

2	ISSUED FOR CO	INSTRUCTION C	STRUCTION CONSIDERING COMMENTS										
1	ISSUED FOR CO	INSTRUCTION C	ONSIDERING CO	MMENTS							TESSLER INA		<b>1</b> ■1Hemobrás
0	ISSUED FOR CO	NSTRUCTION									engenharia IPS	4 Takeda	Empresa brasile ira de hemedenivados e isrotecnología
В	90% DD ISSUE												
Α	30% DD ISSUE										DOC NR:	CLIENT NR:	
REV		DESCRIPTION							569-DB07A-AIC-310-001	PRD	O-AIC-LIS-009		
REVIEW	REV. A	REV. B	REV. 0	REV. 1	REV. 2	REV. 3	REV. 4	REV. 5	REV. 6	REV. 7	CLIENT:		
DATE	08FEV2021	06OCT2021	26NOV2021	25JAN2022	18APR2022						TAKEDA / BAXALTA		
EXEC	MAB	AG	AG	MAB	MAV						PROJECT:		REV.:
CHECK	MAL	MAF	MAF	MAF	MAF						BURITI EPCMV PROJECT		,
APPRO\	/ MAJ	RSP	RSP	RSP	RSP								







## **DRUG PRODUCT**

ı	DOC NR.: 569-DB07A-AIC-310-001	SHEET.: 2 de 22
ı	DOC NR.: PRD-AIC-LIS-009	REV.: <b>2</b>

engenharia <b>193</b>	PCS -	NSTRUMENT INDEX	PRD-AIC-LIS-009	2
1 - SUPPLIED WITH THE SKID	THE PROCESS WIREY SHEET TO WANTE TO THE			
	THE PROCESS INDEX SHEET DRAWING 7A-Z-0-01			
3 - FOR SVP (SOLENOID VALVE PANEL) SI	E DRAWING /A-I-0-3-2/			
	REVISION B - NOTES			
	1. UPDATED ACCORDING LAST REVISION PCS ARCHITECTURE - DRAWING N	IR 7A-I-0-1-01 I		
	REVISION 0 - NOTES			
	UPDATED ACCORDING NEW DECIISSUED FOR CONSTRUCTION CONSIDE	RING COMMENTSSIONS ABOUT PROCESS CO	ONTROL	
	REVISION 1 - NOTES			
	1. CANCELLED INSTRUMENTS: PSV-110601 / XV-640110 / TT-110101 / SMR			
	SMP-380501 / SMP-380601 / SMP-380701 / TE-390109 / TE-390112 / TE-390115 / TT-390109 / TT-390101 / TT-390115 / TT-390101 / TT-39010 / TT-		-	
	110501 / AE-110501 / PI-110504 / XV-640103 / SV-640103 / TI-110504 / PI 430101 / FT-7700102 / FE-7700102 / LT-770101 / TT-7700101 / TT-770010	-110604 / XV-640103 / SV-640103 / TI-1106	504 / LSH-	
	TI-770103 / SV-640106 / TT-640102 / TE-640102 / XV-640105 / SV-640105		1-7701017	
	2. ADDED INSTRUMENTS: PI-900209 / PI-900109 / TIT-390124 / XV-390123	3 / PI-430000 / PD-430001 / LSL-430002 / LS	SH-430101 /	
	XV-430001 / XV-430002 / XV-430003 / TI-640101 / TI-640102 / TIT-470106			
	REVISION 2 - NOTES			
	1. ADDED NOTE 3.			

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ID	REV	TAG Nr.	SERVICE	P&ID LINE OR EQUIP	LOC. (*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
1	1	PCV-380101	AIR SUPPLY CLEAN COMPRESSED	7A-Z-0-2-01	С	-	-	-	1
2	1	PI-380203	BUFFER PREP - CHILLED WATER LOOP RETURN FROM TQ-3802	7A-Z-0-2-01	С	-	-	-	1
3	1	PIT-380101	BUFFER/PRODUCT TANK TQ-3801 PRESSURE TRANSMITTER	7A-Z-0-2-01	С	-	-	-	1
4	1	PI-380101	BUFFER PREP - INLET LINE OF TQ-3801	7A-Z-0-2-01	С	-	-	-	1
5	1	PIT-380201	BUFFER/PRODUCT TANK TQ-3802 PRESSURE TRANSMITTER	7A-Z-0-2-01	С	-	-	-	1
6	1	PI-380202	BUFFER PREP - CHILLED WATER LOOP SUPPLY TO TQ-3802	7A-Z-0-2-01	С	-	-	-	1
7	1	PIT-380301	BUFFER/PRODUCT TANK TQ-3803 PRESSURE TRANSMITTER	7A-Z-0-2-01	С	-	-	-	1
8	1	PI-380303	BUFFER PREP - CHILLED WATER LOOP RETURN FROM TQ-3803	7A-Z-0-2-01	С	-	-	-	1
9	1	PI-380302	BUFFER PREP - CHILLED WATER LOOP SUPPLY TO TQ-3803	7A-Z-0-2-01	С	-	-	-	1
10	1	SC-AG-3801	SPEED CONTROL OF AGITATOR AG-3801 ON BUFFER/PRODUCT TANK TQ-3801	7A-Z-0-2-01	С	-	-	-	1
11	1	SC-AG3802	SPEED CONTROL OF AGITATOR AG-3802 ON BUFFER/PRODUCT TANK TQ-3802	7A-Z-0-2-01	С	-	-	-	1
12	1	SC-AG3803	SPEED CONTROL OF AGITATOR AG-3803 ON BUFFER/PRODUCT TANK TQ-3803	7A-Z-0-2-01	С	-	-	-	1
13	1	TIT-380101	BUFFER/PRODUCT TANK TQ-3801 TEMPERATURE SENSOR AND TRANSMITTER	7A-Z-0-2-01	С	-	-	-	1
14	1	TE-380101	DRUG PRODUCT - BUFFER PREP	7A-Z-0-2-01	С	-	-	-	1
15	1	TT-380201	BUFFER/PRODUCT TANK TQ-3802 TEMPERATURE SENSOR AND TRANSMITTER	7A-Z-0-2-01	С	-	-	-	1
16	1	TE-380201	DRUG PRODUCT - BUFFER PREP	7A-Z-0-2-01	С	-	-	-	1
17	1	TIT-380301	BUFFER/PRODUCT TANK TQ-3803 TEMPERATURE SENSOR AND TRANSMITTER	7A-Z-0-2-01	С	-	-	-	1
18	1	TE-380301	DRUG PRODUCT - BUFFER PREP	7A-Z-0-2-01	С	-	-	-	1
19	1	TI-380202	BUFFER PREP - CHILLED WATER LOOP SUPPLY TO TQ-3802	7A-Z-0-2-01	С	-	-	-	1
20	1	TI-380203	BUFFER PREP - CHILLED WATER LOOP RETURN FROM TQ-3802	7A-Z-0-2-01	С	-	-	-	1
21	1	TI-380302	BUFFER PREP - CHILLED WATER LOOP SUPPLY TO TQ-3803	7A-Z-0-2-01	С	-	-	-	1
22	1	TI-380303	BUFFER PREP - CHILLED WATER LOOP RETURN FROM TQ-3803	7A-Z-0-2-01	С	-	-	-	1

