	-	-	-	-	-	-	- -	-	4
268	2	PT-570201	3400L COLLECTION TANK, TQ-5702 - PRESSURE TRANSMITTER ON TQ-5702	-	-	-	-	-	-	7B-Z-0-2-22	- -	IP-SK-5701/2B	2
269	2	LT-570101	3400L COLLECTION TANK, TQ-5701 - LEVEL TRANSMITTER ON TQ-5701	-	-	-	-	-	-	7B-Z-0-2-21	- -	IP-SK-5701/2B	2
270	2	LT-570201	3400L COLLECTION TANK, TQ-5702 - LEVEL TRANSMITTER ON TQ-5702	-	-	-	-	-	-	7B-Z-0-2-22	- -	IP-SK-5701/2B	2
271	2	LSHH-540102	40L BIOREACTOR, BRE-5401 VESSEL - LEVEL SWITCH HIGH HIGH ON BRE-5401	-	-	-	-	-	-	7B-Z-0-2-08	- -	IP-BRE-5401	2
272	2	LSHH-550102	320L BIOREACTOR, BRE-5501 VESSEL - LEVEL SWITCH HIGH HIGH ON BRE-5501	-	-	-	-	-	-	7B-Z-0-2-10	- -	IP-SK-5501B	2
273	2	LSHH-560102	2500L BIOREACTOR, BRE-5601 VESSEL - LEVEL SWITCH HIGH HIGH ON BRE-5601	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601B	2
274	2	LSHH-560202	2500L BIOREACTOR, BRE-5602 VESSEL - LEVEL SWITCH HIGH HIGH ON BRE-5602	-	-	-	-	-	-	7B-Z-0-2-14	- -	IP-SK-5602B	2
275	2	LSHH-570102	3400L COLLECTION TANK, TQ-5701 - LEVEL SWITCH HIGH HIGH ON TQ-5701	-	-	-	-	-	-	7B-Z-0-2-21	- -	IP-SK-5701/2B	2
276	2	LSHH-570202	3400L COLLECTION TANK, TQ-5702 - LEVEL SWITCH HIGH HIGH ON TQ-5702	-	-	-	-	-	-	7B-Z-0-2-22	- -	IP-SK-5701/2B	2
277	2	LSHH-590101	4200L HARVEST TANK, TQ-5901 - LEVEL SWITCH HIGH HIGH ON TQ-5901	-	-	-	-	-	-	7B-Z-0-2-24	- -	IP-SK-5901/2B	2
278	2	LSHH-590201	4200L HARVEST TANK, TQ-5902 - LEVEL SWITCH HIGH HIGH ON TQ-5902	-	-	-	-	-	-	7B-Z-0-2-25	- -	IP-SK-5901/2B	2
279	2	LT-540101	40L BIOREACTOR, BRE-5401 VESSEL - LEVEL TRANSMITTER ON BRE-5401	-	-	-	-	-	-	7B-Z-0-2-08	- -	IP-BRE-5401	2
280	2	LT-590201	4200L HARVEST TANK, TQ-5902 - LEVEL TRANSMITTER ON TQ-5902	-	-	-	-	-	-	7B-Z-0-2-25	- -	IP-SK-5901/2B	2



[illegible]



					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-004		SHEET.: 18 de 70 REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS PANEL LAYOUT	REMOTE	NOTES
301	2	PT-550138	PRESSURE TRANSMITTER	-	-	-	-	-	-	-	-	-	4
302	2	PIT-560102	2500L BIOREACTOR, BRE-5601 VESSEL - PRESSURE TRANSM ON LINE BETWEEN FGA-5601-1 & BRE-5601	-	-	-	-	-	-	7B-Z-0-2-12	-	IP-SK-5601A	2
303	2	XA-750102	BIO-KILL SYSTEM COMMON ALARM	-	-	-	-	-	-	-	-	-	4
304	2	PIT-550102	320L BIOREACTOR, BRE-5501 VESSEL - PR TRANSMITTER ON LINE BETWEEN FGA-5501-1 & BRE-5501	-	-	-	-	-	-	7B-Z-0-2-10	-	IP-SK-5501A	2
305	2	PIT-550101	320L BIOREACTOR, BRE-5501 VESSEL - PRESSURE TRANSMITTER ON BRE-5501	-	-	-	-	-	-	7B-Z-0-2-10	-	IP-SK-5501B	2
306	2	SIC-BPR5312	40L BIOREACTOR, BRE-5401 VESSEL - SPEED CONTROL OF PUMP BPR-5312	-	-	-	-	-	-	7B-Z-0-2-08	-	IP-BRE-5401	2
307	2	SC-BPR5601	2500L BIOREACTOR, BRE-5601 VESSEL - SPEED CONTROL OF PUMP BPR-5601	-	-	-	-	-	-	7B-Z-0-2-12	-	IP-SK-5601B	2
308	2	SC-BPR5602	2500L BIOREACTOR, BRE-5602 VESSEL - SPEED CONTROL OF PUMP BPR-5602	-	-	-	-	-	-	7B-Z-0-2-14	-	IP-SK-5602B	2
309	2	SC-AG5902	4200L HARVEST TANK, TQ-5902 - SPEED CONTROL OF AGITATOR AG-5902	-	-	-	-	-	-	7B-Z-0-2-25	-	IP-SK-5901/2A	2
310	2	SC-AG5901	4200L HARVEST TANK, TQ-5901 - SPEED CONTROL OF AGITATOR AG-5901	-	-	-	-	-	-	7B-Z-0-2-24	-	IP-SK-5901/2A	2
311	2	SC-AG5401	40L BIOREACTOR, BRE-5401 VESSEL - SPEED CONTROL OF AGITATOR AG-5401	-	-	-	-	-	-	7B-Z-0-2-08	-	IP-BRE-5401	2
312	2	SC-AG5501	320L BIOREACTOR, BRE-5501 VESSEL - SPEED CONTROL OF AGITATOR AG-5501	-	-	-	-	-	-	7B-Z-0-2-10	-	IP-SK-5501B	2
313	2	SC-AG5601	2500L BIOREACTOR, BRE-5601 VESSEL - SPEED CONTROL OF AGITATOR AG-5601	-	-	-	-	-	-	7B-Z-0-2-12	-	IP-SK-5601B	2
314	2	SC-AG5602	2500L BIOREACTOR, BRE-5602 VESSEL - SPEED CONTROL OF AGITATOR AG-5602	-	-	-	-	-	-	7B-Z-0-2-14	-	IP-SK-5602B	2
315	2	TV-570117	CONTROL VALVE	-	-	-	-	-	-	-	-	-	4
316	2	TT-580004	HARVEST FILTR SKIDS HFIL-5801 & HFIL-5802 - TEMP TRANSMITTER ON STEAM TRAP T-580004	-	-	-	-	-	-	7B-Z-0-2-23	-	IP-SK-5800	2
317	2	TT-580006	HARVEST FILTR SKIDS HFIL-5801 & HFIL-5802 - TEMP TRANSMITTER ON STEAM TRAP T-580006	-	-	-	-	-	-	7B-Z-0-2-23	-	IP-SK-5800	2
318	2	TT-560159	2500L BIOREACTOR, BRE-5601 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-560159	-	-	-	-	-	-	7B-Z-0-2-12	-	IP-SK-5601A	2
319	2	TT-560102	2500L BIOREACTOR, BRE-5601 VESSEL - TEMP TRANSM ON THE LINE BETWEEN FGA-5601-2 & BRE-5601	-	-	-	-	-	-	7B-Z-0-2-12	-	IP-SK-5601A	2
320	2	TT-370211	BUFFER DOCKING LARGE - TEMPERATURE TRANSMITTER ON STEAM TRAP T-370211	1	-	-	-	-	-	7B-Z-0-2-39	7B-I-0-3-28 7B-I-0-3-06	CP-B2600-2	-




			 	TITLE: INPUT AND OUTPUT LIST - PCS 7B							DOC NR.: 569-DB7A-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-004		SHEET.: 19 de 70 REV.: 2	
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
321	2	TT-370213	BUFFER DOCKING LARGE - TEMPERATURE TRANSMITTER ON STEAM TRAP T-370213	1	-	-	-	-	-	7B-Z-0-2-39	7B-I-0-3-28 7B-I-0-3-06	CP-B2600-2	-	
322	2	TT-570101	3400L COLLECTION TANK, TQ-5701 - TEMPERATURE TRANSMITTER ON TQ-5701	-	-	-	-	-	-	7B-Z-0-2-21	-	IP-SK-5701/2B	2	
323	2	TT-540101	40L BIOREACTOR, BRE-5401 VESSEL - TEMPERATURE TRANSMITTER ON BRE-5401	-	-	-	-	-	-	7B-Z-0-2-08	-	IP-BRE-5401	2	
324	2	TT-540103	40L BIOREACTOR, BRE-5401 VESSEL - TEMP TRANSM ON LINE BETWEEN FGA-5401-2 & BRE-5401	-	-	-	-	-	-	7B-Z-0-2-08	-	IP-BRE-5401	2	
325	2	TT-540105	40L BIOREACTOR, BRE-5401 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-540105	-	-	-	-	-	-	7B-Z-0-2-08	-	IP-BRE-5401	2	
326	2	TT-540106	40L BIOREACTOR, BRE-5401 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-540106	-	-	-	-	-	-	7B-Z-0-2-08	-	IP-BRE-5401	2	
327	2	TT-540112	40L BIOREACTOR, BRE-5401 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-540112	-	-	-	-	-	-	7B-Z-0-2-08	-	IP-BRE-5401	2	
328	2	TT-540113	40L BIOREACTOR, BRE-5401 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-540113	-	-	-	-	-	-	7B-Z-0-2-08	-	IP-BRE-5401	2	
329	2	TT-540124	40L BIOREACTOR, BRE-5401 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-540124	-	-	-	-	-	-	7B-Z-0-2-08	-	IP-BRE-5401	2	
330	2	TT-540150	40L BIOREACTOR, BRE-5401 GAS MIX & JKT LOOP - TEMPERATURE TRANSMITTER ON TC-5401-1	-	-	-	-	-	-	7B-Z-0-2-09	-	IP-BRE-5401	2	
331	2	TT-550103	320L BIOREACTOR, BRE-5501 VESSEL - TEMP TRANSM ON LINE BETWEEN FGA-5501-1 & BRE-5501	-	-	-	-	-	-	7B-Z-0-2-10	-	IP-SK-5501B	2	
332	2	TT-550106	320L BIOREACTOR, BRE-5501 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-550106	-	-	-	-	-	-	7B-Z-0-2-10	-	IP-SK-5501B	2	
333	2	TT-550107	320L BIOREACTOR, BRE-5501 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-550107	-	-	-	-	-	-	7B-Z-0-2-10	-	IP-SK-5501A	2	
334	2	TT-550110	320L BIOREACTOR, BRE-5501 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-550110	-	-	-	-	-	-	7B-Z-0-2-10	-	IP-SK-5501A	2	
335	2	ZSC-570201	3400L COLLECTION TANK, TQ-5702 - CLOSED POSITION SENSOR ON TQ-5702	-	-	-	-	-	-	7B-Z-0-2-22	-	IP-SK-5701/2B	2	
336	2	TT-550112	320L BIOREACTOR, BRE-5501 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-550112	-	-	-	-	-	-	7B-Z-0-2-10	-	IP-SK-5501A	2	
337	2	TT-550113	320L BIOREACTOR, BRE-5501 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-550113	-	-	-	-	-	-	7B-Z-0-2-10	-	IP-SK-5501A	2	
338	2	TT-550124	320L BIOREACTOR, BRE-5501 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-550124	-	-	-	-	-	-	7B-Z-0-2-10	-	IP-SK-5501A	2	
339	2	TT-550150	320L BIOREACTOR, BRE-5501 GAS MIX & JKT LOOP - TEMPERATURE TRANSMITTER ON TC-5501-1	-	-	-	-	-	-	7B-Z-0-2-11	-	IP-SK-5501A	2	
340	2	TT-550101	320L BIOREACTOR, BRE-5501 VESSEL - TEMPERATURE TRANSMITTER ON BRE-5501	-	-	-	-	-	-	7B-Z-0-2-10	-	IP-SK-5501A	2	



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											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2	
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
341	2	TT-560101	2500L BIOREACTOR, BRE-5601 VESSEL - TEMP TRANSM ON BRE-5601 VESSEL	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601A	2	
342	2	TT-560103	2500L BIOREACTOR, BRE-5601 VESSEL - TEMPERATURE TRANSMITTER ON THE OUTLET OF TC-AG5601	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601B	2	
343	2	TT-560105	TEMPERATURE SENSOR AND TRANSMITTER	-	-	-	-	-	-	-	- -	-	4	
344	2	TT-560106	2500L BIOREACTOR, BRE-5601 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-560106	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601A	2	
345	2	TT-560107	2500L BIOREACTOR, BRE-5601 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-560107	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601A	2	
346	2	TT-560110	2500L BIOREACTOR, BRE-5601 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-560110	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601A	2	
347	2	TT-560111	2500L BIOREACTOR, BRE-5601 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-560111	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601A	2	
348	2	TT-560112	2500L BIOREACTOR, BRE-5601 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-560112	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601A	2	
349	2	TT-560113	2500L BIOREACTOR, BRE-5601 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-560113	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601A	2	
350	2	TT-560150	2500L BIOREACTOR, BRE-5601 GAS MIX & JKT LOOP - TEMPERATURE TRANSMITTER ON TC-5601-1 OUTLET	-	-	-	-	-	-	7B-Z-0-2-13	- -	IP-SK-5601A	2	
351	2	TT-560201	2500L BIOREACTOR, BRE-5602 VESSEL - TEMPERATURE TRANSMITTER ON BRE-5602	-	-	-	-	-	-	7B-Z-0-2-14	- -	IP-SK-5602A	2	
352	2	TT-560203	2500L BIOREACTOR, BRE-5602 VESSEL - TEMPERATURE TRANSMITTER ON THE OUTLET OF TC-AG5602	-	-	-	-	-	-	7B-Z-0-2-14	- -	IP-SK-5602B	2	
353	2	TT-560205	TEMPERATURE SENSOR AND TRANSMITTER	-	-	-	-	-	-	-	- -	-	4	
354	2	TT-560206	2500L BIOREACTOR, BRE-5602 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-560206	-	-	-	-	-	-	7B-Z-0-2-14	- -	IP-SK-5602A	2	
355	2	TT-560207	2500L BIOREACTOR, BRE-5602 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-560207	-	-	-	-	-	-	7B-Z-0-2-14	- -	IP-SK-5602A	2	
356	2	TT-560210	2500L BIOREACTOR, BRE-5602 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-560210	-	-	-	-	-	-	7B-Z-0-2-14	- -	IP-SK-5602A	2	
357	2	TT-560211	2500L BIOREACTOR, BRE-5602 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-560211	-	-	-	-	-	-	7B-Z-0-2-14	- -	IP-SK-5602A	2	
358	2	TT-560212	2500L BIOREACTOR, BRE-5602 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-560212	-	-	-	-	-	-	7B-Z-0-2-14	- -	IP-SK-5602A	2	
359	2	TT-560213	2500L BIOREACTOR, BRE-5602 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-560213	-	-	-	-	-	-	7B-Z-0-2-14	- -	IP-SK-5602A	2	
360	2	TT-560250	2500L BIOREACTOR, BRE-5602 GAS MIX & JKT LOOP - TEMPERATURE TRANSMITTER ON TC-5602-1 OUTLET	-	-	-	-	-	-	7B-Z-0-2-15	- -	IP-SK-5602A	2	



			 	TITLE: INPUT AND OUTPUT LIST - PCS 7B							DOC NR.: 569-DB7A-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-004		SHEET.: 21 de 70 REV.: 2	
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
361	2	TT-570103	3400L COLLECTION TANK, TQ-5701 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-570103	-	-	-	-	-	-	7B-Z-0-2-21	- -	IP-SK-5701/2B	2	
362	2	TT-570208	TEMPERATURE SENSOR AND TRANSMITTER	-	-	-	-	-	-	-	- -	-	4	
363	2	TT-570124	COLLECTION VESSEL FEED PIPING DISTRIBUTION - TEMPERATURE TRANSMITTER ON STEAM TRAP T-570124	-	-	-	-	-	-	7B-Z-0-2-20	- -	IP-SK-5701/2B	2	
364	2	TT-570124	TEMPERATURE SENSOR AND TRANSMITTER	-	-	-	-	-	-	-	- -	-	4	
365	2	TT-570125	COLLECTION VESSEL FEED PIPING DISTRIBUTION - TEMPERATURE TRANSMITTER ON STEAM TRAP T-570125	-	-	-	-	-	-	7B-Z-0-2-20	- -	IP-SK-5701/2B	2	
366	2	TT-570204	3400L COLLECTION TANK, TQ-5702 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-570204	-	-	-	-	-	-	7B-Z-0-2-22	- -	IP-SK-5701/2B	2	
367	2	TT-570201	3400L COLLECTION TANK, TQ-5702 - TEMPERATURE TRANSMITTER ON TQ-5702	-	-	-	-	-	-	7B-Z-0-2-22	- -	IP-SK-5701/2B	2	
368	2	TT-570207	3400L COLLECTION TANK, TQ-5702 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-570207	-	-	-	-	-	-	7B-Z-0-2-22	- -	IP-SK-5701/2B	2	
369	2	TT-570217	TEMPERATURE SENSOR AND TRANSMITTER	-	-	-	-	-	-	-	- -	-	4	
370	2	TT-570206	TEMPERATURE SENSOR AND TRANSMITTER	-	-	-	-	-	-	-	- -	-	4	
371	2	TT-570224	COLLECTION VESSEL FEED PIPING DISTRIBUTION - TEMPERATURE TRANSMITTER ON STEAM TRAP T-570224	-	-	-	-	-	-	7B-Z-0-2-20	- -	IP-SK-5701/2B	2	
372	2	TT-570225	COLLECTION VESSEL FEED PIPING DISTRIBUTION - TEMPERATURE TRANSMITTER ON STEAM TRAP T-570225	-	-	-	-	-	-	7B-Z-0-2-20	- -	IP-SK-5701/2B	2	
373	2	TT-570226	TEMPERATURE SENSOR AND TRANSMITTER	-	-	-	-	-	-	-	- -	-	4	
374	2	TT-580101	HARVEST FILTR SKIDS HFIL-5801 & HFIL-5802 - TEMP TRANSMITTER ON STEAM TRAP T-580101	-	-	-	-	-	-	7B-Z-0-2-23	- -	IP-SK-5800	2	
375	2	TT-580110	HARVEST FILTR SKIDS HFIL-5801 & HFIL-5802 - TEMP TRANSMITTER ON STEAM TRAP T-580110	-	-	-	-	-	-	7B-Z-0-2-23	- -	IP-SK-5800	2	
376	2	TT-580201	HARVEST FILTR SKIDS HFIL-5801 & HFIL-5802 - TEMP TRANSMITTER ON STEAM TRAP T-580201	-	-	-	-	-	-	7B-Z-0-2-23	- -	IP-SK-5800	2	
377	2	TT-580210	TEMPERATURE SENSOR AND TRANSMITTER	-	-	-	-	-	-	-	- -	-	4	
378	2	TT-590101	4200L HARVEST TANK, TQ-5901 - TEMPERATURE TRANSMITTER ON TQ-5901	-	-	-	-	-	-	7B-Z-0-2-24	- -	IP-SK-5901/2A	2	
379	2	TT-590102	4200L HARVEST TANK, TQ-5901 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-590102	-	-	-	-	-	-	7B-Z-0-2-24	- -	IP-SK-5901/2A	2	
380	2	TT-590107	4200L HARVEST TANK, TQ-5901 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-590107	-	-	-	-	-	-	7B-Z-0-2-24	- -	IP-SK-5901/2A	2	