	TESSLER ips			TITLE:	PRO	DUCT	DOC NR.:  569-DB07A-AIC-310-001  CLIENT NR.:		SHEET.: 4 de 22 REV.:
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ID	REV	TAG Nr.	SERVICE	P&ID LINE OR EQUIP	LOC. (*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
23	1	WT-3801-1	DRUG PRODUCT - BUFFER PREP - WEIGHT TRANSMITTER	7A-Z-0-2-01	С	-	-	-	1
24	1	WE-3801-1	DRUG PRODUCT - BUFFER PREP	7A-Z-0-2-01	С	-	-	-	1
25	1	XV-380101	DRUG PRODUCT - BUFFER PREP - ON-OFF VALVE	7A-Z-0-2-01	С	-	-	-	1
26	1	SV-380101	SOLENOID VALVE RELATED TO ON-OFF XV- 380101 - CLEAN COMPR AIR SUPPLY TO BUFFER TANK TQ-3801	7A-Z-0-2-01	С	-	-	-	1
27	1	XV-380103	DRUG PRODUCT - BUFFER PREP VALVE - ON- OFF	7A-Z-0-2-01	С	-	-	-	1
28	1	SV-380103	SOLENOID VALVE RELATED TO ON-OFF XV- 380103 - FROM BUFFER TQ-3801 TO VENT OVER THE ROOF	7A-Z-0-2-01	С	-	-	-	1
29	1	XV-380202	DRUG PRODUCT - BUFFER PREP - ON-OFF VALVE	7A-Z-0-2-01	-	-	-	-	1
30	1	SV-380202	SOLENOID VALVE RELATED TO ON-OFF XV- 380202 - CHILLED WATER LOOP SUPPLY TO BUFFER TQ-3802	7A-Z-0-2-01	С	-	-	-	1
31	1	XV-380302	DRUG PRODUCT - BUFFER PREP - ON-OFF VALVE	7A-Z-0-2-01	С	-	-	-	1
32	1	SV-380302	SOLENOID VALVE RELATED TO ON-OFF XV- 380302 - CHILLED WATER LOOP SUPPLY TO BUFFER TQ-3803	7A-Z-0-2-01	С	-	-	-	1
33	1	PCV-390101	FORMULATION - CLEAN COMPRESSED AIR TO PTQ-3804	7A-Z-0-2-02	С	-	-	-	1
34	1	PCV-390201	FORMULATION - CLEAN COMPRESSED AIR TO PTQ-3805	7A-Z-0-2-02	С	-	-	-	1
35	1	PCV-390301	FORMULATION - CLEAN COMPRESSED AIR TO PTQ-3806	7A-Z-0-2-02	С	-	-	-	1
36	1	PIT-380401	BUFFER/PRODUCT TANK PTQ-3804 PRESSURE TRANSMITTER	7A-Z-0-2-02	С	-	-	-	1
37	1	PI-390101	FORMULATION - CLEAN COMPRESSED AIR TO PTQ-3804	7A-Z-0-2-02	С	-	-	-	1
38	1	PIT-380501	BUFFER/PRODUCT TANK PTQ-3805 PRESSURE TRANSMITTER	7A-Z-0-2-02	С	-	-	-	1
39	1	PIT-380601	DRUG PRODUCT - FORMULATION	7A-Z-0-2-02	С	-	-	-	1
40	1	PI-390201	FORMULATION - CLEAN COMPRESSED AIR TO PTQ-3805 -PRESSURE INDICATOR	7A-Z-0-2-02	С	-	-	-	1
41	1	PI-390103	FORMULATION - CHILLED WATER LOOP RETURN FROM PTQ-3804 - PR. INDICATOR	7A-Z-0-2-02	С	-	-	-	1
42	1	PI-390203	FORMULATION - CHILLED WATER LOOP RETURN FROM PTQ-3805 - PR. INDICATOR	7A-Z-0-2-02	С	-	-	-	1

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ID	REV	TAG Nr.	SERVICE	P&ID LINE OR EQUIP	LOC.	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
43	1	PI-390301	FORMULATION - CLEAN COMPRESSED AIR TO PTQ-3806 - PRESSURE INDICATOR	7A-Z-0-2-02	С	-	-	-	1
44	1	PI-390102	FORMULATION - CHILLED WATER LOOP SUPPLY TO PTQ-3804 - PRESSURE INDICATOR	7A-Z-0-2-02	С	-	-	-	1
45	1	PI-390202	FORMULATION - CHILLED WATER LOOP SUPPLY TO PTQ-3805 - PRESSURE INDICATOR	7A-Z-0-2-02	С	-	-	-	1
46	1	PI-390302	FORMULATION - TEMPERATED WATER SUPPLY TO PTQ-3806 - PRESSURE INDICATOR	7A-Z-0-2-02	С	-	-	-	1
47	1	PI-390303	FORMULATION - TEMPERATED WATER RETURN FROM PTQ-3806 - PRESSURE INDICATOR	7A-Z-0-2-02	С	-	-	-	1
48	1	PI-380701	FORMULATION - PRESSURE INDICATOR ON PTQ- 3807	7A-Z-0-2-02	С	-	-	-	1
49	1	SC-AG3901	SPEED CONTROL OF AGITATOR AG-3901 ON BUFFER/PRODUCT TANK PTQ-3804	7A-Z-0-2-02	С	-	-	-	1
50	1	SC-AG3902	SPEED CONTROL OF AGITATOR AG-3902 ON BUFFER/PRODUCT TANK PTQ-3805	7A-Z-0-2-02	С	-	-	-	1
51	1	SC-AG3903	SPEED CONTROL OF AGITATOR AG-3903 ON BUFFER/PRODUCT TANK PTQ-3806	7A-Z-0-2-02	С	-	-	-	1
52	1	TT-380501	TEMPERATURE SENSOR AND TRANSMITTER ON BUFFER/PRODUCT TANK PTQ-3805	7A-Z-0-2-02	С	-	-	-	1
53	1	TE-380501	DRUG PRODUCT - FORMULATION	7A-Z-0-2-02	С	-	-	-	1
54	1	TT-380401	TEMPERATURE SENSOR AND TRANSMITTER ON BUFFER/PRODUCT TANK PTQ-3804	7A-Z-0-2-02	С	-	-	-	1
55	1	TE-380401	DRUG PRODUCT - FORMULATION	7A-Z-0-2-02	С	-	-	-	1
56	1	TT-380701	TEMPERATURE SENSOR AND TRANSMITTER ON BUFFER/PRODUCT TANK PTQ-3807	7A-Z-0-2-02	С	-	-	-	1
57	1	TE-380701	DRUG PRODUCT - FORMULATION	7A-Z-0-2-02	С	-	-	-	1
58	1	TT-380601	TEMPERATURE SENSOR AND TRANSMITTER ON BUFFER/PRODUCT TANK PTQ-3806	7A-Z-0-2-02	С	-	-	-	1
59	1	TE-380601	DRUG PRODUCT - FORMULATION	7A-Z-0-2-02	С	-	-	-	1
60	1	TI-390102	FORMULATION - CHILLED WATER LOOP SUPPLY TO PTQ-3804 - TEMPERATURE INDICATOR	7A-Z-0-2-02	С	-	-	-	1
61	1	TI-390103	FORMULATION - CHILLED WATER LOOP RETURN FROM PTQ-3804 - TEMP. INDICATOR	7A-Z-0-2-02	С	-	-	-	1
62	1	TI-390202	FORMULATION - CHILLED WATER LOOP SUPPLY TO PTQ-3805 - TEMPERATURE INDICATOR	7A-Z-0-2-02	С	-	-	-	1
63	1	TI-390203	FORMULATION - CHILLED WATER LOOP RETURN FROM PTQ-3805 - TEMP. INDICATOR	7A-Z-0-2-02	С	-	-	-	1
64	1	TI-390302	FORMULATION - TEMPERATED WATER SUPPLY TO PTQ-3806 - TEMPERATURE INDICATOR	7A-Z-0-2-02	С	-	-	-	1

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				P&ID	LOC.				
ID	REV	TAG Nr.	SERVICE	LINE OR EQUIP	(*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
65	1	111-390303	FORMULATION - TEMPERATED WATER RETURN FROM PTQ-3806 - TEMPERATURE INDICATOR	7A-Z-0-2-02	С	-	-	-	1
66	1		DRUG PRODUCT - FORMULATION ON-OFF VALVE	7A-Z-0-2-02	С	-	-	-	1
67	1	SV-390101	SOLENOID VALVE RELATED TO ON-OFF XV- 390101 - CLEAN COMPR AIR SUPPLY TO BUFFER TANK PTQ-3804	7A-Z-0-2-02	С	-	-	-	1
68	1	XV-390103	DRUG PRODUCT - FORMULATION ON-OFF VALVE	7A-Z-0-2-02	С	-	-	-	1
69	1	SV-390103	SOLENOID VALVE RELATED TO ON-OFF XV- 390103 - FROM BUFFER PTQ-3804 TO VENT OVER THE ROOF	7A-Z-0-2-02	С	-	-	-	1
70	1	TX V-390201	DRUG PRODUCT - FORMULATION ON-OFF VALVE	7A-Z-0-2-02	С	-	-	-	1
71	1	SV-390201	SOLENOID VALVE RELATED TO ON-OFF XV- 390201 - CLEAN COMPR AIR SUPPLY TO BUFFER TANK PTQ-3805	7A-Z-0-2-02	С	-	-	-	1
72	1	TX 1/-300103	DRUG PRODUCT - FORMULATION ON-OFF VALVE	7A-Z-0-2-02	С	-	-	-	1
73	1	SV-390102	SOLENOID VALVE RELATED TO ON-OFF XV- 390102 - CHILLED WATER LOOP SUPPLY TO BUFFER PTQ-3804	7A-Z-0-2-02	С	-	-	-	1
74	1	TX //_300203	DRUG PRODUCT - FORMULATION ON-OFF VALVE	7A-Z-0-2-02	С	-	-	-	1
75	1	SV-390203	SOLENOID VALVE RELATED TO ON-OFF XV- 390203 - FROM BUFFER PTQ-3805 TO VENT OVER THE ROOF	7A-Z-0-2-02	С	-	-	-	1
76	1	XV-390202	DRUG PRODUCT - FORMULATION ON-OFF VALVE	7A-Z-0-2-02	С	-	-	-	1
77	1	SV-390202	SOLENOID VALVE RELATED TO ON-OFF XV- 390202 - CHILLED WATER LOOP SUPPLY TO BUFFER PTQ-3805	7A-Z-0-2-02	С	-	-	-	1
78	1	I X V/_3QN3N1	DRUG PRODUCT - FORMULATION ON-OFF VALVE	7A-Z-0-2-02	С	-	-	-	1
79	1	SV-390301	SOLENOID VALVE RELATED TO ON-OFF XV- 390301 - CLEAN COMPR AIR SUPPLY TO BUFFER TANK PTQ-3806	7A-Z-0-2-02	С	-	-	-	1
80	1	X N-30U3U3	ON-OFF VALVE XV-390302 - TEMPERED WATER LOOP SUPPLY TO BUFFER PTQ-3806	7A-Z-0-2-02	С	-	-	-	1
81	1	SV-390302	SOLENOID VALVE RELATED TO ON-OFF XV- 390301 - CLEAN COMPR AIR SUPPLY TO BUFFER TANK PTQ-3806	7A-Z-0-2-02	С	-	-	-	1
82	1	XV-390303	ON-OFF VALVE XV-390302 - TEMPERED WATER LOOP SUPPLY TO BUFFER PTQ-3806	7A-Z-0-2-02	С	-	-	-	1

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15	חבע	TAC No.	OED/40E	P&ID	LOC.	ODEOUEIOATION OLIEETO	INOTALL ATION BETAIL	LOCATION DI ANI	NOTEO
ID	REV	TAG Nr.	SERVICE	LINE OR EQUIP	(*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
			SOLENOID VALVE RELATED TO ON-OFF XV-						
83	1	SV-390303	390303 - FROM BUFFER PTQ-3806 TO VENT	7A-Z-0-2-02	С	-	-	-	1
			OVER THE ROOF DRUG PRODUCT - FORMULATION - WEIGHT		-			<u> </u>	
84	1	WIT-3903-1	TRANSMITTER	7A-Z-0-2-02	С	-	-	-	1
85	1	WE-3903-1	DRUG PRODUCT - FORMULATION - WEIGHT	7A-Z-0-2-02	С	_	_	_	1
			ELEMENT STERILE FILTRATION - CLEAN COMPRESSEED		<b>+</b> -				<del>                                     </del>
86	1	PCV-390117	AIR SUPPLY TO FGA-3901-1	7A-Z-0-2-03	С	-	-	-	1
87	1	PI-390117	STERILE FILTRATION - CLEAN COMPRESSEED	7A-Z-0-2-03	С				1
- 67	'	F1-390117	AIR SUPPLY TO FGA-3901-1	7A-Z-0-Z-03	<u> </u>	-		-	
88	1	PI-390118	STERILE FILTRATION - INLET PRESSURE ON FIT- 3901	7A-Z-0-2-03	С	-	-	-	1
		DIT COOLS	STERILE FILTER FILTER FLQ-3901-1 INLET	74.7.0.00	<del> </del>				
89	1	PIT-390101	PRESSURE TRANSMITTER	7A-Z-0-2-03	С	-	-	-	1
90	1	PIT-390102	STERILE FILTER FILTER FLQ-3901-1 OUTLET	7A-Z-0-2-03	С	_	<u>-</u>	_	1
			PRESSURE TRANSMITTER STERILE FILTER FILTER FLQ-3901-2 OUTLET		-				
91	1	PIT-390103	PRESSURE TRANSMITTER	7A-Z-0-2-03	С	-	-	-	1
92	1	SV-390101	DRUG PRODUCT - STERILE FILTRATION	7A-Z-0-2-03	С	_	_	_	1
	'	07 000101	FIL-3901	777 2 0 2 00	+				
93	1	SV-390102	STERILE FILTER FILTER FLQ-3901-2 INLET SOLENOID VALVE	7A-Z-0-2-03	С	-	-	-	1
0.4	1	TE-390102	DRUG PRODUCT - STERILE FILTRATION	74 7 0 2 02	С				1
94	<u>'</u>	1E-390102	FIL-3901 - TEMPERATURE ELEMENT	7A-Z-0-2-03		-	-	-	_ '
95	1	TE-390102	DRUG PRODUCT - STERILE FILTRATION FIL-3901 - TEMPERATURE ELEMENT	7A-Z-0-2-03	С	-	-	-	1
			DRUG PRODUCT - STERILE FILTRATION		+				
96	1	TE-390106	FIL-3901 - TEMPERATURE ELEMENT	7A-Z-0-2-03	С	-	-	-	1
97	1	TE-390106	DRUG PRODUCT - STERILE FILTRATION	7A-Z-0-2-03	С	_	-	-	1
-			FIL-3901 DRUG PRODUCT - STERILE FILTRATION		-				+
98	1	TE-390109	FIL-3901	7A-Z-0-2-03	С	-	-	-	1
99	1	TE-390112	DRUG PRODUCT - STERILE FILTRATION	7A-Z-0-2-03	С	_	_	_	1
		12 000112	FIL-3901 - TEMPERATURE ELEMENT	777.2 0 2 00	Ļ				
100	1	TT-390102	TEMPERATURE SENSOR AND TRANSMITTER ON STEAM TRAP T-390102 - STERILE FILTRATION FIL	7A-Z-0-2-03	С	_	_	_	1
			3901	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
			TEMPERATURE SENSOR AND TRANSMITTER ON						
101	1	TT-390102	STEAM TRAP T-390102 - STERILE FILTRATION FIL- 3901	7A-Z-0-2-03	С	· -	· -	-	1 1
			TEMPERATURE SENSOR AND TRANSMITTER ON		+				+
102	1	TT-390106	STEAM TRAP T-390106 - STERILE FILTRATION FIL	7A-Z-0-2-03	С	-	-	-	1
			3901		1				