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ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
381	2	TT-590115	4200L HARVEST TANK, TQ-5901 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-590115	-	-	-	-	-	-	7B-Z-0-2-24	- -	IP-SK-5901/2A	2	
382	2	TT-590224	4200L HARVEST TANK, TQ-5901 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-590204	-	-	-	-	-	-	7B-Z-0-2-24	- -	IP-SK-5901/2A	2	
383	2	TT-590201	4200L HARVEST TANK, TQ-5902 - TEMPERATURE TRANSMITTER ON TQ-5902	-	-	-	-	-	-	7B-Z-0-2-25	- -	IP-SK-5901/2A	2	
384	2	TT-590202	4200L HARVEST TANK, TQ-5902 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-590202	-	-	-	-	-	-	7B-Z-0-2-25	- -	IP-SK-5901/2A	2	
385	2	TT-590207	4200L HARVEST TANK, TQ-5902 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-590207	-	-	-	-	-	-	7B-Z-0-2-25	- -	IP-SK-5901/2A	2	
386	2	TT-590215	4200L HARVEST TANK, TQ-5902 - TEMPERATURE TRANSMITTER ON STEAM TRAP T-590215	-	-	-	-	-	-	7B-Z-0-2-25	- -	IP-SK-5901/2A	2	
387	2	TT-590224	TEMPERATURE SENSOR AND TRANSMITTER	-	-	-	-	-	-	-	- -	-	4	
388	2	TT-540110	40L BIOREACTOR, BRE-5401 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-540110	-	-	-	-	-	-	7B-Z-0-2-08	- -	IP-BRE-5401	2	
389	2	TT-540132	TEMPERATURE SENSOR AND TRANSMITTER	-	-	-	-	-	-	-	- -	-	4	
390	2	TT-540122	40L BIOREACTOR, BRE-5401 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-540122	-	-	-	-	-	-	7B-Z-0-2-08	- -	IP-BRE-5401	2	
391	2	TV-540150	40L BIOREACTOR, BRE-5401 GAS MIX & JKT LOOP - TEMPERATURE TRANSMITTER ON BC-5401-1C SUCTION	-	-	-	-	-	-	7B-Z-0-2-09	- -	IP-BRE-5401	2	
392	2	TV-550150	320L BIOREACTOR, BRE-5501 GAS MIX & JKT LOOP - TEMPERATURE TRANSMITTER ON BC-5501-1C SUCTION	-	-	-	-	-	-	7B-Z-0-2-11	- -	IP-SK-5501A	2	
393	2	TV-560132	CONTROL VALVE	-	-	-	-	-	-	-	- -	-	4	
394	2	TV-560150C	2500L BIOREACTOR, BRE-5601 GAS MIX & JKT LOOP - COLD CONTROL VALVE FOR TC-5601-1	-	-	-	-	-	-	7B-Z-0-2-13	- -	IP-SK-5601A	2	
395	2	TV-560150H	2500L BIOREACTOR, BRE-5601 GAS MIX & JKT LOOP - HEAT CONTROL VALVE FOR TC-5601-1	-	-	-	-	-	-	7B-Z-0-2-13	- -	IP-SK-5601A	2	
396	2	TV-560250C	2500L BIOREACTOR, BRE-5602 GAS MIX & JKT LOOP - COLD CONTROL VALVE FOR TC-5602-1	-	-	-	-	-	-	7B-Z-0-2-15	- -	IP-SK-5602A	2	
397	2	TV-560250H	2500L BIOREACTOR, BRE-5602 GAS MIX & JKT LOOP - HEAT CONTROL VALVE FOR TC-5602-1	-	-	-	-	-	-	7B-Z-0-2-15	- -	IP-SK-5602A	2	
398	2	TT-560202	2500L BIOREACTOR, BRE-5602 VESSEL - TEMP TRANSM ON THE LINE BETWEEN FGA-5602-2 & BRE-5602	-	-	-	-	-	-	7B-Z-0-2-14	- -	IP-SK-5602B	2	
399	2	TT-560259	2500L BIOREACTOR, BRE-5602 VESSEL - TEMPERATURE TRANSMITTER ON STEAM TRAP T-560259	-	-	-	-	-	-	7B-Z-0-2-14	- -	IP-SK-5602A	2	
400	2	ZSC-560101	2500L BIOREACTOR, BRE-5601 VESSEL - CLOSED POSITION SENSOR ON BRE-5601	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601B	2	



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ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
401	2	ZX-540101	40L BIOREACTOR, BRE-5401 VESSEL - POSITION SENSOR ON TP-5401-1	-	-	-	-	-	-	7B-Z-0-2-08	- -	IP-BRE-5401	2	
402	2	ZX-540102	40L BIOREACTOR, BRE-5401 VESSEL - POSITION SENSOR ON TP-5401-1	-	-	-	-	-	-	7B-Z-0-2-08	- -	IP-BRE-5401	2	
403	2	ZX-540103	40L BIOREACTOR, BRE-5401 VESSEL - POSITION SENSOR ON TP-5401-1	-	-	-	-	-	-	7B-Z-0-2-08	- -	IP-BRE-5401	2	
404	2	ZX-550101	320L BIOREACTOR, BRE-5501 VESSEL - POSITION SENSOR ON TP-5501-1	-	-	-	-	-	-	7B-Z-0-2-10	- -	IP-SK-5501A	2	
405	2	ZX-550102	320L BIOREACTOR, BRE-5501 VESSEL - POSITION SENSOR ON TP-5501-1	-	-	-	-	-	-	7B-Z-0-2-10	- -	IP-SK-5501A	2	
406	2	ZX-550103	320L BIOREACTOR, BRE-5501 VESSEL - POSITION SENSOR ON TP-5501-1	-	-	-	-	-	-	7B-Z-0-2-10	- -	IP-SK-5501A	2	
407	2	ZX-560101	2500L BIOREACTOR, BRE-5601 VESSEL - POSITION SENSOR ON TP-5601-1	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601A	2	
408	2	ZX-560102	2500L BIOREACTOR, BRE-5601 VESSEL - POSITION SENSOR ON TP-5601-1	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601A	2	
409	2	ZX-560103	2500L BIOREACTOR, BRE-5601 VESSEL - POSITION SENSOR ON TP-5601-1	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601A	2	
410	2	ZX-560106	2500L BIOREACTOR, BRE-5601 VESSEL - POSITION SENSOR ON TP-5601-1	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601A	2	
411	2	ZX-560104	2500L BIOREACTOR, BRE-5601 VESSEL - POSITION SENSOR ON TP-5601-1	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601A	2	
412	2	ZX-560105	2500L BIOREACTOR, BRE-5601 VESSEL - POSITION SENSOR ON TP-5601-1	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601A	2	
413	2	ZX-560107	2500L BIOREACTOR, BRE-5601 VESSEL - POSITION SENSOR ON TP-5601-1	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601A	2	
414	2	ZX-560117	2500L BIOREACTOR, BRE-5601 VESSEL - POSITION SENSOR ON TP-5601-1	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601A	2	
415	2	ZX-560108	2500L BIOREACTOR, BRE-5601 VESSEL - POSITION SENSOR ON TP-5601-2	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601B	2	
416	2	ZX-560109	2500L BIOREACTOR, BRE-5601 VESSEL - POSITION SENSOR ON TP-5601-2	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601B	2	
417	2	ZX-560110	2500L BIOREACTOR, BRE-5601 VESSEL - POSITION SENSOR ON TP-5601-2	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601B	2	
418	2	ZX-560111	2500L BIOREACTOR, BRE-5601 VESSEL - POSITION SENSOR ON TP-5601-2	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601B	2	
419	2	ZX-560112	2500L BIOREACTOR, BRE-5601 VESSEL - POSITION SENSOR ON TP-5601-2	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601B	2	
420	2	ZX-560113	2500L BIOREACTOR, BRE-5601 VESSEL - POSITION SENSOR ON TP-5601-4	-	-	-	-	-	-	7B-Z-0-2-12	- -	IP-SK-5601B	2	



			 		TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-004		SHEET.: 24 de 70 REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS PANEL LAYOUT	REMOTE	NOTES
421	2	ZX-560114	2500L BIOREACTOR, BRE-5601 VESSEL - POSITION SENSOR ON TP-5601-4	-	-	-	-	-	-	7B-Z-0-2-12	-	IP-SK-5601B	2
422	2	ZX-560116	2500L BIOREACTOR, BRE-5601 VESSEL - POSITION SENSOR ON TP-5601-2	-	-	-	-	-	-	7B-Z-0-2-12	-	IP-SK-5601B	2
423	2	ZX-560213	2500L BIOREACTOR, BRE-5602 VESSEL - POSITION SENSOR ON TP-5602-4	-	-	-	-	-	-	7B-Z-0-2-14	-	IP-SK-5602B	2
424	2	ZX-560214	2500L BIOREACTOR, BRE-5602 VESSEL - POSITION SENSOR ON TP-5602-4	-	-	-	-	-	-	7B-Z-0-2-14	-	IP-SK-5602B	2
425	2	TV-570217	CONTROL VALVE	-	-	-	-	-	-	-	-	-	4
426	2	ZX-570101	3400L COLLECTION TANK, TQ-5701 - POSITION SENSOR ON TP-5701/2	-	-	-	-	-	-	7B-Z-0-2-21	-	IP-SK-5701/2B	2
427	2	ZX-570201	3400L COLLECTION TANK, TQ-5701 - POSITION SENSOR ON TP-5701/2	-	-	-	-	-	-	7B-Z-0-2-21	-	IP-SK-5701/2B	2
428	2	ZX-580001	HARVEST FILTR SKIDS HFIL-5801 & HFIL-5802 - POSITION SENSOR ON TP-5800-1	-	-	-	-	-	-	7B-Z-0-2-23	-	IP-SK-5800	2
429	2	ZX-580002	HARVEST FILTR SKIDS HFIL-5801 & HFIL-5802 - POSITION SENSOR ON TP-5800-1	-	-	-	-	-	-	7B-Z-0-2-23	-	IP-SK-5800	2
430	2	ZX-580003	HARVEST FILTR SKIDS HFIL-5801 & HFIL-5802 - POSITION SENSOR ON TP-5800-1	-	-	-	-	-	-	7B-Z-0-2-23	-	IP-SK-5800	2
431	2	ZX-580004	HARVEST FILTR SKIDS HFIL-5801 & HFIL-5802 - POSITION SENSOR ON TP-5800-1	-	-	-	-	-	-	7B-Z-0-2-23	-	IP-SK-5800	2
432	2	ZX-580005	HARVEST FILTR SKIDS HFIL-5801 & HFIL-5802 - POSITION SENSOR ON TP-5800-1	-	-	-	-	-	-	7B-Z-0-2-23	-	IP-SK-5800	2
433	2	ZX-580010	HARVEST FILTR SKIDS HFIL-5801 & HFIL-5802 - POSITION SENSOR ON TP-5800-2	-	-	-	-	-	-	7B-Z-0-2-23	-	IP-SK-5800	2
434	2	ZX-590101	4200L HARVEST TANK, TQ-5901 - POSITION SENSOR ON TP-5901/2	-	-	-	-	-	-	7B-Z-0-2-24	-	IP-SK-5901/2A	2
435	2	ZX-590102	4200L HARVEST TANK, TQ-5901 - POSITION SENSOR ON TP-5901/2	-	-	-	-	-	-	7B-Z-0-2-24	-	IP-SK-5901/2A	2
436	2	ZX-590103	4200L HARVEST TANK, TQ-5901 - POSITION SENSOR ON TP-5901/2	-	-	-	-	-	-	7B-Z-0-2-24	-	IP-SK-5901/2A	2
437	2	ZX-590201	4200L HARVEST TANK, TQ-5901 - POSITION SENSOR ON TP-5901/2	-	-	-	-	-	-	7B-Z-0-2-24	-	IP-SK-5901/2A	2
438	2	ZX-590202	4200L HARVEST TANK, TQ-5901 - POSITION SENSOR ON TP-5901/2	-	-	-	-	-	-	7B-Z-0-2-24	-	IP-SK-5901/2A	2
439	2	PIT-590201	4200L HARVEST TANK, TQ-5902 - PRESSURE TRANSMITTER ON TQ-5902	-	-	-	-	-	-	7B-Z-0-2-25	-	IP-SK-5901/2B	2
440	2	ZSC-590201	4200L HARVEST TANK, TQ-5902 - CLOSED POSITION SENSOR ON TQ-5902	-	-	-	-	-	-	7B-Z-0-2-25	-	IP-SK-5901/2B	2
441	2	ZX-590204	POSITION SENSOR	-	-	-	-	-	-	-	-	-	4
442	2	ZX-590205	POSITION SENSOR	-	-	-	-	-	-	-	-	-	4
443	2	ZSC-560201	2500L BIOREACTOR, BRE-5602 VESSEL - CLOSED POSITION SENSOR ON BRE-5602	-	-	-	-	-	-	7B-Z-0-2-14	-	IP-SK-5602B	2
444	2	ZSC-570101	3400L COLLECTION TANK, TQ-5701 - CLOSED POSITION SENSOR ON TQ-5701	-	-	-	-	-	-	7B-Z-0-2-21	-	IP-SK-5701/2B	2
445				2	0	1	0						
446			TOTAL I/O ON CP-B2600-2	AI	AO	DI	DO						

				TITLE: INPUT AND OUTPUT LIST - PCS 7B							DOC NR.: 569-DB7A-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-004		SHEET.: 25 de 70 REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
447	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
448	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
449	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
450	2	CT-770101	CIP SYSTEM CIP-7701 MEDIA & FERM AREA - CONDUCTIVITY TRASMITTER	-	-	-	-	-	-	7B-Z-0-2-43	-	IP-CIP-7701	2
451	2	CT-770102	CIP SYSTEM CIP-7701 MEDIA & FERM AREA - CONDUCTIVITY TRASMITTER	-	-	-	-	-	-	7B-Z-0-2-43	-	IP-CIP-7701	2
452	2	CT-770301	CIP SYSTEM CIP-7703 BUFFER AREA - CONDUCTIVITY TRASMITTER	-	-	-	-	-	-	7B-Z-0-2-49	-	IP-CIP-7703	2
453	2	CT-770302	CIP SYSTEM CIP-7703 BUFFER AREA - CONDUCTIVITY TRASMITTER	-	-	-	-	-	-	7B-Z-0-2-49	-	IP-CIP-7703	2
454	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
455	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
456	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
457	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
458	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
459	2	FS-BC7701-2	CIP SYSTEM CIP-7701 MEDIA & FERM AREA - FLOW SWITCH	-	-	-	-	-	-	7B-Z-0-2-43	-	IP-CIP-7701	2
460	2	FS-BC7703-2	CIP SYSTEM CIP-7703 BUFFER AREA - FLOW SWITCH	-	-	-	-	-	-	7B-Z-0-2-49	-	IP-CIP-7703	2
461	2	FT-770101	CIP SYSTEM CIP-7701 MEDIA & FERM AREA - FLOW TRANSMITTER	-	-	-	-	-	-	7B-Z-0-2-43	-	IP-CIP-7701	2
462	2	FT-770301	CIP SYSTEM CIP-7703 BUFFER AREA - FLOW TRANSMITTER	-	-	-	-	-	-	7B-Z-0-2-49	-	IP-CIP-7703	2



					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-004		SHEET.: 26 de 70 REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS PANEL LAYOUT	REMOTE	NOTES
463	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
464	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
465	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
466	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
467	2	LSH-430101	CIP CLEANING CHEMICAL STORAGE AND DIST - LEVEL SWITCH HIGH	-	-	-	-	-	-	7B-Z-0-2-52	-	-	4
468	2	LSH-430102	CIP CLEANING CHEMICAL STORAGE AND DIST - LEVEL SWITCH HIGH	-	-	-	-	-	-	7B-Z-0-2-52	-	-	4
469	2	LSH-460101	LEVEL SWITCH HIGH	-	-	-	-	-	-	-	-	-	4
470	2	LSH-770103	CIP SYSTEM CIP-7701 MEDIA & FERM AREA - LEVEL SWITCH HIGH	-	-	-	-	-	-	7B-Z-0-2-43	-	IP-CIP-7701	2
471	2	LSH-770303	CIP SYSTEM CIP-7703 BUFFER AREA - LEVEL SWITCH HIGH	-	-	-	-	-	-	7B-Z-0-2-49	-	IP-CIP-7703	2
472	2	LSHH-770102	CIP SYSTEM CIP-7701 MEDIA & FERM AREA - LEVEL SWITCH HIGH HIGH	-	-	-	-	-	-	7B-Z-0-2-43	-	IP-CIP-7701	2
473	2	LSHH-770302	CIP SYSTEM CIP-7703 BUFFER AREA - LEVEL SWITCH HIGH HIGH	-	-	-	-	-	-	7B-Z-0-2-49	-	IP-CIP-7703	2
474	2	LSH-XXXXXX	LEVEL SWITCH HIGH	-	-	-	-	-	-	-	-	-	4
475	2	LSL-330001	MAB LOADING FILTER CFIL-3300 - LEVEL SWITCH LOW	-	-	-	-	-	-	7B-Z-0-2-26	-	IP-CFIL-3300	2
476	2	LSL-430001	CIP CLEANING CHEMICAL STORAGE AND DIST - LEVEL SWITCH LOW	-	-	-	-	-	-	7B-Z-0-2-52	-	IP-CIP-7701	2
477	2	LSL-460101	LEVEL SWITCH LOW	-	-	-	-	-	-	-	-	-	4
478	2	LSL-770103	CIP SYSTEM CIP-7701 MEDIA & FERM AREA - LEVEL SWITCH LOW	-	-	-	-	-	-	7B-Z-0-2-43	-	IP-CIP-7701	2
479	2	LSL-770303	CIP SYSTEM CIP-7703 BUFFER AREA - LEVEL SWITCH LOW	-	-	-	-	-	-	7B-Z-0-2-49	-	IP-CIP-7703	2
480	2	LT-XXXXX	LEVEL TRANSMITTER	-	-	-	-	-	-	-	-	-	4
481	2	LT-770301	CIP SYSTEM CIP-7703 BUFFER AREA - LEVEL TRANSMITTER	-	-	-	-	-	-	7B-Z-0-2-49	-	IP-CIP-7703	2