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				PCS - INST	RUMI	ENT INDEX	PRD-AIC-LIS-009		2	
ID	DEV	TAG Nr.	SERVICE	P&ID	LOC.	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION DI ANI	NOTES	
ID	REV	TAG NI.	SERVICE	LINE OR EQUIP	(*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES	
			TEMPERATURE SENSOR AND TRANSMITTER ON							
103	1	TT-390106	STEAM TRAP T-390106 - STERILE FILTRATION FIL-	7A-Z-0-2-03	С	-	-	-	1	
			3901							
101	1	TT 200400	TEMPERATURE SENSOR AND TRANSMITTER ON	74 7 0 0 00						
104	1	TT-390109	STEAM TRAP T-390109 - STERILE FILTRATION FIL- 3901	7A-Z-0-2-03	С	-	<u>-</u>	-	1	
			TEMPERATURE SENSOR AND TRANSMITTER ON		+				+	
105	1	TT-390112	STEAM TRAP T-390112 - STERILE FILTRATION FILE	7A-Z-0-2-03	С	_	<del>-</del>	_	1 1	
			3901							
106	1	XV-390102	DRUG PRODUCT - STERILE FILTRATION	7A-Z-0-2-03	С				1	
100	' '	AV-390102	FIL-3901 - ON-OFF VALVE	7 A-Z-0-Z-03		-	-	-		
107	1	XV-390108	DRUG PRODUCT - STERILE FILTRATION	7A-Z-0-2-03	С	_	_	_	1 1	
<u> </u>			FIL-3901 - ON-OFF VALVE							
108	1	XV-390113	DRUG PRODUCT - STERILE FILTRATION FIL-3901 - ON-OFF VALVE	7A-Z-0-2-03	С	-	-	-	1	
			DRUG PRODUCT - STERILE FILTRATION						+	
109	1	XV-390117	FIL-3901 - ON-OFF VALVE	7A-Z-0-2-03	С	-	-	-	1	
440	4	VV 000404D	DRUG PRODUCT - STERILE FILTRATION	74.7.0.000						
110	1	XV-390101B	FIL-3901 - ON-OFF VALVE	7A-Z-0-2-03	С	-	-	-	1	
111	1	ZX-390101	POSITION SENSOR ON TRANSFER PANEL	7A-Z-0-2-03	С	_	_	_	1	
L	<u>'</u>		TP-3901-1 (STERILE FILTRATION FIL-3901)	177 2 0 2 00	Ļŭ				<u> </u>	
112	1	ZX-390102	POSITION SENSOR ON TRANSFER PANEL	7A-Z-0-2-03	С	-	-	-	1	
			TP-3901-1 (STERILE FILTRATION FIL-3901) FILLING LINE LE-1100 - CHILLED WATER LOOP						+	
113	1	PI-110203	SUPPLY TO DEPYROGENATION TUNNEL TE-1102	7A-Z-0-2-04	С	PRD-AIC-DSH-023	07-I-0-8-01	_	2	
1113	' '	1-110203	- PRESSURE INDICATOR	7 A Z O Z O 4	ľ	TIND AIG DOIT 023	07 1 0 0 0 1			
			FILLING LE-1100 - CHILL WATER LOOP RETURN							
114	1	PI-110205	FROM DEPYROGENATION TUNNEL	7A-Z-0-2-04	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2	
			TE-1102 - PRESSURE INDICATOR							
			FILLING LINE LE-1100 - CHILLED WATER LOOP							
115	1	TI-110201	SUPPLY TO DEPYROGENATION TUNNEL TE-1102	7A-Z-0-2-04	С	PRD-AIC-DSH-027	07-I-0-8-01	7A-I-2-4-26	2	
			- TEMPERATURE INDICATOR FILLING LE-1100 - CHILL WATER LOOP RETURN						1	
116	1	TI-110203	FROM DEPYROGENATION TUNNEL TE-1102 -	7A-Z-0-2-04	С	PRD-AIC-DSH-027	07-I-0-8-01	7A-I-2-4-26	2	
110	l '	11-110203	TEMPERATURE INDICATOR	7A-Z-0-Z-0 <del>4</del>	ľ	1 10-410-0011-021	07-1-0-0-01	7A-1-2-4-20		
									$\vdash$	
117	1	IPI-900202	DECON AUTOCLAVE - AT-9002 - MEDIUM PRESSURE STEAM SUPPLY - PRESSURE INDIC.	7A-Z-0-2-05	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2	
			I NESSURE STEAM SUFFET - FRESSURE INDIC.						$oxed{oxed}$	
440		DI 00000 1	DECON AUTOCLAVE - AT-9002 - CHILLED WATER	74 7 0 0 0 0		DDD AIG DGU GGG	071000			
118	1	PI-900204	LOOP RETURN - PRESSURE INDICATOR	7A-Z-0-2-05	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2	
						<del> </del>			+	
119	1 1	PI-900209	CLEAN STEAM	7A-Z-0-2-05	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2	

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ID	REV	TAG Nr.	SERVICE	P&ID LINE OR EQUIP	LOC. (*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
120	1	PI-900206	DECON AUTOCLAVE - AT-9002 - CHILLED WATER LOOP SUPPLY - PRESSURE INDICATOR	7A-Z-0-2-05	С	PRD-AIC-DSH-023	07-l-0-8-01	-	2
121	1	TI-900204	DECON AUTOCLAVE - AT-9002 - CHILLED WATER LOOP RETURN - TEMPERATURE INDIC.	7A-Z-0-2-05	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
122	1	TI-900206	DECON AUTOCLAVE - AT-9002 - CHILLED WATER LOOP SUPPLY - TEMPERATURE INDIC.	7A-Z-0-2-05	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
123	1	PI-900102	AUTOCLAVE - AT-9001 - MEDIUM PRESSURE STEAM SUPPLY - PRESSURE INDICATOR	7A-Z-0-2-06	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
124	1	PI-900104	AUTOCLAVE - AT-9001 - CHILLED WATER LOOP RETURN - PRESSURE INDICATOR	7A-Z-0-2-06	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
125	1	PI-900109	CLEAN STEAM	7A-Z-0-2-06	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
126	1	PI-900106	AUTOCLAVE - AT-9001 - CHILLED WATER LOOP SUPPLY - PRESSURE INDICATOR	7A-Z-0-2-06	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
127	1	TI-900104	AUTOCLAVE - AT-9001 - CHILLED WATER LOOP RETURN - TEMPERATURE INDICATOR	7A-Z-0-2-06	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
128	1	TI-900106	AUTOCLAVE - AT-9001 - CHILLED WATER LOOP SUPPLY - TEMPERATURE INDICATOR	7A-Z-0-2-06	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
129	1	LSH-460101	DRUG PRODUCT - PARTS WASHER - LV-4601	7A-Z-0-2-07	С	-	-	-	1
130	1	LSL-460101	DRUG PRODUCT - PARTS WASHER - LV-4601	7A-Z-0-2-07	С	-	-	-	1
131	1	XV-460101	DRUG PRODUCT - PARTS WASHER - LV-4601	7A-Z-0-2-07	С	-	-	-	1
132	1	SV-460101	DRUG PRODUCT - PARTS WASHER - LV-4601	7A-Z-0-2-07	С	-	-	-	1
133	1	PI-110501	LYOPHILIZER N°1 - LYO-1105 - CHILLED WATER LOOP SUPPLY - PRESSURE INDICATOR	7A-Z-0-2-08	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
134	1	PI-110502	LYOPHILIZER N°1 - LYO-1105 - CHILLED WATER LOOP SUPPLY - PRESSURE INDICATOR	7A-Z-0-2-08	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
135	1	PI-110503	LYOPHILIZER N°1 - LYO-1105 - CHILLED WATER LOOP SUPPLY - PRESSURE INDICATOR	7A-Z-0-2-08	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
136	1	PI-110505	LYOPHILIZER N°1 - LYO-1105 - CLEAN COMPRESSED AIR SUPPLY - PRESS. INDIC	7A-Z-0-2-08	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
137	1	PI-110506	LYOPHILIZER N°1 - LYO-1105 - GASEOUS NITROGEN FROM DISTRIBUTION - PR. IND.	7A-Z-0-2-08	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
138	1	TI-110501	LYOPHILIZER N°1 - LYO-1105 - CHILLED WATER LOOP SUPPLY - TEMPERATURE INDICATOR	7A-Z-0-2-08	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
139	1	TI-110502	LYOPHILIZER N°1 - LYO-1105 - CHILLED WATER LOOP SUPPLY - TEMPERATURE INDICATOR	7A-Z-0-2-08	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
140	1	TI-110503	LYOPHILIZER N°1 - LYO-1105 - CHILLED WATER LOOP SUPPLY - TEMPERATURE INDICATOR	7A-Z-0-2-08	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2