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ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
482	2	LT-770101	CIP SYSTEM CIP-7701 MEDIA & FERM AREA - LEVEL TRANSMITTER	-	-	-	-	-	-	7B-Z-0-2-43	- -	IP-CIP-7701	2
483	2	LT-770301L	LEVEL TRANSMITTER	-	-	-	-	-	-	-	- -	-	4
484	2	LT-770101H	LEVEL TRANSMITTER	-	-	-	-	-	-	-	- -	-	4
485	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-
486	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-
487	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-
488	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-
489	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-
490	2	PSL/H-770101	CIP SYSTEM CIP-7701 MEDIA & FERM AREA - PRESSURE SWITCH LOW / HIGH ON RUPTURE DISK PSE-770101	-	-	-	-	-	-	7B-Z-0-2-43	- -	IP-CIP-7701	2
491	2	PSL/H-770301	CIP SYSTEM CIP-7703 BUFFER AREA - PRESSURE SWITCH LOW / HIGH ON RUPTURE DISK PSE-770301	-	-	-	-	-	-	7B-Z-0-2-49	- -	IP-CIP-7703	2
492	2	PSL-430001	CIP CLEANING CHEMICAL STORAGE AND DIST - PRESSURE SWITCH LOW	-	-	1	-	-	-	7B-Z-0-2-52	7B-I-0-3-29 7B-I-0-3-06	CP-B2600-3	-
493	2	PSL-430002	CIP CLEANING CHEMICAL STORAGE AND DIST - PRESSURE SWITCH LOW	-	-	1	-	-	-	7B-Z-0-2-52	7B-I-0-3-29 7B-I-0-3-06	CP-B2600-3	-
494	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-
495	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-
496	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-
497	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-
498	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-
499	2	SC-AG3402	MAB CHROMATOGRAPHY CRM-3401 - SPEED CONTROL OF AGITATOR AG-3402	-	-	-	-	-	-	7B-Z-0-2-27	- -	-	4
500	2	SC-AG3403	MAB CHROMATOGRAPHY CRM-3402 - SPEED CONTROL OF AGITATOR AG-3403	-	-	-	-	-	-	7B-Z-0-2-28	- -	-	4



				TITLE: INPUT AND OUTPUT LIST - PCS 7B							DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 28 de 70	
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2	
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
501	2	SC-AG3404	CATION EXCHANGE CHROM CRM-3501 - SPEED CONTROL OF AGITATOR AG-3404	-	-	-	-	-	-	7B-Z-0-2-29	- -	IP-CRM-3501	2	
502	2	SC-BC7702-2	CIP SYSTEM CIP-7703 BUFFER AREA - SPEED CONTROL OF PUMP BC-7702-2	-	-	-	-	-	-	7B-Z-0-2-49	- -	IP-CIP-7703	2	
503	2	SC-BC7703-1	CIP SYSTEM CIP-7703 BUFFER AREA - SPEED CONTROL OF PUMP BC-7703-1	-	-	-	-	-	-	7B-Z-0-2-49	- -	IP-CIP-7703	2	
504	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-	
505	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-	
506	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-	
507	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-	
508	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-	
509	2	TT-330004	MAB LOADING FILTER CFIL-3300 - TEMPERATURE TRANSMITTER	-	-	-	-	-	-	7B-Z-0-2-26	- -	IP-CFIL-3300	2	
510	2	TT-330006	MAB LOADING FILTER CFIL-3300 - TEMPERATURE TRANSMITTER	-	-	-	-	-	-	7B-Z-0-2-26	- -	IP-CFIL-3300	2	
511	2	TT-330013	MAB CHROMATOGRAPHY CRM-3401 - TEMPERATURE TRANSMITTER	1	-	-	-	-	-	7B-Z-0-2-27	7B-I-0-3-29 7B-I-0-3-06	CP-B2600-3	-	
512	2	TT-3401201	TEMPERATURE SENSOR AND TRANSMITTER	-	-	-	-	-	-	-	- -	-	4	
513	2	TT-330014	MAB CHROMATOGRAPHY CRM-3402 - TEMPERATURE TRANSMITTER	1	-	-	-	-	-	7B-Z-0-2-28	7B-I-0-3-29 7B-I-0-3-06	CP-B2600-3	-	
514	2	TT-340301	TEMPERATURE SENSOR AND TRANSMITTER	-	-	-	-	-	-	-	- -	-	4	
515	2	TT-340401	TEMPERATURE SENSOR AND TRANSMITTER	-	-	-	-	-	-	-	- -	-	4	
516	2	TT-770101	CIP SYSTEM CIP-7701 MEDIA & FERM AREA - TEMPERATURE TRANSMITTER	-	-	-	-	-	-	7B-Z-0-2-43	- -	IP-CIP-7701	2	
517	2	TT-770102	CIP SYSTEM CIP-7701 MEDIA & FERM AREA - TEMPERATURE TRANSMITTER	-	-	-	-	-	-	7B-Z-0-2-43	- -	IP-CIP-7701	2	
518	2	TT-770103	CIP SYSTEM CIP-7701 MEDIA & FERM AREA - TEMPERATURE TRANSMITTER	-	-	-	-	-	-	7B-Z-0-2-43	- -	IP-CIP-7701	2	
519	2	TT-770301	CIP SYSTEM CIP-7703 BUFFER AREA - TEMPERATURE TRANSMITTER	-	-	-	-	-	-	7B-Z-0-2-49	- -	IP-CIP-7703	2	
520	2	TT-770302	CIP SYSTEM CIP-7703 BUFFER AREA - TEMPERATURE TRANSMITTER	-	-	-	-	-	-	7B-Z-0-2-49	- -	IP-CIP-7703	2	
521	2	TT-770303	CIP SYSTEM CIP-7703 BUFFER AREA - TEMPERATURE TRANSMITTER	-	-	-	-	-	-	7B-Z-0-2-49	- -	IP-CIP-7703	2	
522	2	TV-770102	CIP SYSTEM CIP-7701 MEDIA & FERM AREA - CONTROL VALVE	-	-	-	-	-	-	7B-Z-0-2-43	- -	IP-CIP-7701	2	
523	2	TV-770302	CIP SYSTEM CIP-7703 BUFFER AREA - CONTROL VALVE	-	-	-	-	-	-	7B-Z-0-2-49	- -	IP-CIP-7703	2	



					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-004		SHEET.: 29 de 70 REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS PANEL LAYOUT	REMOTE	NOTES
524	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
525	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
526	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
527	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
528	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
529	2	WE/WIT-340101	MAB CHROMATOGRAPHY CRM-3401 - WEIGHT TRANSMITTER ON BLC-3401	-	-	-	-	-	-	7B-Z-0-2-27	-	IP-CRM-3401	2
530	2	WE/WIT-340201	MAB CHROMATOGRAPHY CRM-3402 - WEIGHT TRANSMITTER ON BLC-3402	-	-	-	-	-	-	7B-Z-0-2-28	-	-	4
531	2	WE/WT-350101	CATION EXCHANGE CHROM CRM-3501 - WEIGHT TRANSMITTER ON BLC-3501	-	-	-	-	-	-	7B-Z-0-2-29	-	IP-CRM-3501	2
532	2	WE/WT-350101	SOLVENT INACTIVATION - WEIGHT TRANSMITTER ON BLC-3503	-	-	-	-	-	-	7B-Z-0-2-30	-	-	4
533	2	WE/WT-350201	SOLVENT INACTIVATION - WEIGHT TRANSMITTER ON BLC-3504	-	-	-	-	-	-	7B-Z-0-2-30	-	IP-CRM-3501	2
534	2	WE/WT-360101	ANION EXCHANGE CHROM CRM-3601 - WEIGHT TRANSMITTER ON BLC-3601	-	-	-	-	-	-	7B-Z-0-2-31	-	IP-CRM-3601	2
535	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
536	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
537	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
538	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
539	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
540	2	ZX-330001	MAB LOADING FILTER CFIL-3300 - POSITION SENSOR ON TP-3300-1	-	-	-	-	-	-	7B-Z-0-2-26	-	IP-CFIL-3300	2
541	2	ZX-330002	MAB LOADING FILTER CFIL-3300 - POSITION SENSOR ON TP-3300-1	-	-	-	-	-	-	7B-Z-0-2-26	-	IP-CFIL-3300	2
542	2	ZX-770101	POSITION SENSOR	-	-	-	-	-	-	-	-	-	4
543	2	ZX-770101	POSITION SENSOR	-	-	-	-	-	-	-	-	-	4
544	2	ZX-770102	POSITION SENSOR	-	-	-	-	-	-	-	-	-	4
545	2	ZX-770105	POSITION SENSOR	-	-	-	-	-	-	-	-	-	4
546	2	SPARE	-	-	-	-	-	-	-	-	-	-	-
547				2	0	2	0						
548			TOTAL I/O ON CP-B2600-3	AI	AO	DI	DO						



[illegible]



					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 31 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
571	2	SV-750108	SOLENOID VALVE RELATED TO XV-750108	-	-	-	-	-	-	-	-	-	4
572	2	SV-750109	SOLENOID VALVE RELATED TO XV-750109	-	-	-	-	-	-	-	-	-	4
573	2	SV-750110	SOLENOID VALVE RELATED TO XV-750110	-	-	-	-	-	-	-	-	-	4
574	2	SV-750115	SOLENOID VALVE RELATED TO XV-750115	-	-	-	-	-	-	-	-	-	4
575	2	SV-750116	SOLENOID VALVE RELATED TO XV-750116	-	-	-	-	-	-	-	-	-	4
576	2	SV-750117	SOLENOID VALVE RELATED TO XV-750117	-	-	-	-	-	-	-	-	-	4
577	2	SV-750121	SOLENOID VALVE RELATED TO XV-750121	-	-	-	-	-	-	-	-	-	4
578	2	SV-750122	SOLENOID VALVE RELATED TO XV-750122	-	-	-	-	-	-	-	-	-	4
579	2	SV-750123	SOLENOID VALVE RELATED TO XV-750123	-	-	-	-	-	-	-	-	-	4
580	2	SV-750124	SOLENOID VALVE RELATED TO XV-750124	-	-	-	-	-	-	-	-	-	4
581	2	SV-770101	SOLENOID VALVE RELATED TO XV-770101	-	-	-	-	-	-	7B-Z-0-2-43	-	SVP-B1031-01	-
582	2	SV-770103	SOLENOID VALVE RELATED TO XV-770103	-	-	-	-	-	-	7B-Z-0-2-43	-	REMOTE SVP	-
583	2	SV-770104	SOLENOID VALVE RELATED TO XV-770104	-	-	-	-	-	-	7B-Z-0-2-43	-	REMOTE SVP	-
584	2	SV-770105	SOLENOID VALVE RELATED TO XV-770105	-	-	-	-	-	-	7B-Z-0-2-43	-	REMOTE SVP	-
585	2	SV-770106	SOLENOID VALVE RELATED TO XV-770106	-	-	-	-	-	-	7B-Z-0-2-43	-	REMOTE SVP	-
586	2	SV-770107	SOLENOID VALVE RELATED TO XV-770107	-	-	-	-	-	-	7B-Z-0-2-43	-	REMOTE SVP	-
587	2	SV-770108	SOLENOID VALVE RELATED TO XV-770108	-	-	-	-	-	-	7B-Z-0-2-43	-	REMOTE SVP	-
588	2	SV-770109	SOLENOID VALVE RELATED TO XV-770109	-	-	-	-	-	-	7B-Z-0-2-43	-	REMOTE SVP	-
589	2	SV-770110	SOLENOID VALVE RELATED TO XV-770110	-	-	-	-	-	-	7B-Z-0-2-43	-	REMOTE SVP	-
590	2	SV-770111	SOLENOID VALVE RELATED TO XV-770111	-	-	-	-	-	-	7B-Z-0-2-43	-	REMOTE SVP	-



				TITLE: INPUT AND OUTPUT LIST - PCS 7B							DOC NR.: 569-DB7A-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-004		SHEET.: 32 de 70 REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
591	2	SV-770118	SOLENOID VALVE RELATED TO XV-770118	-	-	-	-	-	1	7B-Z-0-2-44	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
592	2	SV-770119	SOLENOID VALVE RELATED TO XV-770119	-	-	-	-	-	1	7B-Z-0-2-44	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
593	2	SV-770120	SOLENOID VALVE RELATED TO XV-770120	-	-	-	-	-	1	7B-Z-0-2-44	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
594	2	SV-770121	SOLENOID VALVE RELATED TO XV-770121	-	-	-	-	-	1	7B-Z-0-2-44	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
595	2	SV-770122	SOLENOID VALVE RELATED TO XV-770122	-	-	-	-	-	1	7B-Z-0-2-44	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
596	2	SV-770123	SOLENOID VALVE RELATED TO XV-770123	-	-	-	-	-	1	7B-Z-0-2-44	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-01	-
597	2	SV-770124	SOLENOID VALVE RELATED TO XV-770124	-	-	-	-	-	1	7B-Z-0-2-44	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-01	-
598	2	SV-770125	SOLENOID VALVE RELATED TO XV-770125	-	-	-	-	-	1	7B-Z-0-2-44	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-01	-
599	2	SV-770126	SOLENOID VALVE RELATED TO XV-770126	-	-	-	-	-	1	7B-Z-0-2-44	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-01	-
600	2	SV-770127	SOLENOID VALVE RELATED TO XV-770127	-	-	-	-	-	1	7B-Z-0-2-44	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-01	-
601	2	SV-770149	SOLENOID VALVE RELATED TO XV-770149	-	-	-	-	-	1	7B-Z-0-2-44	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-01	-
602	2	SV-770129	SOLENOID VALVE RELATED TO XV-770129	-	-	-	-	-	1	7B-Z-0-2-44	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-01	-
603	2	SV-770131	SOLENOID VALVE RELATED TO XV-770131	-	-	-	-	-	1	7B-Z-0-2-44	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-01	-
604	2	SV-770132	SOLENOID VALVE RELATED TO XV-770132	-	-	-	-	-	1	7B-Z-0-2-44	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-01	-
605	2	SV-770133	SOLENOID VALVE RELATED TO XV-770133	-	-	-	-	-	1	7B-Z-0-2-45	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-01	-
606	2	SV-770134	SOLENOID VALVE RELATED TO XV-770134	-	-	-	-	-	1	7B-Z-0-2-45	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-01	-
607	2	SV-770135	SOLENOID VALVE RELATED TO XV-770135	-	-	-	-	-	1	7B-Z-0-2-45	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-01	-
608	2	SV-770136	SOLENOID VALVE RELATED TO XV-770136	-	-	-	-	-	1	7B-Z-0-2-45	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-01	-
609	2	SV-770137	SOLENOID VALVE RELATED TO XV-770137	-	-	-	-	-	1	7B-Z-0-2-45	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-01	-
610	2	SV-770138	SOLENOID VALVE RELATED TO XV-770138	-	-	-	-	-	1	7B-Z-0-2-45	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-01	-



					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 33 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
611	2	SV-770139	SOLENOID VALVE RELATED TO XV-770139	-	-	-	-	-	1	7B-Z-0-2-45	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-01	-
612	2	SV-770140	SOLENOID VALVE RELATED TO XV-770140	-	-	-	-	-	1	7B-Z-0-2-45	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
613	2	SV-770141	SOLENOID VALVE RELATED TO XV-770141	-	-	-	-	-	1	7B-Z-0-2-45	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
614	2	SV-770142	SOLENOID VALVE RELATED TO XV-770142	-	-	-	-	-	1	7B-Z-0-2-45	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
615	2	SV-770143	SOLENOID VALVE RELATED TO XV-770143	-	-	-	-	-	1	7B-Z-0-2-45	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
616	2	SV-770144	SOLENOID VALVE RELATED TO XV-770144	-	-	-	-	-	1	7B-Z-0-2-45	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
617	2	SV-770145	SOLENOID VALVE RELATED TO XV-770145	-	-	-	-	-	1	7B-Z-0-2-45	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
618	2	SV-770146	SOLENOID VALVE RELATED TO XV-770146	-	-	-	-	-	1	7B-Z-0-2-45	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
619	2	SV-770201	SOLENOID VALVE RELATED TO XV-770201	-	-	-	-	-	-	7B-Z-0-2-46	-	REMOTE SVP	-
620	2	SV-770203	SOLENOID VALVE RELATED TO XV-770203	-	-	-	-	-	-	7B-Z-0-2-46	-	REMOTE SVP	-
621	2	SV-770204	SOLENOID VALVE RELATED TO XV-770204	-	-	-	-	-	-	7B-Z-0-2-46	-	REMOTE SVP	-
622	2	SV-770205	SOLENOID VALVE RELATED TO XV-770205	-	-	-	-	-	-	7B-Z-0-2-46	-	REMOTE SVP	-
623	2	SV-770206	SOLENOID VALVE RELATED TO XV-770206	-	-	-	-	-	-	7B-Z-0-2-46	-	REMOTE SVP	-
624	2	SV-770207	SOLENOID VALVE RELATED TO XV-770207	-	-	-	-	-	-	7B-Z-0-2-46	-	REMOTE SVP	-
625	2	SV-770208	SOLENOID VALVE RELATED TO XV-770208	-	-	-	-	-	-	7B-Z-0-2-46	-	REMOTE SVP	-
626	2	SV-770209	SOLENOID VALVE RELATED TO XV-770209	-	-	-	-	-	-	7B-Z-0-2-46	-	REMOTE SVP	-
627	2	SV-770210	SOLENOID VALVE RELATED TO XV-770210	-	-	-	-	-	-	7B-Z-0-2-46	-	REMOTE SVP	-
628	2	SV-770211	SOLENOID VALVE RELATED TO XV-770211	-	-	-	-	-	-	7B-Z-0-2-46	-	REMOTE SVP	-
629	2	SV-770216	SOLENOID VALVE RELATED TO XV-770216	-	-	-	-	-	1	7B-Z-0-2-47	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
630	2	SV-770217	SOLENOID VALVE RELATED TO XV-770217	-	-	-	-	-	1	7B-Z-0-2-47	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-



					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 34 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
631	2	SV-770220	SOLENOID VALVE RELATED TO XV-770220	-	-	-	-	-	1	7B-Z-0-2-47	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
632	2	SV-770221	SOLENOID VALVE RELATED TO XV-770221	-	-	-	-	-	1	7B-Z-0-2-47	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
633	2	SV-770222	SOLENOID VALVE RELATED TO XV-770222	-	-	-	-	-	1	7B-Z-0-2-47	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
634	2	SV-770223	SOLENOID VALVE RELATED TO XV-770223	-	-	-	-	-	1	7B-Z-0-2-47	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
635	2	SV-770224	SOLENOID VALVE RELATED TO XV-770224	-	-	-	-	-	-	-	- -	-	4
636	2	SV-770229	SOLENOID VALVE RELATED TO XV-770229	-	-	-	-	-	-	-	- -	-	4
637	2	SV-770230	SOLENOID VALVE RELATED TO XV-770230	-	-	-	-	-	-	-	- -	-	4
638	2	SV-770231	SOLENOID VALVE RELATED TO XV-770231	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
639	2	SV-770232	SOLENOID VALVE RELATED TO XV-770232	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
640	2	SV-770233	SOLENOID VALVE RELATED TO XV-770233	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
641	2	SV-770234	SOLENOID VALVE RELATED TO XV-770234	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
642	2	SV-770235	SOLENOID VALVE RELATED TO XV-770235	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
643	2	SV-770236	SOLENOID VALVE RELATED TO XV-770236	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
644	2	SV-770237	SOLENOID VALVE RELATED TO XV-770237	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
645	2	SV-770238	SOLENOID VALVE RELATED TO XV-770238	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
646	2	SV-770239	SOLENOID VALVE RELATED TO XV-770239	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
647	2	SV-770240	SOLENOID VALVE RELATED TO XV-770240	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
648	2	SV-770241	SOLENOID VALVE RELATED TO XV-770241	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
649	2	SV-770242	SOLENOID VALVE RELATED TO XV-770242	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
650	2	SV-770243	SOLENOID VALVE RELATED TO XV-770243	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-



					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 35 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
651	2	SV-770244	SOLENOID VALVE RELATED TO XV-770244	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
652	2	SV-770245	SOLENOID VALVE RELATED TO XV-770245	-	-	-	-	-	-	-	-	-	4
653	2	SV-770246	SOLENOID VALVE RELATED TO XV-770246	-	-	-	-	-	-	-	-	-	4
654	2	SV-770247	SOLENOID VALVE RELATED TO XV-770247	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
655	2	SV-770248	SOLENOID VALVE RELATED TO XV-770248	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
656	2	SV-770301	SOLENOID VALVE RELATED TO XV-770301	-	-	-	-	-	-	7B-Z-0-2-49	-	REMOTE SVP	-
657	2	SV-770303	SOLENOID VALVE RELATED TO XV-770303	-	-	-	-	-	-	7B-Z-0-2-49	-	REMOTE SVP	-
658	2	SV-770304	SOLENOID VALVE RELATED TO XV-770304	-	-	-	-	-	-	7B-Z-0-2-49	-	REMOTE SVP	-
659	2	SV-770305	SOLENOID VALVE RELATED TO XV-770305	-	-	-	-	-	-	7B-Z-0-2-49	-	REMOTE SVP	-
660	2	SV-770306	SOLENOID VALVE RELATED TO XV-770306	-	-	-	-	-	-	7B-Z-0-2-49	-	REMOTE SVP	-
661	2	SV-770307	SOLENOID VALVE RELATED TO XV-770307	-	-	-	-	-	-	7B-Z-0-2-49	-	REMOTE SVP	-
662	2	SV-770310	SOLENOID VALVE RELATED TO XV-770310	-	-	-	-	-	-	7B-Z-0-2-49	-	REMOTE SVP	-
663	2	SV-770311	SOLENOID VALVE RELATED TO XV-770311	-	-	-	-	-	-	7B-Z-0-2-49	-	REMOTE SVP	-
664	2	SV-770318	SOLENOID VALVE RELATED TO XV-770318	-	-	-	-	-	1	7B-Z-0-2-50	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-02	-
665	2	SV-770319	SOLENOID VALVE RELATED TO XV-770319	-	-	-	-	-	1	7B-Z-0-2-50	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
666	2	SV-770320	SOLENOID VALVE RELATED TO XV-770320	-	-	-	-	-	1	7B-Z-0-2-50	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
667	2	SV-770321	SOLENOID VALVE RELATED TO XV-770321	-	-	-	-	-	1	7B-Z-0-2-50	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
668	2	SV-770322	SOLENOID VALVE RELATED TO XV-770322	-	-	-	-	-	1	7B-Z-0-2-50	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
669	2	SV-770323	SOLENOID VALVE RELATED TO XV-770323	-	-	-	-	-	1	7B-Z-0-2-50	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
670	2	SV-770324	SOLENOID VALVE RELATED TO XV-770324	-	-	-	-	-	1	7B-Z-0-2-50	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-



					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 36 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
671	2	SV-770325	SOLENOID VALVE RELATED TO XV-770325	-	-	-	-	-	1	7B-Z-0-2-50	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
672	2	SV-770326	SOLENOID VALVE RELATED TO XV-770326	-	-	-	-	-	1	7B-Z-0-2-50	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
673	2	SV-770327	SOLENOID VALVE RELATED TO XV-770327	-	-	-	-	-	1	7B-Z-0-2-50	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
674	2	SV-770328	SOLENOID VALVE RELATED TO XV-770328	-	-	-	-	-	1	7B-Z-0-2-50	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
675	2	SV-770329	SOLENOID VALVE RELATED TO XV-770329	-	-	-	-	-	1	7B-Z-0-2-50	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
676	2	SV-770340	SOLENOID VALVE RELATED TO XV-770340	-	-	-	-	-	1	7B-Z-0-2-51	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
677	2	SV-770341	SOLENOID VALVE RELATED TO XV-770341	-	-	-	-	-	1	7B-Z-0-2-51	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
678	2	SV-770342	SOLENOID VALVE RELATED TO XV-770342	-	-	-	-	-	1	7B-Z-0-2-51	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
679	2	SV-770343	SOLENOID VALVE RELATED TO XV-770343	-	-	-	-	-	1	7B-Z-0-2-51	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
680	2	SV-770344	SOLENOID VALVE RELATED TO XV-770344	-	-	-	-	-	1	7B-Z-0-2-51	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
681	2	SV-770345	SOLENOID VALVE RELATED TO XV-770345	-	-	-	-	-	1	7B-Z-0-2-51	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
682	2	SV-770346	SOLENOID VALVE RELATED TO XV-770346	-	-	-	-	-	1	7B-Z-0-2-51	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
683	2	SV-770347	SOLENOID VALVE RELATED TO XV-770347	-	-	-	-	-	1	7B-Z-0-2-51	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
684	2	SV-770348	SOLENOID VALVE RELATED TO XV-770348	-	-	-	-	-	1	7B-Z-0-2-51	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
685	2	SV-770349	SOLENOID VALVE RELATED TO XV-770349	-	-	-	-	-	1	7B-Z-0-2-51	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
686	2	SV-770350	SOLENOID VALVE RELATED TO XV-770350	-	-	-	-	-	1	7B-Z-0-2-51	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
687	2	SV-770351	SOLENOID VALVE RELATED TO XV-770351	-	-	-	-	-	1	7B-Z-0-2-51	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
688	2	SV-770352	SOLENOID VALVE RELATED TO XV-770352	-	-	-	-	-	1	7B-Z-0-2-51	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
689	2	SV-770353	SOLENOID VALVE RELATED TO XV-770353	-	-	-	-	-	1	7B-Z-0-2-51	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
690	2	SV-BC7701-1	SOLENOID VALVE RELATED TO XV-BC7701-1	-	-	-	-	-	-	7B-Z-0-2-43	- -	REMOTE SVP	-

					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 37 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
691	2	SV-BC7701-2	SOLENOID VALVE RELATED TO XV-BC7701-2	-	-	-	-	-	-	7B-Z-0-2-43	-	REMOTE SVP	-
692	2	SV-BC7702-1	SOLENOID VALVE RELATED TO XV-BC7702-1	-	-	-	-	-	-	7B-Z-0-2-46	-	REMOTE SVP	-
693	2	SV-BC7702-2	SOLENOID VALVE RELATED TO XV-BC7702-2	-	-	-	-	-	-	7B-Z-0-2-46	-	REMOTE SVP	-
694	2	SV-BC7703-1	SOLENOID VALVE RELATED TO XV-BC7703-1	-	-	-	-	-	-	7B-Z-0-2-49	-	REMOTE SVP	-
695	2	SV-BC7703-2	SOLENOID VALVE RELATED TO XV-BC7703-2	-	-	-	-	-	-	7B-Z-0-2-49	-	REMOTE SVP	-
696	2	SV-550116B	SOLENOID VALVE RELATED TO XV-550116B	-	-	-	-	-	-	7B-Z-0-2-10	-	-	-
697	2	SV-560101B	SOLENOID VALVE RELATED TO XV-560101B	-	-	-	-	-	-	7B-Z-0-2-10	-	-	-
698	2	SV-560116B	SOLENOID VALVE RELATED TO XV-560116B	-	-	-	-	-	-	7B-Z-0-2-12	-	-	-
699	2	SV-460101	SOLENOID VALVE RELATED TO XV-460101	-	-	-	-	-	-	-	-	-	4
700	2	SV-640107	SOLENOID VALVE RELATED TO XV-640107	-	-	-	-	-	1	7B-Z-0-2-61	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
701	2	SV-630208	SOLENOID VALVE RELATED TO XV-630208	-	-	-	-	-	1	7B-Z-0-2-58	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-03	-
702	2	SV-560123B	SOLENOID VALVE RELATED TO XV-560123B	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
703	2	SV-560124C	SOLENOID VALVE RELATED TO XV-560124C	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
704	2	SV-560127B	SOLENOID VALVE RELATED TO XV-560127B	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
705	2	SV-470101	SOLENOID VALVE RELATED TO XV-470101	-	-	-	-	-	-	7B-Z-0-2-55	-	REMOTE SVP	-
706	2	SV-470102	SOLENOID VALVE RELATED TO XV-470102	-	-	-	-	-	-	7B-Z-0-2-55	-	REMOTE SVP	-
707	2	SV-470103	SOLENOID VALVE RELATED TO XV-470103	-	-	-	-	-	-	7B-Z-0-2-55	-	REMOTE SVP	-
708	2	SV-470104	SOLENOID VALVE RELATED TO XV-470104	-	-	-	-	-	-	7B-Z-0-2-55	-	REMOTE SVP	-
709	2	SV-470104	SOLENOID VALVE RELATED TO XV-470104	-	-	-	-	-	-	7B-Z-0-2-55	-	REMOTE SVP	-
710	2	SV-470105	SOLENOID VALVE RELATED TO XV-470105	-	-	-	-	-	-	7B-Z-0-2-55	-	REMOTE SVP	-





					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 38 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
711	2	SV-470106	SOLENOID VALVE RELATED TO XV-470106	-	-	-	-	-	-	7B-Z-0-2-55	-	REMOTE SVP	-
712	2	SV-470107	SOLENOID VALVE RELATED TO XV-470107	-	-	-	-	-	-	7B-Z-0-2-55	-	REMOTE SVP	-
713	2	SV-470108A	SOLENOID VALVE RELATED TO XV-470108A	-	-	-	-	-	-	7B-Z-0-2-55	-	REMOTE SVP	-
714	2	SV-470108B	SOLENOID VALVE RELATED TO XV-470108B	-	-	-	-	-	-	7B-Z-0-2-55	-	REMOTE SVP	-
715	2	SV-560115	DRUG SUBSTANCE - 2500L BIOREACTOR BRE-5601 - VESSEL	-	-	-	-	-	-	7B-Z-0-2-12	-	-	-
716	2	SV-560137A	SOLENOID VALVE RELATED TO XV-560137A	-	-	-	-	-	-	7B-Z-0-2-12	-	-	-
717	2	SV-560139A	SOLENOID VALVE RELATED TO XV-560139A	-	-	-	-	-	-	7B-Z-0-2-12	-	-	-
718	2	SV-370131	SOLENOID VALVE RELATED TO XV-370131	-	-	-	-	-	-	7B-Z-0-2-37	-	REMOTE SVP	-
719	2	SV-370132	SOLENOID VALVE RELATED TO XV-370132	-	-	-	-	-	-	7B-Z-0-2-37	-	REMOTE SVP	-
720	2	SV-370133A	SOLENOID VALVE RELATED TO XV-370133A	-	-	-	-	-	-	7B-Z-0-2-37	-	REMOTE SVP	-
721	2	SV-370133B	SOLENOID VALVE RELATED TO XV-370133B	-	-	-	-	-	-	7B-Z-0-2-37	-	REMOTE SVP	-
722	2	SV-370134	SOLENOID VALVE RELATED TO XV-370134	-	-	-	-	-	1	7B-Z-0-2-37	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
723	2	SV-370135	SOLENOID VALVE RELATED TO XV-370135	-	-	-	-	-	1	7B-Z-0-2-37	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
724	2	SV-370136	SOLENOID VALVE RELATED TO XV-370136	-	-	-	-	-	1	7B-Z-0-2-37	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
725	2	SV-370137	SOLENOID VALVE RELATED TO XV-370137	-	-	-	-	-	1	7B-Z-0-2-37	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
726	2	SV-370138	SOLENOID VALVE RELATED TO XV-370138	-	-	-	-	-	1	7B-Z-0-2-37	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
727	2	SV-370139	SOLENOID VALVE RELATED TO XV-370139	-	-	-	-	-	1	7B-Z-0-2-37	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
728	2	SV-370140	SOLENOID VALVE RELATED TO XV-370140	-	-	-	-	-	1	7B-Z-0-2-37	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
729	2	SV-370141	SOLENOID VALVE RELATED TO XV-370141	-	-	-	-	-	1	7B-Z-0-2-37	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
730	2	SV-370142	SOLENOID VALVE RELATED TO XV-370142	-	-	-	-	-	1	7B-Z-0-2-37	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-




					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 39 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
731	2	SV-370143	SOLENOID VALVE RELATED TO XV-370143	-	-	-	-	-	1	7B-Z-0-2-37	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
732	2	SV-370144	SOLENOID VALVE RELATED TO XV-370144	-	-	-	-	-	1	7B-Z-0-2-37	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
733	2	SV-370145	SOLENOID VALVE RELATED TO XV-370145	-	-	-	-	-	1	7B-Z-0-2-37	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
734	2	SV-370231	SOLENOID VALVE RELATED TO XV-370231	-	-	-	-	-	-	7B-Z-0-2-39	- -	REMOTE SVP	-
735	2	SV-370232	SOLENOID VALVE RELATED TO XV-370232	-	-	-	-	-	-	7B-Z-0-2-39	- -	REMOTE SVP	-
736	2	SV-370233A	SOLENOID VALVE RELATED TO XV-370233A	-	-	-	-	-	-	7B-Z-0-2-39	- -	REMOTE SVP	-
737	2	SV-370233B	SOLENOID VALVE RELATED TO XV-370233B	-	-	-	-	-	-	7B-Z-0-2-39	- -	REMOTE SVP	-
738	2	SV-560140A	SOLENOID VALVE RELATED TO XV-560140A	-	-	-	-	-	-	7B-Z-0-2-12	- -	REMOTE SVP	-
739	2	SV-560144	SOLENOID VALVE RELATED TO XV-560144	-	-	-	-	-	-	7B-Z-0-2-12	- -	REMOTE SVP	-
740	2	SV-560145	SOLENOID VALVE RELATED TO XV-560145	-	-	-	-	-	-	7B-Z-0-2-12	- -	REMOTE SVP	-
741	2	SV-330001	SOLENOID VALVE RELATED TO XV-330001	-	-	-	-	-	-	7B-Z-0-2-26	- -	REMOTE SVP	-
742	2	SV-330002	SOLENOID VALVE RELATED TO XV-330002	-	-	-	-	-	-	7B-Z-0-2-26	- -	REMOTE SVP	-
743	2	SV-330003A	SOLENOID VALVE RELATED TO XV-330003A	-	-	-	-	-	-	7B-Z-0-2-26	- -	REMOTE SVP	-
744	2	SV-330003B	SOLENOID VALVE RELATED TO XV-330003B	-	-	-	-	-	-	7B-Z-0-2-26	- -	REMOTE SVP	-
745	2	SV-330004	SOLENOID VALVE RELATED TO XV-330004	-	-	-	-	-	-	7B-Z-0-2-26	- -	REMOTE SVP	-
746	2	SV-330005	SOLENOID VALVE RELATED TO XV-330005	-	-	-	-	-	-	7B-Z-0-2-26	- -	REMOTE SVP	-
747	2	SV-330006A	SOLENOID VALVE RELATED TO XV-330006A	-	-	-	-	-	-	7B-Z-0-2-26	- -	REMOTE SVP	-
748	2	SV-330006B	SOLENOID VALVE RELATED TO XV-330006B	-	-	-	-	-	-	7B-Z-0-2-26	- -	REMOTE SVP	-
749	2	SV-330007	SOLENOID VALVE RELATED TO XV-330007	-	-	-	-	-	-	7B-Z-0-2-26	- -	REMOTE SVP	-
750	2	SV-330008	SOLENOID VALVE RELATED TO XV-330008	-	-	-	-	-	-	7B-Z-0-2-26	- -	REMOTE SVP	-



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											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
751	2	SV-330009	SOLENOID VALVE RELATED TO XV-330009	-	-	-	-	-	-	7B-Z-0-2-26	-	REMOTE SVP	-
752	2	SV-340101A	SOLENOID VALVE RELATED TO XV-340101A	-	-	-	-	-	-	7B-Z-0-2-27	-	-	4
753	2	SV-340101B	SOLENOID VALVE RELATED TO XV-340101B	-	-	-	-	-	-	7B-Z-0-2-27	-	-	4
754	2	SV-340201A	SOLENOID VALVE RELATED TO XV-340201A	-	-	-	-	-	-	7B-Z-0-2-28	-	-	4
755	2	SV-340201B	SOLENOID VALVE RELATED TO XV-340201B	-	-	-	-	-	-	7B-Z-0-2-28	-	-	4
756	2	SV-560146	SOLENOID VALVE RELATED TO XV-560146	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
757	2	SV-560147	SOLENOID VALVE RELATED TO XV-560147	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
758	2	SV-560148	SOLENOID VALVE RELATED TO XV-560148	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
759	2	SV-920107	SOLENOID VALVE RELATED TO XV-920107	-	-	-	-	-	-	7B-Z-0-2-32	-	REMOTE SVP	-
760	2	SV-560201A	SOLENOID VALVE RELATED TO XV-560201A	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
761	2	SV-560201B	SOLENOID VALVE RELATED TO XV-560201B	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
762	2	SV-560215	SOLENOID VALVE RELATED TO XV-560215	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
763	2	SV-370213	SOLENOID VALVE RELATED TO XV-370213	-	-	-	-	-	1	7B-Z-0-2-40	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
764	2	SV-370214	SOLENOID VALVE RELATED TO XV-370214	-	-	-	-	-	1	7B-Z-0-2-40	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
765	2	SV-370215A	SOLENOID VALVE RELATED TO XV-370215A	-	-	-	-	-	2	7B-Z-0-2-40	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
766	2	SV-370215B	SOLENOID VALVE RELATED TO XV-370215B	-	-	-	-	-	1	7B-Z-0-2-40	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
767	2	SV-371001	SOLENOID VALVE RELATED TO XV-371001	-	-	-	-	-	1	7B-Z-0-2-40	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
768	2	SV-371002	SOLENOID VALVE RELATED TO XV-371002	-	-	-	-	-	1	7B-Z-0-2-40	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
769	2	SV-371003	SOLENOID VALVE RELATED TO XV-371003	-	-	-	-	-	1	7B-Z-0-2-40	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
770	2	SV-371101	SOLENOID VALVE RELATED TO XV-371101	-	-	-	-	-	1	7B-Z-0-2-40	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-