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141	1	PI-110601	LYOPHILIZER N°2 - LYO-1106 - CHILLED WATER LOOP SUPPLY - PRESSURE INDICATOR	7A-Z-0-2-09	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
142	1	PI-110602	LYOPHILIZER N°2 - LYO-1106 - CHILLED WATER LOOP SUPPLY - PRESSURE INDICATOR	7A-Z-0-2-09	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
143	1	PI-110603	LYOPHILIZER N°2 - LYO-1106 - CHILLED WATER LOOP SUPPLY - PRESSURE INDICATOR	7A-Z-0-2-09	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
144	1	PI-110605	LYOPHILIZER N°2 - LYO-1106 - CLEAN COMPRESSED AIR SUPPLY - PRESSURE INDIC.	7A-Z-0-2-09	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
145	1	PI-110606	LYOPHILIZER N°2 - LYO-1106 - GASEOUS NITROGEN FROM DISTRIBUTION - PR. INDIC.	7A-Z-0-2-09	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
146	1	TI-110601	LYOPHILIZER N°2 - LYO-1106 - CHILLED WATER LOOP SUPPLY - TEMPERATURE INDICATOR	7A-Z-0-2-09	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
147	1	TI-110602	LYOPHILIZER N°2 - LYO-1106 - CHILLED WATER LOOP SUPPLY - TEMPERATURE INDICATOR	7A-Z-0-2-09	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
148	1	TI-110603	LYOPHILIZER N°2 - LYO-1106 - CHILLED WATER LOOP SUPPLY - TEMPERATURE INDICATOR	7A-Z-0-2-09	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
149	1		FORMULATION AREA - SK-3903-TCU - MEDIUM PRESSURE STEAM SUPPLY - PRESS. INDIC.	7A-Z-0-2-10	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
150	1	LSL-430002	DRUG PRODUCT - CIP CLEANING CHEMICAL STORAGE (TOTES) & DIST LOW LEVEL SW	7A-Z-0-2-20	С	PRD-AIC-DSH-013	07-I-0-8-01	7A-I-1-4-11	2
151	1	H SI <b>-</b> 430001	DRUG PRODUCT - CIP CLEANING CHEMICAL STORAGE (TOTES) & DIST LOW LEVEL SW	7A-Z-0-2-20	С	PRD-AIC-DSH-013	07-I-0-8-01	7A-I-1-4-11	2
152	1	PI-430000	CIP CLEANING CHEMICAL STORAGE & DIST INSTRUMENT AIR SUPPLY TO BD-4301 - PR. IND.	7A-Z-0-2-20	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
153	1	PI-430002	CIP CLEANING CHEMICAL STORAGE & DIST CAUSTIC SUPPLY TO CIP SYSTEM CIP-7701	7A-Z-0-2-20	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
154	1	IPSI -430001	DRUG PRODUCT - CIP CLEANING CHEMICAL STORAGE (TOTES) & DIST LOW PR. SWITCH	7A-Z-0-2-20	С	PRD-AIC-DSH-014	07-I-0-8-01	7A-I-1-4-11	2
155	1	XV-430001	DRUG PRODUCT - CIP CLEANING CHEMICAL STORAGE (TOTES) & DIST ON-OFF VALVE	7A-Z-0-2-20	С	PRD-AIC-DSH-018	07-I-0-8-01	7A-I-1-4-11	2
156	1	SV-430001	SOLENOID VALVE RELATED TO XV-430001	7A-Z-0-2-20	С	PRD-AIC-DSH-018	07-I-0-8-01	7A-I-1-4-11	2
157	1	IXV-430002	DRUG PRODUCT - CIP CLEANING CHEMICAL STORAGE (TOTES) & DIST ON-OFF VALVE	7A-Z-0-2-20	С	PRD-AIC-DSH-018	07-I-0-8-01	7A-I-1-4-11	2
158	1		SOLENOID VALVE RELATED TO XV-430002	7A-Z-0-2-20	С	PRD-AIC-DSH-018	07-I-0-8-01	7A-I-1-4-11	2
159	1	IXV-430003	DRUG PRODUCT - CIP CLEANING CHEMICAL STORAGE (TOTES) & DIST ON-OFF VALVE	7A-Z-0-2-20	С	PRD-AIC-DSH-018	07-I-0-8-01	7A-I-1-4-11	2
160	1	SV-430003	SOLENOID VALVE RELATED TO XV-430003	7A-Z-0-2-20	С	PRD-AIC-DSH-018	07-I-0-8-01	7A-I-1-4-11	2
161	1		CONDUCTIVITY SENSOR AND TRANSMITTER ON BC-7701-2 DISCHARGE / CIP SYSTEM CIP-7701	7A-Z-0-2-21	С	-	-	-	1
162	1	CE-770102	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1

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ID	REV	TAG Nr.	SERVICE	LINE OR EQUIP	(*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
			CONDUCTIVITY SENSOR AND TRANSMITTER ON						
163	1	CT-770102	BC-7701-1 DISCHARGE / CIP SYSTEM CIP-7701	7A-Z-0-2-21	С	-	-	-	1
164	1	CE-770102	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
165	1	IFS-RC7701-2	DRUG PRODUCT - CIP SYSTEM - CIP-7701 - FLOW SWITCH	7A-Z-0-2-21	С	-	-	-	1
166	1	FT-770102	FLOW TRANSMITTER ON BC-7701-1 DISCHARGE / CIP SYSTEM CIP-7701	7A-Z-0-2-21	С	-	-	-	1
167	1	FE-770102	DRUG PRODUCT - CIP SYSTEM - CIP-7701 - FLOW ELEMENT	7A-Z-0-2-21	С	-	-	-	1
168	1	LT-770101	LEVEL TRANSMITTER ON RINSE/WASH TANK TQ-7701	7A-Z-0-2-21	С	-	-	-	1
169	1	LSH-770103	HIGH LEVEL SWITCH ON CHEMICAL DAY TANK TQ-7701-3	7A-Z-0-2-21	С	-	-	-	1
170	1	LSHH-770102	HIGH HIGH LEVEL SWITCH ON RINSE/WASH TANK TQ-7701	7A-Z-0-2-21	С	-	-	-	1
171	1	LSL-770103	LOW LEVEL SWITCH ON CHEMICAL DAY TANK TQ-7701-3	7A-Z-0-2-21	С	-	-	-	1
172	1	PCV-770103	CIP SYSTEM - CIP-7701 - CLEAN COMPRESSED AIR SUPPLY TO TQ-7701	7A-Z-0-2-21	С	-	-	-	1
173	1	PI-770101	CIP SYSTEM - CIP-7701 - DISCHARGE OF BC-7701-1	7A-Z-0-2-21	С	-	-	-	1
174	1		CIP SYSTEM - CIP-7701 - DISCHARGE OF BC-7701-2	7A-Z-0-2-21	С	-	-	-	1
175	1	PI-770103	CIP SYSTEM - CIP-7701 - CLEAN COMPRESSED AIR SUPPLY TO TQ-7701	7A-Z-0-2-21	С	-	-	-	1
176	1	PSE-770101	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
177	1	PSL/H-770101	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
178	1	SC-BC7701-2	SPEED CONTROL OF CIP RETURN PUMP BC-7701-2	7A-Z-0-2-21	С	-	-	-	1
179	1	TT-770101	TEMPERATURE SENSOR AND TRANSMITTER ON RINSE/WASH TANK TQ-7701 JACKET	7A-Z-0-2-21	С	-	-	-	1
180	1	TE-770101	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
181	1	TT-770103	TEMPERATURE SENSOR AND TRANSMITTER ON BC-7701-2 DISCHARGE / CIP SYSTEM CIP-7701	7A-Z-0-2-21	С	-	-	-	1
182	1	TE-770103	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
183	1	XV-770109A	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С			-	1