					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-004		SHEET.: 41 de 70 REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS PANEL LAYOUT	REMOTE	NOTES
771	2	SV-371102	SOLENOID VALVE RELATED TO XV-371102	-	-	-	-	-	1	7B-Z-0-2-40	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-04	-
772	2	SV-371103	SOLENOID VALVE RELATED TO XV-371103	-	-	-	-	-	1	7B-Z-0-2-40	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-05	-
773	2	SV-520102	3800L MEDIA HOLD TANK - TQ-5201 - FROM TQ-5201 TO STEAM TRAP T-520102 - SOL VALVE REL TO XV-520102	-	-	-	-	-	-	7B-Z-0-2-03	- -	REMOTE SVP	-
774	2	SV-520103A	3800L MEDIA HOLD TANK - TQ-5201 - FROM TP-5201-1 TO CHEMOST BIOREACTORS - SOL VALVE REL TO XV-520103	-	-	-	-	-	-	7B-Z-0-2-03	- -	REMOTE SVP	-
775	2	SV-520103	SOLENOID VALVE RELATED TO XV-520103	-	-	-	-	-	-	-	- -	-	4
776	2	SV-520103B	3800L MEDIA HOLD TANK - TQ-5201 - FROM TP-5201-1 TO CHEMOST BIOREACT - SOL VALVE REL TO XV-520104A	-	-	-	-	-	-	7B-Z-0-2-03	- -	REMOTE SVP	-
777	2	SV-520103C	3800L MEDIA HOLD TANK - TQ-5201 - FROM TP-5201-1 TO STEAM TRAP T-520104 - SOL VALVE REL TO XV-520104B	-	-	-	-	-	-	7B-Z-0-2-03	- -	REMOTE SVP	-
778	2	SV-520105A	3800L MEDIA HOLD TANK - TQ-5201 - FROM TP-5201-1 TO CHEMOST BIOREACT - SOL VALVE REL TO XV-520105A	-	-	-	-	-	-	7B-Z-0-2-03	- -	REMOTE SVP	-
779	2	SV-520105B	3800L MEDIA HOLD TANK - TQ-5201 - FROM FGA-5201-2 TO CHEMOST BIOR - SOL VALVE REL TO XV-520105B	-	-	-	-	-	-	7B-Z-0-2-03	- -	REMOTE SVP	-
780	2	SV-520106	3800L MEDIA HOLD TANK - TQ-5201 - FROM BPR-5315 TO CHEMOST BIOREACT - SOL VALVE REL TO XV-520106	-	-	-	-	-	-	7B-Z-0-2-03	- -	REMOTE SVP	-
781	2	SV-520108	3800L MEDIA HOLD TANK - TQ-5201 - FROM FGA-5201-2 TO ST TRAP T-520114 - SOL VALVE REL TO XV-520108	-	-	-	-	-	-	7B-Z-0-2-03	- -	REMOTE SVP	-
782	2	SV-520109	3800L MEDIA HOLD TANK - TQ-5201 - CLEAN COMP AIR SUPPLY TO FGA-5201-2 - SOL VALVE REL TO XV-520109	-	-	-	-	-	-	7B-Z-0-2-03	- -	REMOTE SVP	-
783	2	SV-520110	3800L MEDIA HOLD TK - TQ-5201 - CL COMP AIR SPLY TO VENT OVER THE ROOF - SOL VALVE REL TO XV-520110	-	-	-	-	-	-	7B-Z-0-2-03	- -	REMOTE SVP	-
784	2	SV-520111	3800L MEDIA HOLD TANK - TQ-5201 - CLEAN COMP AIR SUPPLY TO FGA-5201-1 - SOL VALVE REL TO XV-520111	-	-	-	-	-	-	7B-Z-0-2-03	- -	REMOTE SVP	-
785	2	SV-520112	3800L MEDIA HOLD TANK - TQ-5201 - CLEAN COMP AIR SUPPLY TO FGA-5201-1 - SOL VALVE REL TO XV-520112	-	-	-	-	-	-	7B-Z-0-2-03	- -	REMOTE SVP	-
786	2	SV-520113	3800L MEDIA HOLD TANK - TQ-5201 - CL STEAM SUPPLY TO ST TRAP T-520105 - SOL VALVE REL TO XV-520113	-	-	-	-	-	-	7B-Z-0-2-03	- -	REMOTE SVP	-
787	2	SV-520114	3800L MEDIA HOLD TK - TQ-5201 - CL ST SUPPLY TO TQ-5201 SPR BLS E1/E2 - SOL VALVE REL TO XV-520114	-	-	-	-	-	-	7B-Z-0-2-03	- -	REMOTE SVP	-
788	2	SV-520115A	3800L MEDIA HOLD TANK - TQ-5201 - MEDIA/CIP SYSTEM 2 TO TQ-5201 - SOLENOID VALVE REL TO XV-520115A	-	-	-	-	-	-	7B-Z-0-2-03	- -	REMOTE SVP	-
789	2	SV-520115B	3800L MEDIA HOLD TK - TQ-5201 - MEDIA/CIP SYSTEM 2 TO ST TRAP T-520115 - SOL VALVE REL TO XV-520115B	-	-	-	-	-	-	7B-Z-0-2-03	- -	REMOTE SVP	-
790	2	SV-520121	3800L MEDIA HOLD TK - TQ-5201 - VALVE TO SPRAY BALL E1 ON TQ-5201 - SOLENOID VALVE REL TO XV-520121	-	-	-	-	-	-	7B-Z-0-2-03	- -	REMOTE SVP	-





[illegible]



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ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
813	2	SV-520120	3800L MEDIA HOLD TK - TQ-5201 - FROM TQ-5201 TO CHILL WTR LOOP 1, RET - SOL VALVE REL TO XV-520120	-	-	-	-	-	-	7B-Z-0-2-03	-	REMOTE SVP	-	
814	2	SV-520208	SOLENOID VALVE RELATED TO XV-520208	-	-	-	-	-	-	7B-Z-0-2-04	-	REMOTE SVP	-	
815	2	SV-520209	SOLENOID VALVE RELATED TO XV-520209	-	-	-	-	-	-	7B-Z-0-2-04	-	REMOTE SVP	-	
816	2	SV-560216A	SOLENOID VALVE RELATED TO XV-560216A	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-	
817	2	SV-560221	SOLENOID VALVE RELATED TO XV-560221	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-	
818	2	SV-560223A	SOLENOID VALVE RELATED TO XV-560223A	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-	
819	2	SV-380010	SOLENOID VALVE RELATED TO XV-380010	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-	
820	2	SV-380011	SOLENOID VALVE RELATED TO XV-380011	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-	
821	2	SV-540101A	SOLENOID VALVE RELATED TO XV-540101A	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-	
822	2	SV-540101B	SOLENOID VALVE RELATED TO XV-540101B	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-	
823	2	SV-540102	SOLENOID VALVE RELATED TO XV-540102	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-	
824	2	SV-540103	SOLENOID VALVE RELATED TO XV-540103	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-	
825	2	SV-540104	SOLENOID VALVE RELATED TO XV-540104	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-	
826	2	SV-540105	SOLENOID VALVE RELATED TO XV-540105	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-	
827	2	SV-540106	SOLENOID VALVE RELATED TO XV-540106	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-	
828	2	SV-540107	SOLENOID VALVE RELATED TO XV-540107	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-	
829	2	SV-540112A	SOLENOID VALVE RELATED TO XV-540112A	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-	
830	2	SV-540112B	SOLENOID VALVE RELATED TO XV-540112B	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-	
831	2	SV-540113	SOLENOID VALVE RELATED TO XV-540113	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-	
832	2	SV-540114A	SOLENOID VALVE RELATED TO XV-540114A	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-	
833	2	SV-540114B	SOLENOID VALVE RELATED TO XV-540114B	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-	
834	2	SV-540116A	SOLENOID VALVE RELATED TO XV-540116A	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-	



			 		TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 44 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
835	2	SV-540117	SOLENOID VALVE RELATED TO XV-540117	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-
836	2	SV-540118A	SOLENOID VALVE RELATED TO XV-540118A	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
837	2	SV-540119	SOLENOID VALVE RELATED TO XV-540119	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-
838	2	SV-540121	SOLENOID VALVE RELATED TO XV-540121	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-
839	2	SV-540122	SOLENOID VALVE RELATED TO XV-540122	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-
840	2	SV-540123	SOLENOID VALVE RELATED TO XV-540123	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-
841	2	SV-540132	SOLENOID VALVE RELATED TO XV-540132	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-
842	2	SV-540126	SOLENOID VALVE RELATED TO XV-540126	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-
843	2	SV-540127	SOLENOID VALVE RELATED TO XV-540127	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-
844	2	SV-540128	SOLENOID VALVE RELATED TO XV-540128	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-
845	2	SV-540134	SOLENOID VALVE RELATED TO XV-540134	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-
846	2	SV-540135	SOLENOID VALVE RELATED TO XV-540135	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-
847	2	SV-540136	SOLENOID VALVE RELATED TO XV-540136	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-
848	2	SV-540137	SOLENOID VALVE RELATED TO XV-540137	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-
849	2	SV-540150	SOLENOID VALVE RELATED TO XV-540150	-	-	-	-	-	-	7B-Z-0-2-09	-	REMOTE SVP	-
850	2	SV-540151	SOLENOID VALVE RELATED TO XV-540151	-	-	-	-	-	-	7B-Z-0-2-09	-	REMOTE SVP	-
851	2	SV-540152	SOLENOID VALVE RELATED TO XV-540152	-	-	-	-	-	-	7B-Z-0-2-09	-	REMOTE SVP	-
852	2	SV-540153	SOLENOID VALVE RELATED TO XV-540153	-	-	-	-	-	-	7B-Z-0-2-09	-	REMOTE SVP	-
853	2	SV-540154	SOLENOID VALVE RELATED TO XV-540154	-	-	-	-	-	-	7B-Z-0-2-09	-	REMOTE SVP	-
854	2	SV-540155	SOLENOID VALVE RELATED TO XV-540155	-	-	-	-	-	-	7B-Z-0-2-09	-	REMOTE SVP	-
855	2	SV-540156	SOLENOID VALVE RELATED TO XV-540156	-	-	-	-	-	-	7B-Z-0-2-09	-	REMOTE SVP	-



					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 45 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
856	2	SV-540157	SOLENOID VALVE RELATED TO XV-540157	-	-	-	-	-	-	7B-Z-0-2-09	-	REMOTE SVP	-
857	2	SV-540160	SOLENOID VALVE RELATED TO XV-540160	-	-	-	-	-	-	7B-Z-0-2-09	-	REMOTE SVP	-
858	2	SV-540161	SOLENOID VALVE RELATED TO XV-540161	-	-	-	-	-	-	7B-Z-0-2-09	-	REMOTE SVP	-
859	2	SV-540162	SOLENOID VALVE RELATED TO XV-540162	-	-	-	-	-	-	7B-Z-0-2-09	-	REMOTE SVP	-
860	2	SV-540163	SOLENOID VALVE RELATED TO XV-540163	-	-	-	-	-	-	7B-Z-0-2-09	-	REMOTE SVP	-
861	2	SV-540164	SOLENOID VALVE RELATED TO XV-540164	-	-	-	-	-	-	7B-Z-0-2-09	-	REMOTE SVP	-
862	2	SV-540165	SOLENOID VALVE RELATED TO XV-540165	-	-	-	-	-	-	7B-Z-0-2-09	-	REMOTE SVP	-
863	2	SV-550102	SOLENOID VALVE RELATED TO XV-550102	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
864	2	SV-550103	SOLENOID VALVE RELATED TO XV-550103	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
865	2	SV-550104	SOLENOID VALVE RELATED TO XV-550104	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
866	2	SV-550105	SOLENOID VALVE RELATED TO XV-550105	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
867	2	SV-550106	SOLENOID VALVE RELATED TO XV-550106	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
868	2	SV-550107	SOLENOID VALVE RELATED TO XV-550107	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
869	2	SV-550111	SOLENOID VALVE RELATED TO XV-550111	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
870	2	SV-550112A	SOLENOID VALVE RELATED TO XV-550112A	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
871	2	SV-550112B	SOLENOID VALVE RELATED TO XV-550112B	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
872	2	SV-550113	SOLENOID VALVE RELATED TO XV-550113	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
873	2	SV-550114A	SOLENOID VALVE RELATED TO XV-550114A	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
874	2	SV-550114B	SOLENOID VALVE RELATED TO XV-550114B	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
875	2	SV-550116A	SOLENOID VALVE RELATED TO XV-550116A	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
876	2	SV-550117	SOLENOID VALVE RELATED TO XV-550117	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
877	2	SV-550118A	SOLENOID VALVE RELATED TO XV-550118A	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-



					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 46 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
878	2	SV-550119	SOLENOID VALVE RELATED TO XV-550119	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
879	2	SV-550120	SOLENOID VALVE RELATED TO XV-550120	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
880	2	SV-550121	SOLENOID VALVE RELATED TO XV-550121	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
881	2	SV-550122	SOLENOID VALVE RELATED TO XV-550122	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
882	2	SV-550123	SOLENOID VALVE RELATED TO XV-550123	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
883	2	SV-550126	SOLENOID VALVE RELATED TO XV-550126	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
884	2	SV-550127	SOLENOID VALVE RELATED TO XV-550127	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
885	2	SV-550128	SOLENOID VALVE RELATED TO XV-550128	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
886	2	SV-550129	SOLENOID VALVE RELATED TO XV-550129	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
887	2	SV-550131	SOLENOID VALVE RELATED TO XV-550131	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
888	2	SV-550132	SOLENOID VALVE RELATED TO XV-550132	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
889	2	SV-550133	SOLENOID VALVE RELATED TO XV-550133	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-
890	2	SV-550150	SOLENOID VALVE RELATED TO XV-550150	-	-	-	-	-	-	7B-Z-0-2-11	-	REMOTE SVP	-
891	2	SV-550151	SOLENOID VALVE RELATED TO XV-550151	-	-	-	-	-	-	7B-Z-0-2-11	-	REMOTE SVP	-
892	2	SV-550152	SOLENOID VALVE RELATED TO XV-550152	-	-	-	-	-	-	7B-Z-0-2-11	-	REMOTE SVP	-
893	2	SV-550153	SOLENOID VALVE RELATED TO XV-550153	-	-	-	-	-	-	7B-Z-0-2-11	-	REMOTE SVP	-
894	2	SV-550154	SOLENOID VALVE RELATED TO XV-550154	-	-	-	-	-	-	7B-Z-0-2-11	-	REMOTE SVP	-
895	2	SV-550155	SOLENOID VALVE RELATED TO XV-550155	-	-	-	-	-	-	7B-Z-0-2-11	-	REMOTE SVP	-
896	2	SV-550156	SOLENOID VALVE RELATED TO XV-550156	-	-	-	-	-	-	7B-Z-0-2-11	-	REMOTE SVP	-
897	2	SV-550157	SOLENOID VALVE RELATED TO XV-550157	-	-	-	-	-	-	7B-Z-0-2-11	-	REMOTE SVP	-
898	2	SV-550160	SOLENOID VALVE RELATED TO XV-550160	-	-	-	-	-	-	7B-Z-0-2-11	-	REMOTE SVP	-
899	2	SV-550161	SOLENOID VALVE RELATED TO XV-550161	-	-	-	-	-	-	7B-Z-0-2-11	-	REMOTE SVP	-




<div><div></div><div></div></div>			<div><div></div><div></div></div>	TITLE: <div>INPUT AND OUTPUT LIST - PCS 7B</div>							DOC NR.: <div>569-DB7A-AIC-330-001</div> <div>CLIENT NR.:<div>PRD-AIC-LIS-004</div></div>		SHEET.: <div>47 de 70</div> <div>REV.:<div>2</div></div>	
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
900	2	SV-550162	SOLENOID VALVE RELATED TO XV-550162	-	-	-	-	-	-	7B-Z-0-2-11	-	REMOTE SVP	-	
901	2	SV-550163	SOLENOID VALVE RELATED TO XV-550163	-	-	-	-	-	-	7B-Z-0-2-11	-	REMOTE SVP	-	
902	2	SV-550164	SOLENOID VALVE RELATED TO XV-550164	-	-	-	-	-	-	7B-Z-0-2-11	-	REMOTE SVP	-	
903	2	SV-550165	SOLENOID VALVE RELATED TO XV-550165	-	-	-	-	-	-	7B-Z-0-2-11	-	REMOTE SVP	-	
904	2	SV-560101A	SOLENOID VALVE RELATED TO XV-560101A	-	-	-	-	-	-	7B-Z-0-2-10	-	REMOTE SVP	-	
905	2	SV-560102	SOLENOID VALVE RELATED TO XV-560102	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-	
906	2	SV-560103	SOLENOID VALVE RELATED TO XV-560103	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-	
907	2	SV-560103	SOLENOID VALVE RELATED TO XV-560103	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-	
908	2	SV-560104	SOLENOID VALVE RELATED TO XV-560104	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-	
909	2	SV-560105	SOLENOID VALVE RELATED TO XV-560105	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-	
910	2	SV-560107	SOLENOID VALVE RELATED TO XV-560107	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-	
911	2	SV-560111	SOLENOID VALVE RELATED TO XV-560111	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-	
912	2	SV-560112A	SOLENOID VALVE RELATED TO XV-560112A	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-	
913	2	SV-560112B	SOLENOID VALVE RELATED TO XV-560112B	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-	
914	2	SV-560114A	SOLENOID VALVE RELATED TO XV-560114A	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-	
915	2	SV-560114B	SOLENOID VALVE RELATED TO XV-560114B	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-	
916	2	SV-560116A	SOLENOID VALVE RELATED TO XV-560116A	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-	
917	2	SV-560117	SOLENOID VALVE RELATED TO XV-560117	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-	
918	2	SV-560118	SOLENOID VALVE RELATED TO XV-560118	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-	
919	2	SV-560119	SOLENOID VALVE RELATED TO XV-560119	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-	
920	2	SV-560120	SOLENOID VALVE RELATED TO XV-560120	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-	

					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 48 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
921	2	SV-560121	SOLENOID VALVE RELATED TO XV-560121	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
922	2	SV-560122	SOLENOID VALVE RELATED TO XV-560122	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
923	2	SV-560123A	SOLENOID VALVE RELATED TO XV-560123A	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
924	2	SV-560124A	SOLENOID VALVE RELATED TO XV-560124A	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
925	2	SV-560124B	SOLENOID VALVE RELATED TO XV-560124B	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
926	2	SV-560125	SOLENOID VALVE RELATED TO XV-560125	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
927	2	SV-560126	SOLENOID VALVE RELATED TO XV-560126	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
928	2	SV-560127A	SOLENOID VALVE RELATED TO XV-560127A	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
929	2	SV-560128	SOLENOID VALVE RELATED TO XV-560128	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
930	2	SV-560129	SOLENOID VALVE RELATED TO XV-560129	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
931	2	SV-560130	SOLENOID VALVE RELATED TO XV-560130	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
932	2	SV-560131	SOLENOID VALVE RELATED TO XV-560131	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
933	2	SV-560132	SOLENOID VALVE RELATED TO XV-560132	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
934	2	SV-560133	SOLENOID VALVE RELATED TO XV-560133	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
935	2	SV-560134	SOLENOID VALVE RELATED TO XV-560134	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
936	2	SV-560135	SOLENOID VALVE RELATED TO XV-560135	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
937	2	SV-560136	SOLENOID VALVE RELATED TO XV-560136	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
938	2	SV-560137B	SOLENOID VALVE RELATED TO XV-560137B	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
939	2	SV-560138	SOLENOID VALVE RELATED TO XV-560138	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
940	2	SV-560139B	SOLENOID VALVE RELATED TO XV-560139B	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-




					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 49 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
941	2	SV-560140B	SOLENOID VALVE RELATED TO XV-560140B	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
942	2	SV-560141	SOLENOID VALVE RELATED TO XV-560141	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
943	2	SV-560142	SOLENOID VALVE RELATED TO XV-560142	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
944	2	SV-560143	SOLENOID VALVE RELATED TO XV-560143	-	-	-	-	-	-	7B-Z-0-2-12	-	REMOTE SVP	-
945	2	SV-560150	SOLENOID VALVE RELATED TO XV-560150	-	-	-	-	-	-	7B-Z-0-2-13	-	REMOTE SVP	-
946	2	SV-560151	SOLENOID VALVE RELATED TO XV-560151	-	-	-	-	-	-	7B-Z-0-2-13	-	REMOTE SVP	-
947	2	SV-560152	SOLENOID VALVE RELATED TO XV-560152	-	-	-	-	-	-	7B-Z-0-2-13	-	REMOTE SVP	-
948	2	SV-560153	SOLENOID VALVE RELATED TO XV-560153	-	-	-	-	-	-	7B-Z-0-2-13	-	REMOTE SVP	-
949	2	SV-560154	SOLENOID VALVE RELATED TO XV-560154	-	-	-	-	-	-	7B-Z-0-2-13	-	REMOTE SVP	-
950	2	SV-560155	SOLENOID VALVE RELATED TO XV-560155	-	-	-	-	-	-	7B-Z-0-2-13	-	REMOTE SVP	-
951	2	SV-560156	SOLENOID VALVE RELATED TO XV-560156	-	-	-	-	-	-	7B-Z-0-2-13	-	REMOTE SVP	-
952	2	SV-560157	SOLENOID VALVE RELATED TO XV-560157	-	-	-	-	-	-	7B-Z-0-2-13	-	REMOTE SVP	-
953	2	SV-560160	SOLENOID VALVE RELATED TO XV-560160	-	-	-	-	-	1	7B-Z-0-2-13	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-05	-
954	2	SV-560161	SOLENOID VALVE RELATED TO XV-560161	-	-	-	-	-	1	7B-Z-0-2-13	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-05	-
955	2	SV-560162	SOLENOID VALVE RELATED TO XV-560162	-	-	-	-	-	1	7B-Z-0-2-13	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-05	-
956	2	SV-560163	SOLENOID VALVE RELATED TO XV-560163	-	-	-	-	-	1	7B-Z-0-2-13	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-05	-
957	2	SV-560164	SOLENOID VALVE RELATED TO XV-560164	-	-	-	-	-	1	7B-Z-0-2-13	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-05	-
958	2	SV-560165	SOLENOID VALVE RELATED TO XV-560165	-	-	-	-	-	1	7B-Z-0-2-13	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-05	-
959	2	SV-560202	SOLENOID VALVE RELATED TO XV-560202	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
960	2	SV-560203	SOLENOID VALVE RELATED TO XV-560203	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-




					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 50 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
961	2	SV-560203	SOLENOID VALVE RELATED TO XV-560203	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
962	2	SV-560204	SOLENOID VALVE RELATED TO XV-560204	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
963	2	SV-560205	SOLENOID VALVE RELATED TO XV-560205	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
964	2	SV-560207	SOLENOID VALVE RELATED TO XV-560207	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
965	2	SV-560211	SOLENOID VALVE RELATED TO XV-560211	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
966	2	SV-560212A	SOLENOID VALVE RELATED TO XV-560212A	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
967	2	SV-560212B	SOLENOID VALVE RELATED TO XV-560212B	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
968	2	SV-560213	SOLENOID VALVE RELATED TO XV-560213	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
969	2	SV-560214A	SOLENOID VALVE RELATED TO XV-560214A	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
970	2	SV-560214B	SOLENOID VALVE RELATED TO XV-560214B	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
971	2	SV-560216B	SOLENOID VALVE RELATED TO XV-560216B	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
972	2	SV-560217	SOLENOID VALVE RELATED TO XV-560217	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
973	2	SV-560218	SOLENOID VALVE RELATED TO XV-560218	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
974	2	SV-560219	SOLENOID VALVE RELATED TO XV-560219	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
975	2	SV-560220	SOLENOID VALVE RELATED TO XV-560220	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
976	2	SV-560222	SOLENOID VALVE RELATED TO XV-560222	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
977	2	SV-560223B	SOLENOID VALVE RELATED TO XV-560223B	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
978	2	SV-560224A	SOLENOID VALVE RELATED TO XV-560224A	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
979	2	SV-560224B	SOLENOID VALVE RELATED TO XV-560224B	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
980	2	SV-560225	SOLENOID VALVE RELATED TO XV-560225	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-




					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 51 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
981	2	SV-560226	SOLENOID VALVE RELATED TO XV-560226	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
982	2	SV-560227A	SOLENOID VALVE RELATED TO XV-560227A	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
983	2	SV-560228	SOLENOID VALVE RELATED TO XV-560228	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
984	2	SV-560229	SOLENOID VALVE RELATED TO XV-560229	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
985	2	SV-560230	SOLENOID VALVE RELATED TO XV-560230	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
986	2	SV-560231	SOLENOID VALVE RELATED TO XV-560231	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
987	2	SV-560232	SOLENOID VALVE RELATED TO XV-560232	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
988	2	SV-560233	SOLENOID VALVE RELATED TO XV-560233	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
989	2	SV-560235	SOLENOID VALVE RELATED TO XV-560235	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
990	2	SV-560236	SOLENOID VALVE RELATED TO XV-560236	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
991	2	SV-560237A	SOLENOID VALVE RELATED TO XV-560237A	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
992	2	SV-560238	SOLENOID VALVE RELATED TO XV-560238	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
993	2	SV-560239A	SOLENOID VALVE RELATED TO XV-560239A	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
994	2	SV-560240A	SOLENOID VALVE RELATED TO XV-560240A	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
995	2	SV-560241	SOLENOID VALVE RELATED TO XV-560241	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
996	2	SV-560242	SOLENOID VALVE RELATED TO XV-560242	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
997	2	SV-560243	SOLENOID VALVE RELATED TO XV-560243	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
998	2	SV-560250	SOLENOID VALVE RELATED TO XV-560250	-	-	-	-	-	-	7B-Z-0-2-15	-	REMOTE SVP	-
999	2	SV-560251	SOLENOID VALVE RELATED TO XV-560251	-	-	-	-	-	-	7B-Z-0-2-15	-	REMOTE SVP	-
1000	2	SV-560252	SOLENOID VALVE RELATED TO XV-560252	-	-	-	-	-	-	7B-Z-0-2-15	-	REMOTE SVP	-




			 		TITLE:						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 52 de 70
					INPUT AND OUTPUT LIST - PCS 7B						CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
1001	2	SV-560253	SOLENOID VALVE RELATED TO XV-560253	-	-	-	-	-	-	7B-Z-0-2-15	-	REMOTE SVP	-
1002	2	SV-560254	SOLENOID VALVE RELATED TO XV-560254	-	-	-	-	-	-	7B-Z-0-2-15	-	REMOTE SVP	-
1003	2	SV-560255	SOLENOID VALVE RELATED TO XV-560255	-	-	-	-	-	-	7B-Z-0-2-15	-	REMOTE SVP	-
1004	2	SV-560256	SOLENOID VALVE RELATED TO XV-560256	-	-	-	-	-	-	7B-Z-0-2-15	-	REMOTE SVP	-
1005	2	SV-560257	SOLENOID VALVE RELATED TO XV-560257	-	-	-	-	-	-	7B-Z-0-2-15	-	REMOTE SVP	-
1006	2	SV-560260	SOLENOID VALVE RELATED TO XV-560260	-	-	-	-	-	1	7B-Z-0-2-15	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-05	-
1007	2	SV-560261	SOLENOID VALVE RELATED TO XV-560261	-	-	-	-	-	1	7B-Z-0-2-15	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-05	-
1008	2	SV-560262	SOLENOID VALVE RELATED TO XV-560262	-	-	-	-	-	1	7B-Z-0-2-15	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-05	-
1009	2	SV-560263	SOLENOID VALVE RELATED TO XV-560263	-	-	-	-	-	1	7B-Z-0-2-15	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-05	-
1010	2	SV-560264	SOLENOID VALVE RELATED TO XV-560264	-	-	-	-	-	1	7B-Z-0-2-15	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-05	-
1011	2	SV-560265	SOLENOID VALVE RELATED TO XV-560265	-	-	-	-	-	1	7B-Z-0-2-15	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-05	-
1012	2	SV-570101 A/B	SOLENOID VALVE RELATED TO XV-570101	-	-	-	-	-	-	7B-Z-0-2-21	-	REMOTE SVP	-
1013	2	SV-570103	SOLENOID VALVE RELATED TO XV-570103	-	-	-	-	-	-	7B-Z-0-2-21	-	REMOTE SVP	-
1014	2	SV-570104	SOLENOID VALVE RELATED TO XV-570104	-	-	-	-	-	-	7B-Z-0-2-21	-	REMOTE SVP	-
1015	2	SV-570105	SOLENOID VALVE RELATED TO XV-570105	-	-	-	-	-	-	7B-Z-0-2-21	-	REMOTE SVP	-
1016	2	SV-570106	SOLENOID VALVE RELATED TO XV-570106	-	-	-	-	-	-	7B-Z-0-2-21	-	REMOTE SVP	-
1017	2	SV-570110	SOLENOID VALVE RELATED TO XV-570110	-	-	-	-	-	-	7B-Z-0-2-21	-	REMOTE SVP	-
1018	2	SV-570111	SOLENOID VALVE RELATED TO XV-570111	-	-	-	-	-	-	7B-Z-0-2-21	-	REMOTE SVP	-
1019	2	SV-570112	SOLENOID VALVE RELATED TO XV-570112	-	-	-	-	-	-	7B-Z-0-2-21	-	REMOTE SVP	-
1020	2	SV-570113	SOLENOID VALVE RELATED TO XV-570113	-	-	-	-	-	-	7B-Z-0-2-21	-	REMOTE SVP	-



[illegible]




			 	TITLE: INPUT AND OUTPUT LIST - PCS 7B							DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 54 de 70	
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2	
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
1041	2	SV-570207	SOLENOID VALVE RELATED TO XV-570207	-	-	-	-	-	-	7B-Z-0-2-22	-	REMOTE SVP	-	
1042	2	SV-570208	SOLENOID VALVE RELATED TO XV-570208	-	-	-	-	-	-	7B-Z-0-2-22	-	REMOTE SVP	-	
1043	2	SV-570219	SOLENOID VALVE RELATED TO XV-570219	-	-	-	-	-	-	-	-	-	4	
1044	2	SV-570220	SOLENOID VALVE RELATED TO XV-570220	-	-	-	-	-	-	7B-Z-0-2-22	-	REMOTE SVP	-	
1045	2	SV-570221	SOLENOID VALVE RELATED TO XV-570221	-	-	-	-	-	-	7B-Z-0-2-22	-	REMOTE SVP	-	
1046	2	SV-570222	SOLENOID VALVE RELATED TO XV-570222	-	-	-	-	-	-	7B-Z-0-2-22	-	REMOTE SVP	-	
1047	2	SV-580001A	SOLENOID VALVE RELATED TO XV-580001A	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-	
1048	2	SV-580001B	SOLENOID VALVE RELATED TO XV-580001B	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-	
1049	2	SV-580001C	SOLENOID VALVE RELATED TO XV-580001C	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-	
1050	2	SV-580001D	SOLENOID VALVE RELATED TO XV-580001D	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-	
1051	2	SV-580002	SOLENOID VALVE RELATED TO XV-580002	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-	
1052	2	SV-580003A	SOLENOID VALVE RELATED TO XV-580003A	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-	
1053	2	SV-580003B	SOLENOID VALVE RELATED TO XV-580003B	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-	
1054	2	SV-580003C	SOLENOID VALVE RELATED TO XV-580003C	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-	
1055	2	SV-580004	SOLENOID VALVE RELATED TO XV-580004	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-	
1056	2	SV-580005A	SOLENOID VALVE RELATED TO XV-580005A	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-	
1057	2	SV-580005B	SOLENOID VALVE RELATED TO XV-580005B	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-	
1058	2	SV-580006	SOLENOID VALVE RELATED TO XV-580006	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-	
1059	2	SV-580007A	SOLENOID VALVE RELATED TO XV-580007A	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-	
1060	2	SV-580007B	SOLENOID VALVE RELATED TO XV-580007B	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-	




			 		TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 55 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
1061	2	SV-580007C	SOLENOID VALVE RELATED TO XV-580007C	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1062	2	SV-580008	SOLENOID VALVE RELATED TO XV-580008	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1063	2	SV-580009	SOLENOID VALVE RELATED TO XV-580009	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1064	2	SV-580012	SOLENOID VALVE RELATED TO XV-580012	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1065	2	SV-580013	SOLENOID VALVE RELATED TO XV-580013	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1066	2	SV-5800XXA	SOLENOID VALVE RELATED TO XV-5800XXA	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1067	2	SV-5800XXB	SOLENOID VALVE RELATED TO XV-5800XXB	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1068	2	SV-580101A	SOLENOID VALVE RELATED TO XV-580101A	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1069	2	SV-580101B	SOLENOID VALVE RELATED TO XV-580101B	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1070	2	SV-580102	SOLENOID VALVE RELATED TO XV-580102	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1071	2	SV-580103	SOLENOID VALVE RELATED TO XV-580103	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1072	2	SV-580104	SOLENOID VALVE RELATED TO XV-580104	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1073	2	SV-580105	SOLENOID VALVE RELATED TO XV-580105	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1074	2	SV-580107	SOLENOID VALVE RELATED TO XV-580107	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1075	2	SV-580108	SOLENOID VALVE RELATED TO XV-580108	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1076	2	SV-580109	SOLENOID VALVE RELATED TO XV-580109	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1077	2	SV-580110A	SOLENOID VALVE RELATED TO XV-580110A	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1078	2	SV-580110B	SOLENOID VALVE RELATED TO XV-580110B	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1079	2	SV-580111A	SOLENOID VALVE RELATED TO XV-580111A	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1080	2	SV-580111B	SOLENOID VALVE RELATED TO XV-580111B	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-



			 		TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 56 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
1081	2	SV-580112	SOLENOID VALVE RELATED TO XV-580112	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1082	2	SV-580201A	SOLENOID VALVE RELATED TO XV-580201A	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1083	2	SV-580201B	SOLENOID VALVE RELATED TO XV-580201B	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1084	2	SV-580203	SOLENOID VALVE RELATED TO XV-580203	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1085	2	SV-580204	SOLENOID VALVE RELATED TO XV-580204	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1086	2	SV-580205	SOLENOID VALVE RELATED TO XV-580205	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1087	2	SV-580206	SOLENOID VALVE RELATED TO XV-580206	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1088	2	SV-580208	SOLENOID VALVE RELATED TO XV-580208	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1089	2	SV-580209	SOLENOID VALVE RELATED TO XV-580209	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1090	2	SV-580210A	SOLENOID VALVE RELATED TO XV-580210A	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1091	2	SV-580210B	SOLENOID VALVE RELATED TO XV-580210B	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1092	2	SV-580211A	SOLENOID VALVE RELATED TO XV-580211A	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1093	2	SV-580211B	SOLENOID VALVE RELATED TO XV-580211B	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1094	2	SV-580212	SOLENOID VALVE RELATED TO XV-580212	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1095	2	SV-580XXX	SOLENOID VALVE RELATED TO XV-580XXX	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1096	2	SV-590101	SOLENOID VALVE RELATED TO XV-590101	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1097	2	SV-590102	SOLENOID VALVE RELATED TO XV-590102	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1098	2	SV-590103A	SOLENOID VALVE RELATED TO XV-590103A	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1099	2	SV-590103B	SOLENOID VALVE RELATED TO XV-590103B	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1100	2	SV-590104	SOLENOID VALVE RELATED TO XV-590104	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-



			 		TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 57 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
1101	2	SV-590105	SOLENOID VALVE RELATED TO XV-590105	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1102	2	SV-590106	SOLENOID VALVE RELATED TO XV-590106	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1103	2	SV-590108	SOLENOID VALVE RELATED TO XV-590108	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1104	2	SV-590109	SOLENOID VALVE RELATED TO XV-590109	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1105	2	SV-590110	SOLENOID VALVE RELATED TO XV-590110	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1106	2	SV-590111	SOLENOID VALVE RELATED TO XV-590111	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1107	2	SV-590112	SOLENOID VALVE RELATED TO XV-590112	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1108	2	SV-590113	SOLENOID VALVE RELATED TO XV-590113	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1109	2	SV-590114	SOLENOID VALVE RELATED TO XV-590114	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1110	2	SV-590116	SOLENOID VALVE RELATED TO XV-590116	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1111	2	SV-590117	SOLENOID VALVE RELATED TO XV-590117	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1112	2	SV-590118	SOLENOID VALVE RELATED TO XV-590118	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1113	2	SV-590121	SOLENOID VALVE RELATED TO XV-590121	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1114	2	SV-590122	SOLENOID VALVE RELATED TO XV-590122	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1115	2	SV-590123	SOLENOID VALVE RELATED TO XV-590123	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1116	2	SV-590107	SOLENOID VALVE RELATED TO XV-590107	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1117	2	SV-590201	SOLENOID VALVE RELATED TO XV-590201	-	-	-	-	-	-	7B-Z-0-2-25	-	REMOTE SVP	-
1118	2	SV-590202	SOLENOID VALVE RELATED TO XV-590202	-	-	-	-	-	-	7B-Z-0-2-25	-	REMOTE SVP	-
1119	2	SV-590203A	SOLENOID VALVE RELATED TO XV-590203A	-	-	-	-	-	-	-	-	-	4
1120	2	SV-590210	SOLENOID VALVE RELATED TO XV-590210	-	-	-	-	-	-	7B-Z-0-2-25	-	REMOTE SVP	-