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ID	REV	TAG Nr.	SERVICE	LINE OR EQUIP	(*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
			SOLENOID VALVE RELATED TO ON-OFF XV-						†
184	1	SV-770109A	770109A -RETURN FROM CIP/SIP STA-4701 TO BC-7701-2 SUCTION	7A-Z-0-2-21	С	-	-	-	1
185	1	XV-770109B	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
186	1	SV-770109B	SOLENOID VALVE RELATED TO ON-OFF XV-770109B - CIP SUPPLY RETURN FROM EV-1102 TO BC-7701-2 SUCTION	7A-Z-0-2-21	С	-	-	-	1
187	1	XV-770110	DRUG PRODUCT - CIP SYSTEM - CIP-7701 - ON- OFF VALVE	7A-Z-0-2-21	С	-	-	-	1
188	1	SV-770110	DRUG PRODUCT - CIP SYSTEM - CIP-7701 - SOLENOID VALVE	7A-Z-0-2-21	С	-	-	-	1
189	1	PI-470101	CIP/SIP STATION - STA-4701 - CIP SUPPLY FROM DISTRIBUTION TO CIP PORTBLE VESSEL	7A-Z-0-2-22	С	-	-	-	1
190	1	PI-470102	CIP/SIP STATION - STA-4701 - CLEAN COMP AIR SUPPLY TO SIP PORTABLE VESSEL	7A-Z-0-2-22	С	-	-	-	1
191	1	PI-470103	CIP/SIP STATION - STA-4701 - CLEAN COMP AIR SUPPLY TO SIP PORTABLE VESSEL	7A-Z-0-2-22	С	-	-	-	1
192	1	PI-470104	CIP/SIP STATION - STA-4701 - VENT TO SAFE LOCATION	7A-Z-0-2-22	С	-	-	-	1
193	1	TT-470108	TEMPERATURE SENSOR AND TRANSMITTER CIP/SIP STATION STA-4701 PORTABLE VESSEL OUTLET	7A-Z-0-2-22	С	PRD-AIC-DSH-008	07-I-0-8-01	7A-I-2-4-21	2
194	1	TE-470108	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP STATION - STA-4701	7A-Z-0-2-22	С	PRD-AIC-DSH-008	07-I-0-8-01	7A-I-2-4-21	2
195	1	XV-470108A	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP STATION - STA-4701	7A-Z-0-2-22	С	PRD-AIC-DSH-020	07-I-0-8-01	7A-I-2-4-21	2
196	1	SV-470108A	SOLENOID VALVE RELATED TO ON-OFF XV- 470108A - FROM STA-4701 SIP PORT. VESSEL TO CIP SYSTEM RET	7A-Z-0-2-22	С	PRD-AIC-DSH-020	07-I-0-8-01	7A-I-2-4-26	2
197	1	XV-470108B	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP STATION - STA-4701	7A-Z-0-2-22	С	PRD-AIC-DSH-020	07-I-0-8-01	7A-I-2-4-21	2
198	1	SV-470108B	SOLENOID VALVE RELATED TO ON-OFF XV- 470108B - FROM STA-4701 SIP PORT. VESSEL TO ST TRAP T-470104	7A-Z-0-2-22	С	PRD-AIC-DSH-020	07-I-0-8-01	7A-I-2-4-26	2
199	1	XV-470101	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP STATION - STA-4701 - ON-OFF VALVE	7A-Z-0-2-22	С	-		-	1
200	1	XV-470102	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP STATION - STA-4701 - ON-OFF VALVE	7A-Z-0-2-22	С	-	-	-	1
201	1	XV-470103	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP STATION - STA-4701 - ON-OFF VALVE	7A-Z-0-2-22	С	-	-	-	1
202	1	XV-470104	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP STATION - STA-4701 - ON-OFF VALVE	7A-Z-0-2-22	С	-	-	-	1

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203	1	XV-470105	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP	7A-Z-0-2-22	С	_	_	_	1
		XV 470100	STATION - STA-4701 - ON-OFF VALVE	11120222	<b>_</b>				<b>┴</b> ं-
204	1	XV-470106	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP	7A-Z-0-2-22	С	-	-	-	1
-			STATION - STA-4701 - ON-OFF VALVE DRUG PRODUCT - PORTABLE VESSEL CIP/SIP		+				+
205	1	XV-470107	STATION - STA-4701 - ON-OFF VALVE	7A-Z-0-2-22	С	-	-	-	1
200	_	ALT VVV (LIADD)	DRUG PRODUCT - PRETREATMENT (RO)	74 7 0 0 00					
206	1	AIT-XXX (HARD)	SYSTEM - X-6301	7A-Z-0-2-23	С	-	-	-	1
207	1	AE-XXX (HARD)	DRUG PRODUCT - PRETREATMENT (RO)	7A-Z-0-2-23	С	_	_	_	1
207		AL XXX (HARD)	SYSTEM - X-6301	777 2 0 2 20	<b>_</b>				<b>↓</b> '
208	1	PI-640109	WFI STILL MES-6401 - INSTRUMENT AIR SUPPLY -	7A-Z-0-2-24	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
-			PRESSURE INDICATOR WFI STILL MES-6401 - CHILLED WATER LOOP		+			<u> </u>	+1
209	1	PI-640110	RETURN - PRESSURE INDICATOR	7A-Z-0-2-24	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
040		DI 040444	WFI STILL MES-6401 - CHILLED WATER LOOP	74.7.0.0.4	1	DDD 410 D011 000	27.1.0.0.04		
210	1	PI-640111	SUPPLY - PRESSURE INDICATOR	7A-Z-0-2-24	С	PRD-AIC-DSH-023	07-l-0-8-01	-	2
211	1	PI-640112	WFI STILL MES-6401 - HIGH PRESSURE STEAM	7A-Z-0-2-24	С	PRD-AIC-DSH-023	07-I-0-8-01	_	2
		11040112	SUPPLY - PRESSURE INDICATOR	77720221	<b>_</b>	1107110 2011 020	07 1 0 0 01		
212	1	TI-640101	WFI STILL MES-6401 - CHILLED WATER LOOP	7A-Z-0-2-24	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
			RETURN - TEMPERATURE INDICATOR WFI STILL MES-6401 - CHILLED WATER LOOP		+				+
213	1	TI-640102	SUPPLY - TEMPERATURE INDICATOR	7A-Z-0-2-24	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
			CONDUCTIVITY SENSOR, ANALYSER AND						
214	1	AIT-640101	TRANSMITTER ON HOT WFI SUPPLY TO	7A-Z-0-2-25	С	PRD-AIC-DSH-016	07-I-0-8-01	7A-I-2-4-11	2
			TQ-6401						
215	1	AE-640101 (COND)	DRUG PRODUCT - HOT WFI STORAGE TANK - TQ-	7A-Z-0-2-25	С	_	_	_	1
		, ,	6401 DRUG PRODUCT - HOT WFI STORAGE TANK - TQ-						+
216	1	AE-640102 (COND)	6401	7A-Z-0-2-25	С	-	-	-	1
			COND / TEMP/ TOC SENSOR, ANALYSER AND						+
217	1	AIT-640102	TRANSMITTER ON HOT WFI RETURN TO	7A-Z-0-2-25	С	-	-	-	1
			TQ-6401						
218	1	AE-640104 (TOC)	DRUG PRODUCT - HOT WFI STORAGE TANK - TQ-	7A-Z-0-2-25	С	_	_	_	1
		712 040104 (100)	6401		<b>_</b>				<b>┴</b> ं
219	1	AE-640103 (COND)	DRUG PRODUCT - HOT WFI STORAGE TANK - TQ- 6401	7A-Z-0-2-25	С	-	-	-	1
			COND / TEMP/ TOC SENSOR, ANALYSER AND		+				+
220	1	AIT-640103	TRANSMITTER ON HOT WFI RETURN TO TQ-	7A-Z-0-2-25	С	_	_	_	1
			6401	= 0 = =0					
221	1	AE-640105 (TOC)	DRUG PRODUCT - HOT WFI STORAGE TANK - TQ-	7A-Z-0-2-25	С	_	_	_	1
ZZ I		AL-040103 (100)	6401	171-2-0-2-20			<u>-</u>		<b>⊥</b>
222	1	FT-640101	FLOW TRANSMITTER OF HOT WFI RETURN TO	7A-Z-0-2-25	С	-	-	_	1
		-	TQ-6401	-	+		<u> </u>	<u> </u>	++
223	1	FE-640101	DRUG PRODUCT - HOT WFI STORAGE TANK - TQ- 6401	7A-Z-0-2-25	С	-	-	-	1
L			<del>0 1</del> 0 1						