					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 58 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
1121	2	SV-590211	SOLENOID VALVE RELATED TO XV-590211	-	-	-	-	-	-	7B-Z-0-2-25	-	REMOTE SVP	-
1122	2	SV-590212	SOLENOID VALVE RELATED TO XV-590212	-	-	-	-	-	-	7B-Z-0-2-25	-	REMOTE SVP	-
1123	2	SV-590213	SOLENOID VALVE RELATED TO XV-590213	-	-	-	-	-	-	7B-Z-0-2-25	-	REMOTE SVP	-
1124	2	SV-590214	SOLENOID VALVE RELATED TO XV-590214	-	-	-	-	-	-	7B-Z-0-2-25	-	REMOTE SVP	-
1125	2	SV-590115A	SOLENOID VALVE RELATED TO XV-590115A	-	-	-	-	-	-	7B-Z-0-2-24	-	-	4
1126	2	SV-590215A	SOLENOID VALVE RELATED TO XV-590215A	-	-	-	-	-	-	7B-Z-0-2-25	-	REMOTE SVP	-
1127	2	SV-590115B	SOLENOID VALVE RELATED TO XV-590115B	-	-	-	-	-	-	7B-Z-0-2-24	-	-	4
1128	2	SV-590215B	SOLENOID VALVE RELATED TO XV-590215B	-	-	-	-	-	-	7B-Z-0-2-25	-	REMOTE SVP	-
1129	2	SV-590216	SOLENOID VALVE RELATED TO XV-590216	-	-	-	-	-	-	7B-Z-0-2-25	-	REMOTE SVP	-
1130	2	SV-590217	SOLENOID VALVE RELATED TO XV-590217	-	-	-	-	-	-	7B-Z-0-2-25	-	REMOTE SVP	-
1131	2	SV-590218	SOLENOID VALVE RELATED TO XV-590218	-	-	-	-	-	-	7B-Z-0-2-25	-	REMOTE SVP	-
1132	2	SV-590221	SOLENOID VALVE RELATED TO XV-590221	-	-	-	-	-	-	7B-Z-0-2-25	-	REMOTE SVP	-
1133	2	SV-590222	SOLENOID VALVE RELATED TO XV-590222	-	-	-	-	-	-	7B-Z-0-2-25	-	REMOTE SVP	-
1134	2	SV-590223	SOLENOID VALVE RELATED TO XV-590223	-	-	-	-	-	-	7B-Z-0-2-25	-	REMOTE SVP	-
1135	2	SV-640106	SOLENOID VALVE RELATED TO XV-640106	-	-	-	-	-	-	7B-Z-0-2-23	-	REMOTE SVP	-
1136	2	SV-540111	SOLENOID VALVE RELATED TO XV-540111	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-
1137	2	SV-540120	SOLENOID VALVE RELATED TO XV-540120	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-
1138	2	SV-540131A	SOLENOID VALVE RELATED TO XV-540131A	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-
1139	2	SV-540131B	SOLENOID VALVE RELATED TO XV-540131B	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-
1140	2	SV-540133A	SOLENOID VALVE RELATED TO XV-540133A	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-





			 		TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 59 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
1141	2	SV-540133B	SOLENOID VALVE RELATED TO XV-540133B	-	-	-	-	-	-	7B-Z-0-2-08	-	REMOTE SVP	-
1142	2	SV-370105	SOLENOID VALVE RELATED TO XV-370105	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1143	2	SV-370106	SOLENOID VALVE RELATED TO XV-370106	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1144	2	SV-370101	SOLENOID VALVE RELATED TO XV-370101	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1145	2	SV-370102	SOLENOID VALVE RELATED TO XV-370102	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1146	2	SV-370104	SOLENOID VALVE RELATED TO XV-370104	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1147	2	SV-370107	SOLENOID VALVE RELATED TO XV-370107	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1148	2	SV-370108	SOLENOID VALVE RELATED TO XV-370108	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1149	2	SV-370109	SOLENOID VALVE RELATED TO XV-370109	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1150	2	SV-370110	SOLENOID VALVE RELATED TO XV-370110	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1151	2	SV-370111	SOLENOID VALVE RELATED TO XV-370111	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1152	2	SV-370112	SOLENOID VALVE RELATED TO XV-370112	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1153	2	SV-370120	SOLENOID VALVE RELATED TO XV-370120	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1154	2	SV-370121	SOLENOID VALVE RELATED TO XV-370121	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1155	2	SV-370122	SOLENOID VALVE RELATED TO XV-370122	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1156	2	SV-370133A	SOLENOID VALVE RELATED TO XV-370133A	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1157	2	SV-370133B	SOLENOID VALVE RELATED TO XV-370133B	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1158	2	SV-370135	SOLENOID VALVE RELATED TO XV-370135	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1159	2	SV-370136	SOLENOID VALVE RELATED TO XV-370136	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1160	2	SV-370201	SOLENOID VALVE RELATED TO XV-370201	-	-	-	-	-	-	7B-Z-0-2-34	-	REMOTE SVP	-



			 		TITLE:						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 60 de 70
					INPUT AND OUTPUT LIST - PCS 7B						CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
1161	2	SV-370202	SOLENOID VALVE RELATED TO XV-370202	-	-	-	-	-	-	7B-Z-0-2-34	-	REMOTE SVP	-
1162	2	SV-370203A	SOLENOID VALVE RELATED TO XV-370203A	-	-	-	-	-	-	7B-Z-0-2-34	-	REMOTE SVP	-
1163	2	SV-370203B	SOLENOID VALVE RELATED TO XV-370203B	-	-	-	-	-	-	7B-Z-0-2-34	-	REMOTE SVP	-
1164	2	SV-370204	SOLENOID VALVE RELATED TO XV-370204	-	-	-	-	-	-	7B-Z-0-2-34	-	REMOTE SVP	-
1165	2	SV-370205	SOLENOID VALVE RELATED TO XV-370205	-	-	-	-	-	-	7B-Z-0-2-34	-	REMOTE SVP	-
1166	2	SV-370206	SOLENOID VALVE RELATED TO XV-370206	-	-	-	-	-	-	7B-Z-0-2-34	-	REMOTE SVP	-
1167	2	SV-370207	SOLENOID VALVE RELATED TO XV-370207	-	-	-	-	-	-	7B-Z-0-2-34	-	REMOTE SVP	-
1168	2	SV-370208	SOLENOID VALVE RELATED TO XV-370208	-	-	-	-	-	-	7B-Z-0-2-34	-	REMOTE SVP	-
1169	2	SV-370209	SOLENOID VALVE RELATED TO XV-370209	-	-	-	-	-	-	7B-Z-0-2-34	-	REMOTE SVP	-
1170	2	SV-370210	SOLENOID VALVE RELATED TO XV-370210	-	-	-	-	-	-	7B-Z-0-2-34	-	REMOTE SVP	-
1171	2	SV-370211	SOLENOID VALVE RELATED TO XV-370211	-	-	-	-	-	-	7B-Z-0-2-34	-	REMOTE SVP	-
1172	2	SV-370212	SOLENOID VALVE RELATED TO XV-370212	-	-	-	-	-	-	7B-Z-0-2-34	-	REMOTE SVP	-
1173	2	SV-370220	SOLENOID VALVE RELATED TO XV-370220	-	-	-	-	-	-	7B-Z-0-2-34	-	REMOTE SVP	-
1174	2	SV-370221	SOLENOID VALVE RELATED TO XV-370221	-	-	-	-	-	-	7B-Z-0-2-34	-	REMOTE SVP	-
1175	2	SV-370222	SOLENOID VALVE RELATED TO XV-370222	-	-	-	-	-	-	7B-Z-0-2-34	-	REMOTE SVP	-
1176	2	SV-370301	SOLENOID VALVE RELATED TO XV-370301	-	-	-	-	-	-	7B-Z-0-2-35	-	REMOTE SVP	-
1177	2	SV-370302	SOLENOID VALVE RELATED TO XV-370302	-	-	-	-	-	-	7B-Z-0-2-35	-	REMOTE SVP	-
1178	2	SV-370303A	SOLENOID VALVE RELATED TO XV-370303A	-	-	-	-	-	-	7B-Z-0-2-35	-	REMOTE SVP	-
1179	2	SV-370303B	SOLENOID VALVE RELATED TO XV-370303B	-	-	-	-	-	-	7B-Z-0-2-35	-	REMOTE SVP	-
1180	2	SV-370304	SOLENOID VALVE RELATED TO XV-370304	-	-	-	-	-	-	7B-Z-0-2-35	-	REMOTE SVP	-




					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 61 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
1181	2	SV-370305	SOLENOID VALVE RELATED TO XV-370305	-	-	-	-	-	-	7B-Z-0-2-35	-	REMOTE SVP	-
1182	2	SV-370306	SOLENOID VALVE RELATED TO XV-370306	-	-	-	-	-	-	7B-Z-0-2-35	-	REMOTE SVP	-
1183	2	SV-370307	SOLENOID VALVE RELATED TO XV-370307	-	-	-	-	-	-	7B-Z-0-2-35	-	REMOTE SVP	-
1184	2	SV-370308	SOLENOID VALVE RELATED TO XV-370308	-	-	-	-	-	-	7B-Z-0-2-35	-	REMOTE SVP	-
1185	2	SV-370309	SOLENOID VALVE RELATED TO XV-370309	-	-	-	-	-	-	7B-Z-0-2-35	-	REMOTE SVP	-
1186	2	SV-370310	SOLENOID VALVE RELATED TO XV-370310	-	-	-	-	-	-	7B-Z-0-2-35	-	REMOTE SVP	-
1187	2	SV-370311	SOLENOID VALVE RELATED TO XV-370311	-	-	-	-	-	-	-	-	-	4
1188	2	SV-370312	SOLENOID VALVE RELATED TO XV-370312	-	-	-	-	-	-	-	-	-	4
1189	2	SV-370320	SOLENOID VALVE RELATED TO XV-370320	-	-	-	-	-	-	7B-Z-0-2-35	-	REMOTE SVP	-
1190	2	SV-370321	SOLENOID VALVE RELATED TO XV-370321	-	-	-	-	-	-	7B-Z-0-2-35	-	REMOTE SVP	-
1191	2	SV-370322	SOLENOID VALVE RELATED TO XV-370322	-	-	-	-	-	-	7B-Z-0-2-35	-	REMOTE SVP	-
1192	2	SV-510101	250L MEDIA PREP TANK - TQ-5101 & MED DIST - TQ-5101 DEEP BOTTOM VALVE - SOLEN VALVE RELATED TO XV	-	-	-	-	-	-	7B-Z-0-2-01	-	REMOTE SVP	-
1193	2	SV-510103A	250L MEDIA PREP TANK - TQ-5101 & MED DIST - VALVE BETWEEN TP-5101-1 & FLQ-5101-1 - SOL VV REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	-	REMOTE SVP	-
1194	2	SV-510103B	250L MEDIA PREP TANK - TQ-5101 & MED DIST - FROM XV-510103A TO TRAP T-510103 - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	-	REMOTE SVP	-
1195	2	SV-510104A	250L MEDIA PREP TANK - TQ-5101 & MED DIST - VALVE BETWEEN FLQ-5101-1 & 2 - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	-	REMOTE SVP	-
1196	2	SV-510104B	250L MEDIA PREP TANK - TQ-5101 & MED DIST - VALVE FROM FLQ-5101-1 TO T-510204 - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	-	REMOTE SVP	-
1197	2	SV-510105	250L MEDIA PREP TANK - TQ-5101 & MED DIST - VALVE FROM FGA-5101-2 TO T-510204 - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	-	REMOTE SVP	-
1198	2	SV-510106	250L MEDIA PREP TANK - TQ-5101 & MED DIST - VALVE FROM FLQ-5101-2 TO T-510206 - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	-	REMOTE SVP	-
1199	2	SV-510107	250L MEDIA PREP TANK - TQ-5101 & MED DIST - VALVE FROM FGA-5101-2 TO T-510206 - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	-	REMOTE SVP	-
1200	2	SV-510108	250L MEDIA PREP TANK - TQ-5101 & MED DIST - CLEAN STEAM SUPPLY TO FGA-5101-2 - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	-	REMOTE SVP	-



				TITLE: INPUT AND OUTPUT LIST - PCS 7B							DOC NR.: 569-DB7A-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-004		SHEET.: 62 de 70 REV.: 2	
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
1201	2	SV-510109	250L MEDIA PREP TANK - TQ-5101 & MED DIST - CL COMP AIR SUPPLY TO FGA-5101-2 - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1202	2	SV-510110	250L MEDIA PREP TANK - TQ-5101 & MED DIST - CLN COMP AIR SUPPLY TO VENT - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1203	2	SV-510111	250L MEDIA PREP TANK - TQ-5101 & MED DIST - FROM PCV-510102 TO TQ-5101 - SOLENOID VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1204	2	SV-510112	250L MEDIA PREP TANK - TQ-5101 & MED DIST - CLEAN COMP AIR SUPPLY TO TQ-5101 - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1205	2	SV-510113	250L MEDIA PREP TANK - TQ-5101 & MED DIST - CLEAN STM SUPPLY TO FGA-5101-01 - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1206	2	SV-510114	250L MEDIA PREP TANK - TQ-5101 & MED DIST - CLEAN STEAM SUPPLY TO TQ-5101 - SOLEN VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1207	2	SV-510115A	250L MEDIA PREP TANK - TQ-5101 & MED DIST - CIP SYS 1 / WFI SPPLY TO TQ-5101 - SOL VALVE REL. XV-510115A	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1208	2	SV-510115B	250L MEDIA PREP TANK - TQ-5101 & MED DIST - CIP SYS NO.1 / WFI SUP TO COLL. HDER - S.VALVE TO XV-510115B	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1209	2	SV-510116	250L MEDIA PREP TANK - TQ-5101 & MED DIST - VALVE FROM TP-5101 TO PTQ-5311 - SOL VALVE TO XV-510116	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1210	2	SV-510117	250L MEDIA PREP TANK - TQ-5101 & MED DIST - TO 10-250L SING USE BAGS FILLING - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1211	2	SV-510118	250L MEDIA PREP TANK - TQ-5101 & MED DIST - TO 10-250L SING USE BAGS FILLING - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1212	2	SV-510119	250L MEDIA PREP TANK - TQ-5101 & MED DIST - TO 10-250L SING USE BAGS FILLING - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1213	2	SV-510120	250L MEDIA PREP TANK - TQ-5101 & MED DIST - CHILLED WATER LOOP 1, RETURN - SOL VALVE TO XV-530120	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1214	2	SV-510121	250L MEDIA PREP TANK - TQ-5101 & MED DIST - TO TQ-5101 SPR BALL NOZZLE E1 - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1215	2	SV-510122	250L MEDIA PREP TANK - TQ-5101 & MED DIST - TO TQ-5101 SPR BALL NOZZLE E2 - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1216	2	SV-510123	250L MEDIA PREP TANK - TQ-5101 & MED DIST - SPRAY BALLS E1 & E2 - SOLENOID VALVE REL. TO XV-510123	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1217	2	SV-510124	250L MEDIA PREP TANK - TQ-5101 & MED DIST - BAG FIL STATION TO CIP SYSTEM 2 RET - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1218	2	SV-510125	250L MEDIA PREP TANK - TQ-5101 & MED DIST - BAG FIL STATION TO CIP SYSTEM 2 RET - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1219	2	SV-510126	250L MEDIA PREP TANK - TQ-5101 & MED DIST - BAG FIL STATION TO ST TRAP T-510107 - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-01	- -	REMOTE SVP	-	
1220	2	SV-510201	4500L MEDIA PREP TANK - TQ-5102 - TQ-5102 BOTTOM DEEP VALVE - SOLENOID VALVE RELATED TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	



			 	TITLE: INPUT AND OUTPUT LIST - PCS 7B							DOC NR.: 569-DB7A-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-004		SHEET.: 63 de 70 REV.: 2	
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
1221	2	SV-510203A	4500L MEDIA PREP TANK - TQ-5102 - FROM TP-5102-1 TO FLQ-5102-1 - SOLENOID VALVE RELATED TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1222	2	SV-510203B	4500L MEDIA PREP TANK - TQ-5102 - FROM TP-5102-1 TO ST TRAP T-510203 - SOLENOID VALVE RELATED TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1223	2	SV-510204A	4500L MEDIA PREP TANK - TQ-5102 - VALVE BETWEEN FLQ-5102-1 & FLQ-5102-2 - SOL VALVE RELATED TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1224	2	SV-510204B	4500L MEDIA PREP TANK - TQ-5102 - FROM FLQ-5102-1 TO ST TRAP T-510204 - SOL VALVE RELATED TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1225	2	SV-510205	4500L MEDIA PREP TANK - TQ-5102 - FROM FGA-5101-2 TO ST TRAP T-510204 - SOL VALVE RELATED TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1226	2	SV-510207	4500L MEDIA PREP TANK - TQ-5102 - FROM FGA-5101-2 TO ST TRAP T-510206 - SOL VALVE RELATED TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1227	2	SV-510208	4500L MEDIA PREP TANK - TQ-5102 - CLEAN STEAM SUPPLY TO FGA-5101-2 - SOLENOID VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1228	2	SV-510209	4500L MEDIA PREP TANK - TQ-5102 - CLEAN COMP AIR SUPPLY TO FGA-5101-2 - SOLENOID VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1229	2	SV-510210	4500L MEDIA PREP TANK - TQ-5102 - CLEAN COMP AIR SUPPLY TO VENT OVER THE ROOF- SOL VALVE TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1230	2	SV-510211	4500L MEDIA PREP TANK - TQ-5102 - OUTLET OF PCV-510202 - SOLENOID VALVE RELATED TO XV-510211	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1231	2	SV-510212	4500L MEDIA PREP TANK - TQ-5102 - CLEAN COMP AIR SUPPLY TO FGA-5102-1 - SOLENOID VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1232	2	SV-510213	4500L MEDIA PREP TANK - TQ-5102 - CLEAN STEAM SUPPLY TO FGA-5102-1 - SOLENOID VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1233	2	SV-510214	4500L MEDIA PREP TANK - TQ-5102 - CLEAN STEAM SUPPLY TO TQ-5102 - SOLENOID VALVE RELATED TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1234	2	SV-510215A	4500L MEDIA PREP TANK - TQ-5102 - FROM TP-5101-2 TO TQ-5102 - SOLENOID VALVE RELATED TO XV-510215A	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1235	2	SV-510215B	4500L MEDIA PREP TANK - TQ-5102 - FROM TP-5101-2 TO STEAM TRAP T-510215 - SOLENOID VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1236	2	SV-510216	4500L MEDIA PREP TANK - TQ-5102 - FROM FLQ-5102-2 TO PTQ-5312 - SOLENOID VALVE REL TO XV-510216	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1237	2	SV-510217	4500L MEDIA PREP TANK - TQ-5102 - FROM FLQ-5102-2 TO TQ-5201/5202 - SOLENOID VALVE REL TO XV-510217	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1238	2	SV-510221	4500L MEDIA PREP TANK - TQ-5102 - VALVE TO SPRAY BALL E1 ON TQ-5102 - SOL VALVE REL TO XV-510221	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1239	2	SV-510222	4500L MEDIA PREP TANK - TQ-5102 - VALVE TO SPRAY BALL E2 ON TQ-5102 - SOL VALVE REL TO XV-510222	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1240	2	SV-510220	4500L MEDIA PREP TANK - TQ-5102 - CHILLED WATER LOOP 1, RETURN - SOL VALVE RELATED TO XV-510220	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	



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ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES	
											PANEL LAYOUT			
1241	2	SV-510223	4500L MEDIA PREP TANK - TQ-5102 - FROM TP-5101-2 TO SP BALLS E1/E2 ON TQ-5102 - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1242	2	SV-510225	SOLENOID VALVE RELATED TO XV-510225	-	-	-	-	-	-	-	- -	-	4	
1243	2	SV-510226	SOLENOID VALVE RELATED TO XV-510226	-	-	-	-	-	-	-	- -	-	4	
1244	2	SV-510231A	4500L MEDIA PREP TANK - TQ-5102 - FROM FLQ-5102-2 TO TQ-5201/5202 - SOL VALVE RELATED TO XV-510231A	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1245	2	SV-510231B	4500L MEDIA PREP TANK - TQ-5102 - FROM FLQ-5102-2 TO CIP SYSTEM 2, RETURN - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1246	2	SV-510232A	4500L MEDIA PREP TANK - TQ-5102 - FROM FLQ-5102-2 TO TQ-5202 - SOLENOID VALVE REL TO XV-510232A	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1247	2	SV-510232B	4500L MEDIA PREP TANK - TQ-5102 - FROM FLQ-5102-2 TO ST TRAP T-510232 - SOL VALVE REL TO XV-510232B	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1248	2	SV-510233A	4500L MEDIA PREP TANK - TQ-5102 - FROM FLQ-5102-2 TO TQ-5202 - SOLENOID VALVE REL TO XV-510233A	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1249	2	SV-510233B	4500L MEDIA PREP TANK - TQ-5102 - FROM CIP SYSTEM 2 SUPPLY TO TQ-5202 - SOL VALVE REL TO XV-510233B	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1250	2	SV-510234A	4500L MEDIA PREP TANK - TQ-5102 - FROM FLQ-5102-2 TO TQ-5201 - SOLENOID VALVE RELATED TO XV-510234A	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1251	2	SV-510234B	4500L MEDIA PREP TANK - TQ-5102 - FROM FLQ-5102-2 TO STEAM TRAP T-510234 - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1252	2	SV-510235A	4500L MEDIA PREP TANK - TQ-5102 - FROM FLQ-5102-2 TO TQ-5201 - SOLENOID VALVE RELATED TO XV-510235A	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1253	2	SV-510235B	4500L MEDIA PREP TANK - TQ-5102 - FROM CIP SYSTEM 2 SUPPLY TO TQ-5201 - SOL VALVE REL TO XV-510235B	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1254	2	SV-510236A	4500L MEDIA PREP TANK - TQ-5102 - FROM CIP SYSTEM 2 SUPPLY TO TQ-5202 - SOL VALVE REL TO XV-510236A	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1255	2	SV-510236B	4500L MEDIA PREP TANK - TQ-5102 - FROM CIP SYSTEM 2 SUPPLY TO ST TRAP T-510232 - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1256	2	SV-510237A	4500L MEDIA PREP TANK - TQ-5102 - FROM CIP SYSTEM 2 SUPPLY TO TQ-5201 - SOL VALVE REL TO XV-510237A	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1257	2	SV-510237B	4500L MEDIA PREP TANK - TQ-5102 - FROM CIP SYSTEM 2 SUPPLY TO TRAP T-510234 - SOL VALVE REL TO XV	-	-	-	-	-	-	7B-Z-0-2-02	- -	REMOTE SVP	-	
1258	2	SV-920101	SOLENOID VALVE RELATED TO XV-920101	-	-	-	-	-	1	7B-Z-0-2-62	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-06	-	
1259	2	SV-920103	SOLENOID VALVE RELATED TO XV-920103	-	-	-	-	-	-	7B-Z-0-2-33	- -	-	4	
1260	2	SV-370103A	SOLENOID VALVE RELATED TO XV-370103A	-	-	-	-	-	-	7B-Z-0-2-33	- -	REMOTE SVP	-	

					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 65 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
1261	2	SV-920103	SOLENOID VALVE RELATED TO XV-920103	-	-	-	-	-	1	7B-Z-0-2-62	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-06	-
1262	2	SV-370103B	SOLENOID VALVE RELATED TO XV-370103B	-	-	-	-	-	-	7B-Z-0-2-33	-	REMOTE SVP	-
1263	2	SV-510202	4500L MEDIA PREP TANK - TQ-5102 - FROM TQ-5102 TO ST TRAP T-510202 - SOLENOID VALVE RELATED TO XV	-	-	-	-	-	-	7B-Z-0-2-02	-	REMOTE SVP	-
1264	2	SV-561302	SOLENOID VALVE RELATED TO XV-561302	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1265	2	SV-561304	SOLENOID VALVE RELATED TO XV-561304	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1266	2	SV-561101A	SOLENOID VALVE RELATED TO XV-561101A	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1267	2	SV-561101B	SOLENOID VALVE RELATED TO XV-561101B	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1268	2	SV-561101C	SOLENOID VALVE RELATED TO XV-561101C	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1269	2	SV-561101D	SOLENOID VALVE RELATED TO XV-561101D	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1270	2	SV-561102	SOLENOID VALVE RELATED TO XV-561102	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1271	2	SV-561103A	SOLENOID VALVE RELATED TO XV-561103A	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1272	2	SV-561103B	SOLENOID VALVE RELATED TO XV-561103B	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1273	2	SV-561103C	SOLENOID VALVE RELATED TO XV-561103C	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1274	2	SV-561104	SOLENOID VALVE RELATED TO XV-561104	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1275	2	SV-561105	SOLENOID VALVE RELATED TO XV-561105	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1276	2	SV-561106A	SOLENOID VALVE RELATED TO XV-561106A	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1277	2	SV-561106B	SOLENOID VALVE RELATED TO XV-561106B	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1278	2	SV-561106C	SOLENOID VALVE RELATED TO XV-561106C	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1279	2	SV-561107	SOLENOID VALVE RELATED TO XV-561107	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1280	2	SV-561108A	SOLENOID VALVE RELATED TO XV-561108A	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-

			 		TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 66 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
1281	2	SV-560126A	SOLENOID VALVE RELATED TO XV-560126A	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1282	2	SV-560126B	SOLENOID VALVE RELATED TO XV-560126B	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1283	2	SV-561108B	SOLENOID VALVE RELATED TO XV-561108B	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1284	2	SV-561201A	SOLENOID VALVE RELATED TO XV-561201A	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1285	2	SV-561201B	SOLENOID VALVE RELATED TO XV-561201B	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1286	2	SV-561201C	SOLENOID VALVE RELATED TO XV-561201C	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1287	2	SV-561201D	SOLENOID VALVE RELATED TO XV-561201D	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1288	2	SV-561202	SOLENOID VALVE RELATED TO XV-561202	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1289	2	SV-561203A	SOLENOID VALVE RELATED TO XV-561203A	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1290	2	SV-561203B	SOLENOID VALVE RELATED TO XV-561203B	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1291	2	SV-561203C	SOLENOID VALVE RELATED TO XV-561203C	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1292	2	SV-561204	SOLENOID VALVE RELATED TO XV-561204	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1293	2	SV-561205	SOLENOID VALVE RELATED TO XV-561205	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1294	2	SV-561206A	SOLENOID VALVE RELATED TO XV-561206A	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1295	2	SV-561206B	SOLENOID VALVE RELATED TO XV-561206B	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1296	2	SV-561206C	SOLENOID VALVE RELATED TO XV-561206C	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1297	2	SV-561207	SOLENOID VALVE RELATED TO XV-561207	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1298	2	SV-561208A	SOLENOID VALVE RELATED TO XV-561208A	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1299	2	SV-561208B	SOLENOID VALVE RELATED TO XV-561208B	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1300	2	SV-570124B	SOLENOID VALVE RELATED TO XV-570124B	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-

					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 67 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
1301	2	SV-570125A	SOLENOID VALVE RELATED TO XV-570125A	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1302	2	SV-570125B	SOLENOID VALVE RELATED TO XV-570125B	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1303	2	SV-570224A	SOLENOID VALVE RELATED TO XV-570224A	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1304	2	SV-570224B	SOLENOID VALVE RELATED TO XV-570224B	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1305	2	SV-570225A	SOLENOID VALVE RELATED TO XV-570225A	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1306	2	SV-570225B	SOLENOID VALVE RELATED TO XV-570225B	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1307	2	SV-570226A	SOLENOID VALVE RELATED TO XV-570226A	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1308	2	SV-570226B	SOLENOID VALVE RELATED TO XV-570226B	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1309	2	SV-7701/211	SOLENOID VALVE RELATED TO XV-7701/211	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1310	2	SV-7701/212	SOLENOID VALVE RELATED TO XV-7701/212	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1311	2	SV-7701/213	SOLENOID VALVE RELATED TO XV-7701/213	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1312	2	SV-560224C	SOLENOID VALVE RELATED TO XV-560224C	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
1313	2	SV-560227B	SOLENOID VALVE RELATED TO XV-560227B	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
1314	2	SV-560234	SOLENOID VALVE RELATED TO XV-560234	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
1315	2	SV-560237B	SOLENOID VALVE RELATED TO XV-560237B	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
1316	2	SV-560239B	SOLENOID VALVE RELATED TO XV-560239B	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
1317	2	SV-560240B	SOLENOID VALVE RELATED TO XV-560240B	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
1318	2	SV-560244	SOLENOID VALVE RELATED TO XV-560244	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
1319	2	SV-560246	SOLENOID VALVE RELATED TO XV-560243	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
1320	2	SV-560247	SOLENOID VALVE RELATED TO XV-560246	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-

					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001		SHEET.: 68 de 70
											CLIENT NR.: PRD-AIC-LIS-004		REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES
											PANEL LAYOUT		
1321	2	SV-560248	SOLENOID VALVE RELATED TO XV-560247	-	-	-	-	-	-	7B-Z-0-2-14	-	REMOTE SVP	-
1322	2	SV-561301A	SOLENOID VALVE RELATED TO XV-561301A	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1323	2	SV-561301B	SOLENOID VALVE RELATED TO XV-561301B	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1324	2	SV-561301C	SOLENOID VALVE RELATED TO XV-561301C	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1325	2	SV-561301D	SOLENOID VALVE RELATED TO XV-561301D	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1326	2	SV-561303A	SOLENOID VALVE RELATED TO XV-561303A	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1327	2	SV-561303B	SOLENOID VALVE RELATED TO XV-561303B	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1328	2	SV-561303C	SOLENOID VALVE RELATED TO XV-561303C	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1329	2	SV-561305	SOLENOID VALVE RELATED TO XV-561305	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1330	2	SV-561306A	SOLENOID VALVE RELATED TO XV-561306A	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1331	2	SV-561306B	SOLENOID VALVE RELATED TO XV-561306B	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1332	2	SV-561306C	SOLENOID VALVE RELATED TO XV-561306C	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1333	2	SV-561307	SOLENOID VALVE RELATED TO XV-561307	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1334	2	SV-561308A	SOLENOID VALVE RELATED TO XV-561308A	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1335	2	SV-561308B	SOLENOID VALVE RELATED TO XV-561308B	-	-	-	-	-	-	7B-Z-0-2-20	-	REMOTE SVP	-
1336	2	SV-570223	SOLENOID VALVE RELATED TO XV-570223	-	-	-	-	-	-	7B-Z-0-2-22	-	REMOTE SVP	-
1337	2	SV-590120	SOLENOID VALVE RELATED TO XV-590120	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1338	2	SV-590203A	SOLENOID VALVE RELATED TO XV-590203A	-	-	-	-	-	-	7B-Z-0-2-24	-	REMOTE SVP	-
1339	2	SV-590220	SOLENOID VALVE RELATED TO XV-590220	-	-	-	-	-	-	7B-Z-0-2-25	-	REMOTE SVP	-
1340	2	SV-370234	SOLENOID VALVE RELATED TO XV-370234	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-06	-

					TITLE: INPUT AND OUTPUT LIST - PCS 7B						DOC NR.: 569-DB7A-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-004		SHEET.: 69 de 70 REV.: 2
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS PANEL LAYOUT	REMOTE	NOTES
1341	2	SV-370235	SOLENOID VALVE RELATED TO XV-370235	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-06	-
1342	2	SV-370236	SOLENOID VALVE RELATED TO XV-370236	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-06	-
1343	2	SV-370237	SOLENOID VALVE RELATED TO XV-370237	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-06	-
1344	2	SV-370238	SOLENOID VALVE RELATED TO XV-370238	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-06	-
1345	2	SV-370239	SOLENOID VALVE RELATED TO XV-370239	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-06	-
1346	2	SV-370240	SOLENOID VALVE RELATED TO XV-370240	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-06	-
1347	2	SV-370241	SOLENOID VALVE RELATED TO XV-370241	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-06	-
1348	2	SV-370242	SOLENOID VALVE RELATED TO XV-370242	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-06	-
1349	2	SV-370243	SOLENOID VALVE RELATED TO XV-370243	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-06	-
1350	2	SV-370244	SOLENOID VALVE RELATED TO XV-370244	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-06	-
1351	2	SV-370245	SOLENOID VALVE RELATED TO XV-370245	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-
1352	2	SV-370246	SOLENOID VALVE RELATED TO XV-370246	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-
1353	2	SV-370247	SOLENOID VALVE RELATED TO XV-370247	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-
1354	2	SV-370248	SOLENOID VALVE RELATED TO XV-370248	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-
1355	2	SV-370249	SOLENOID VALVE RELATED TO XV-370249	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-
1356	2	SV-370251	SOLENOID VALVE RELATED TO XV-370251	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-
1357	2	SV-370252	SOLENOID VALVE RELATED TO XV-370252	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-
1358	2	SV-370253	SOLENOID VALVE RELATED TO XV-370253	-	-	-	-	-	1	7B-Z-0-2-39	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-
1359	2	SV-770147	SOLENOID VALVE RELATED TO XV-770147	-	-	-	-	-	1	7B-Z-0-2-45	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-
1360	2	SV-770148	SOLENOID VALVE RELATED TO XV-770148	-	-	-	-	-	1	7B-Z-0-2-45	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-
1361	2	SV-800001	SOLENOID VALVE RELATED TO XV-800001	-	-	-	-	-	1	7B-Z-0-2-45	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-
1362	2	SV-800002	SOLENOID VALVE RELATED TO XV-800002	-	-	-	-	-	1	7B-Z-0-2-45	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-

<div><div><div><div></div><div>TESSLER</div></div><div>Engenharia</div></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><div><small>Origem: Unidade de Hemoderivação e Hemocromatose</small></div></div></div></div>			TITLE:					INPUT AND OUTPUT LIST - PCS 7B			DOC NR.: 569-DB7A-AIC-330-001 CLIENT NR.: PRD-AIC-LIS-004		SHEET.: 70 de 70 REV.: 2	
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	ETHERTNE T COMM.	P&ID N° OR EQUIPMENT	WIRING DIAGRAMS	REMOTE	NOTES				
											PANEL LAYOUT						
1363	2	SV-770226	SOLENOID VALVE RELATED TO XV-770226	-	-	-	-	-	1	7B-Z-0-2-47	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-				
1364	2	SV-770227	SOLENOID VALVE RELATED TO XV-770227	-	-	-	-	-	1	7B-Z-0-2-47	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-				
1365	2	SV-800003	SOLENOID VALVE RELATED TO XV-800003	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-				
1366	2	SV-800004	SOLENOID VALVE RELATED TO XV-800004	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-				
1367	2	SV-800005	SOLENOID VALVE RELATED TO XV-800005	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-				
1368	2	SV-800006	SOLENOID VALVE RELATED TO XV-800006	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-				
1369	2	SV-800007	SOLENOID VALVE RELATED TO XV-800007	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-				
1370	2	SV-800008	SOLENOID VALVE RELATED TO XV-800008	-	-	-	-	-	-	-	- -	-	4				
1371	2	SV-770228	SOLENOID VALVE RELATED TO XV-770228	-	-	-	-	-	1	7B-Z-0-2-48	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-				
1372	2	SV-630209	SOLENOID VALVE RELATED TO XV-630209	-	-	-	-	-	1	7B-Z-0-2-58	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-				
1373	2	SV-640107	SOLENOID VALVE RELATED TO XV-640107	-	-	-	-	-	1	7B-Z-0-2-61	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-				
1374	2	SV-920102	SOLENOID VALVE RELATED TO XV-920102	-	-	-	-	-	1	7B-Z-0-2-62	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-				
1375	2	SV-920104	SOLENOID VALVE RELATED TO XV-920104	-	-	-	-	-	1	7B-Z-0-2-62	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-				
1376	2	SV-920106	SOLENOID VALVE RELATED TO XV-920106	-	-	-	-	-	1	7B-Z-0-2-62	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-				
1377	2	SV-920109	SOLENOID VALVE RELATED TO XV-920109	-	-	-	-	-	1	7B-Z-0-2-62	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-				
1378	2	SV-590203B	SOLENOID VALVE RELATED TO XV-590203B	-	-	-	-	-	-	7B-Z-0-2-24	- -	REMOTE SVP	-				
1379	2	SV-770150	SOLENOID VALVE RELATED TO XV-770150	-	-	-	-	-	1	7B-Z-0-2-44	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-				
1380	2	SV-770151	SOLENOID VALVE RELATED TO XV-770151	-	-	-	-	-	1	7B-Z-0-2-44	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-				
1381	2	SV-770330	SOLENOID VALVE RELATED TO XV-770330	-	-	-	-	-	1	7B-Z-0-2-50	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-				
1382	2	SV-770331	SOLENOID VALVE RELATED TO XV-770331	-	-	-	-	-	1	7B-Z-0-2-50	7B-I-0-3-30 7B-I-0-3-30	SVP-B1031-07	-				
1383	2	SPARE	-	-	-	-	-	-	-	-	- -	-	-				
1384			TOTAL SOLENOID VALVE POINTS						158								
1385			(CONNECTED ON ETHERNET THRU SVP)						SV								
(*) LOCATION C=FIELD F=IN FRONT OF PAINEL P=OPERATOR CONSOLE I=PLC																	