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	<b>ES</b>	LER ips	Takeda Hemobrás	DRUG	PRO	DUCT	569-DB07A-AIC-310-001		14 de 22
€	ng∈n	haria <b>IPS</b>	Takeda Takeda Errproa Izuale su de hamadenados e la otrocalo da			ENT INDEX	CLIENT NR.: PRD-AIC-LIS-009		REV.: <b>2</b>
ID	REV	TAG Nr.	SERVICE	P&ID	LOC.	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
ID	KLV	TAG NI.	SERVICE	LINE OR EQUIP	(*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
224	1	F1-640102	FLOW TRANSMITTER OF HOT WFI RETURN TO TQ-6401	7A-Z-0-2-25	С	-	-	-	1
225	1	IFF-640102	DRUG PRODUCT - HOT WFI STORAGE TANK - TQ- 6401	7A-Z-0-2-25	С	-	-	-	1
226	1	LT-640101	LEVEL TRANSMITTER ON HOT WFI STORAGE TANK TQ-6401	7A-Z-0-2-25	С	-	-	-	1
227	1	PI-640101	HOT WFI STORAGE TANK - TQ-6401 - BC-6401-2 SUCTION PRESSURE	7A-Z-0-2-25	С	-	-	-	1
228	1	PI-640102	HOT WFI STORAGE TANK - TQ-6401 - BC-6401-1 DISCHARGE PRESSURE	7A-Z-0-2-25	С	-	-	-	1
229	1	PI-640103	HOT WFI STORAGE TANK - TQ-6401 - BC-6401-3 & BC-6401-4 SUCTION PRESSURE	7A-Z-0-2-25	С	-	-	-	1
230	1	PI-640104	HOT WFI STORAGE TANK - TQ-6401 - BC-6401-3 & BC-6401-4 DISCHARGE PRESSURE	7A-Z-0-2-25	С	-	-	-	1
231	1	PI-640105	HOT WFI STORAGE TANK - TQ-6401 - MEDIUM PRESSURE STEAM SUPPLY	7A-Z-0-2-25	С	-	-	-	1
232	1	PI-640106	HOT WFI STORAGE TANK - TQ-6401 - MEDIUM PRESSURE STEAM SUPPLY	7A-Z-0-2-25	С	-	-	-	1
233	1	PI-640107	HOT WFI STORAGE TANK - TQ-6401 - HOT WFI RETURN	7A-Z-0-2-25	С	-	-	-	1
234	1	1PI-64010X	DRUG PRODUCT - HOT WFI STORAGE TANK - TQ- 6401	7A-Z-0-2-25	С	-	-	-	1
235	1	IPH-640101	PRESSURE TRANSMITTER ON HOT WFI STORAGE TANK TQ-6401	7A-Z-0-2-25	С	-	-	-	1
236	1		HOT WFI STORAGE TANK - TQ-6401 - HOT WFI RETURN	7A-Z-0-2-25	С	-	-	-	1
237	1	PSE-640101	HOT WFI STORAGE TANK - TQ-6401 - RUPTURE DISK	7A-Z-0-2-25	С	-	-	-	1
238	1	IPSI/H-640101	PRESSURE SWITCH LOW / HIGH ON RUPTURE DISK PSE-640101 OF TANK TQ-6401	7A-Z-0-2-25	С	-	-	-	1
239	1	PSV-640101	HOT WFI STORAGE TANK - TQ-6401 - PRESSURE SAFETY VALVE ON TC-6401	7A-Z-0-2-25	С	-	-	-	1
240	1	ISC-RC6401-1	DRUG PRODUCT - HOT WFI STORAGE TANK - TQ- 6401	7A-Z-0-2-25	С	-	-	-	1
241	1	SC-BC6401-2	DRUG PRODUCT - HOT WFI STORAGE TANK - TQ- 6401	7A-Z-0-2-25	С	-	-	-	1
242	1	SC-BC6401-3	DRUG PRODUCT - HOT WFI STORAGE TANK - TQ- 6401	7A-Z-0-2-25	С	-	-	-	1
243	1	ISC:-RC6401-4	DRUG PRODUCT - HOT WFI STORAGE TANK - TQ- 6401	7A-Z-0-2-25	С	-	-	-	1
244	1	TT-640101	TEMPERATURE SENSOR AND TRANSMITTER ON HOT WFI STORAGE TANK TQ-6401, BOTTOM	7A-Z-0-2-25	С	-	-	-	1
245	1	11F-640101	DRUG PRODUCT - HOT WFI STORAGE TANK - TQ- 6401	7A-Z-0-2-25	С	-	-	-	1

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€	ng∈r	SLER ips	Takeda Takeda Takeda Takeda India basile ta da hamadarinada e bada undiga			ENT INDEX	CLIENT NR.:		REV.:	
	1	1			1		PRD-AIC-LIS-009	1	2	
ID	REV	TAG Nr.	SERVICE	P&ID	LOC.	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES	
				LINE OR EQUIP	(")					
246	1	TT-640103	TEMPERATURE SENSOR AND TRANSMITTER ON	7A-Z-0-2-25	С	_	-	_	1	
			THE OUTLET OF WFI HEATER TC-6401		<u> </u>				<u> </u>	
247	1	TE-640103	DRUG PRODUCT - HOT WFI STORAGE TANK - TQ- 6401	7A-Z-0-2-25	С	-	-	-	1	
0.10			DRUG PRODUCT - HOT WFI STORAGE TANK - TQ-		+				+ ,	
248	1	TV-640103	6401	7A-Z-0-2-25	С	-	-	-	1	
249	1	TY-640103	DRUG PRODUCT - HOT WFI STORAGE TANK - TQ-	7A-Z-0-2-25	С	_	_	_	1	
245		11-040103	6401	777 2 0 2 20	<u> </u>				<b></b>	
250	1	XV-640103	DRUG PRODUCT - HOT WFI DISTRIBUTION - ON-	7A-Z-0-2-26	С	-	-	-	1	
			OFF VALVE DRUG PRODUCT - HOT WFI DISTRIBUTION -		+				+	
251	1	SV-640103	SOLENOID VALVE	7A-Z-0-2-26	С	-	-	-	1	
050		VV 040404	DRUG PRODUCT - HOT WFI DISTRIBUTION - ON-	74.7.0.0.00	1					
252	1	XV-640104	OFF VALVE	7A-Z-0-2-26	С	-	-	-	1	
253	1	SV-640104	DRUG PRODUCT - HOT WFI DISTRIBUTION -	7A-Z-0-2-26	C	_	-	_	1	
			SOLENOID VALVE		<b>_</b>				<u> </u>	
254	1	XV-640105	DRUG PRODUCT - HOT WFI DISTRIBUTION - ON- OFF VALVE	7A-Z-0-2-26	С	-	-	-	1	
			SOLENOID VALV RELATED TO ON-OFF XV-		+					
255	1	SV-640105	640105 - FEED WATER INLET TO CLEAN STEAM	7A-Z-0-2-26	l c	_	-	_	1	
			GENERATOR CSG-6501							
256	1	XV-640106	DRUG PRODUCT - HOT WFI DISTRIBUTION - ON-	7A-Z-0-2-26	С	_	_	_	1	
200		XV-040100	OFF VALVE	777 2 0 2 20	<u> </u>					
257	1	SV-640106	SOLENOID VALVE RELATED TO ON-OFF XV-	7A-Z-0-2-26	С	-	-	-	1	
			640106 - HOT WFI SUPPLY TO TQ-7701 DRUG PRODUCT - HOT WFI DISTRIBUTION - ON-		+					
258	1	XV-640107	OFF VALVE	7A-Z-0-2-26	С	-	-	-	1	
250	1	CV C40407	DRUG PRODUCT - HOT WFI DISTRIBUTION -	74 7 0 0 00						
259	1	SV-640107	SOLENOID VALVE	7A-Z-0-2-26	С	-	-	-	1	
260	1	XV-640110	DRUG PRODUCT - HOT WFI DISTRIBUTION - ON-	7A-Z-0-2-26	C	_	-	_	1	
			OFF VALVE		+					
261	1	SV-640110	DRUG PRODUCT - HOT WFI DISTRIBUTION - SOLENOID VALVE	7A-Z-0-2-26	С	-	-	-	1	
			CLEAN STEAM GENERATOR CSG-6501 - HIGH		+_				<u> </u>	
262	1	PI-650102	PRESSURE STEAM SUPPLY - PRESSURE IND.	7A-Z-0-2-27	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2	
263	1	PI-650104	CLEAN STEAM GENERATOR CSG-6501 - CHILLED	7A-Z-0-2-27	С	PRD-AIC-DSH-023	07-l-0-8-01	_	2	
203	'	F1-030104	WATER LOOP SUPPLY - PRESS. INDIC.	1A-Z-0-Z-Z1		FRD-AIC-D3H-023	07-1-0-8-01	_		
264	1	PI-650106	CLEAN STEAM GENERATOR CSG-6501 - CHILLED	7A-Z-0-2-27	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2	
			WATER LOOP RETURN - PRESS. INDIC. CLEAN STEAM GENERATOR CSG-6501 -		-			1	+	
265	1	PI-650108	INSTRUMENT AIR SUPPLY - PRESS. INDIC.	7A-Z-0-2-27	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2	
000		TI 050404	CLEAN STEAM GENERATOR CSG-6501 -	74.7.0.0.0	<b>1</b> ^	DDD AIO DOLL COC	071000			
266	1	TI-650104	SOLENOID VALVE	7A-Z-0-2-27	С	PRD-AIC-DSH-023	07-l-0-8-01	-	2	
267	1	TI-650106	CLEAN STEAM GENERATOR CSG-6501 - CHILLED	7A-Z-0-2-27	С	PRD-AIC-DSH-027	07-l-0-8-01		2	
201	_ '	11 000 100	WATER LOOP RETURN	111 2 0 2-21		TRE AIG BOTT-021	07 10 0 01			

<b>1</b>	TESSLER ips					DUCT ENT INDEX	DOC NR.:  569-DB07A-AIC-310-001  CLIENT NR.:  PRD-AIC-LIS-009		SHEET.: 16 de 22 REV.: <b>2</b>
ID	REV	TAG Nr.	SERVICE	P&ID LINE OR EQUIP	LOC. (*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
268	1	PCV-650110	CLEAN STEAM DISTRIBUTION - CLEAN STEAM TO STERILE FILTRATION FIL-3901	7A-Z-0-2-28	С	PRD-AIC-DSH-025	07-I-0-8-01	-	2
269	1	PI-650110	CLEAN STEAM DISTRIBUTION - CLEAN STEAM TO STERILE FILTRATION FIL-3901	7A-Z-0-2-28	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
270	1	PCV-650111	CLEAN STEAM DISTRIBUTION - CLEAN STEAM TO CIP/SIP STATION STA-4701	7A-Z-0-2-28	С	PRD-AIC-DSH-025	07-I-0-8-01	-	2
271	1	PI-650111	CLEAN STEAM DISTRIBUTION - CLEAN STEAM TO CIP/SIP STATION STA-4701	7A-Z-0-2-28	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
272	1	LT-260001	DRUG PRODUCT - LIQ. NITROGEN RECEIVING - STORAGE - DISTRIBUTION	7A-Z-0-2-34	С	-	-	-	1
273	1	PSV-260002	LIQ. NITROGEN RECEIVING - STORAGE - DISTRIBUTION - TQ-2600 INLET	7A-Z-0-2-34	С	-	-	-	1
274	1	TI-260001	LIQ. NITROGEN RECEIVING - STORAGE - DISTRIBUTION - TQ-2600 TEMPERATURE	7A-Z-0-2-34	С	-	-	-	1
275	1	PI-860006	LIQ. NITROGEN REC - STORAGE - DISTRIB - FGA- 8600-1 INLET PRESSURE	7A-Z-0-2-34	С	-	-	-	1
276	1	PI-860007	LIQ. NITROGEN REC - STORAGE - DISTRIB - PRESSURE BETWEEN FGA-8600-1 & FGA-8600-2	7A-Z-0-2-34	С	-	-	-	1
277	1	PI-860008	LIQ. NITROGEN REC - STORAGE - DISTRIB - FGA- 8600-2 OUTLET PRESSURE	7A-Z-0-2-34	С	-	-	-	1
278	1	PI-700006	CLEAN COMPRESSED AIR DISTRIBUTION - FGA- 7000-1 INLET PRESSURE	7A-Z-0-2-36	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
279	1	PI-700007	CLEAN COMPRESSED AIR DISTRIBUTION - PRESSURE BETWEEN FGA-7000-1 & FGA-7000-2	7A-Z-0-2-36	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
280	1	PI-700008	CLEAN COMPRESSED AIR DISTRIBUTION - FGA- 7000-2 OUTLET PRESSURE	7A-Z-0-2-36	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
281	1	PIR-380101	BUFFER PREP - TQ-3801 PRESSURE REGISTER	7A-Z-0-2-01	С	-	-	-	1
282	1	PIR-380201	BUFFER PREP - TQ-3802 PRESSURE REGISTER	7A-Z-0-2-01	С	-	-	-	1
283	1	PIR-380301	BUFFER PREP - TQ-3803 PRESSURE REGISTER	7A-Z-0-2-01	С	-	-	-	1
284	1	TIR-380101	BUFFER PREP - TQ-3801 TEMPERATURE REGISTER	7A-Z-0-2-01	С	-	-	-	1
285	1	TIR-380201	BUFFER PREP - TQ-3802 TEMPERATURE REGISTER	7A-Z-0-2-01	С	-	-	-	1
286	1	TIR-380301	BUFFER PREP - TQ-3803 TEMPERATURE REGISTER	7A-Z-0-2-01	С	-	-	-	1
287	1	PIR-380401	FORMULATION - PTQ-3804 PRESSURE REGISTER	7A-Z-0-2-02	С	-	-	-	1
288	1	PIR-380501	FORMULATION - PTQ-3805 PRESSURE REGISTER	7A-Z-0-2-02	С	-	-	-	1

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ID	REV	TAG Nr.	SERVICE	LINE OR EQUIP	(*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
289	1	IPIR-380601	FORMULATION - PTQ-3806 PRESSURE REGISTER	7A-Z-0-2-02	С	-	-	-	1
290	1	PIR-380701	FORMULATION - PTQ-3807 PRESSURE REGISTER	7A-Z-0-2-02	С	-	-	-	1
291	1	TIR-380401	FORMULATION - PTQ-3804 TEMPERATURE REGISTER	7A-Z-0-2-02	С	-	-	-	1
292	1	TIR-380501	FORMULATION - PTQ-3805 TEMPERATURE REGISTER	7A-Z-0-2-02	С	-	-	-	1
293	1	TIR-380601	FORMULATION - PTQ-3806 TEMPERATURE REGISTER	7A-Z-0-2-02	С	-	-	-	1
294	1		FORMULATION - PTQ-3807 TEMPERATURE REGISTER	7A-Z-0-2-02	С	-	-	-	1
295	1	SV-390101A	SOLENOID VALVE RELATED TO ON-OFF XV- 390101A - FROM TRANSF PANEL TP-3901-1 TO FILTER FLQ-3901-1	7A-Z-0-2-03	С	-	-	-	1
296	1	SV-390101B	SOLENOID VALVE RELATED TO ON-OFF XV- 390101B - FROM T PANEL TP-3901-1 TO THREE WAY XV-390102	7A-Z-0-2-03	С	-	-	-	1
297	1	SV-390102	SOLENOID VALVE RELATED TO THREE WAY XV- 390102 - FROM TR PNL TP-3901-1 TO CIP RET OR ST TRP T-390102	7A-Z-0-2-03	С	-	-	-	1
298	1	SV-390103	SOLENOID VALVE RELATED TO ON-OFF XV- 390103 - FROM BLOWDOWN FILT FGA-3901-1 DRAIN TO ST TRAP T-390103	7A-Z-0-2-03	С	-	-	-	1
299	1		SOLENOID VALVE RELATED TO ON-OFF XV- 390104 - FROM BDWN FIL FGA-3901-1 OUTLET TO THREE WAY XV-390106	7A-Z-0-2-03	С	-	-	-	1
300	1	SV-390105	SOLENOID VALVE RELATED TO ON-OFF XV- 390105 - FROM TRANSFER PANEL TP-3901-1 TO THREE WAY XV-390106	7A-Z-0-2-03	С	-		-	1
301	1		SOLENOID VALVE RELATED TO THREE WAY XV- 390106 - FROM TR PNL TP-3901-1 TO CIP RET OR ST TRP T-390106	7A-Z-0-2-03	С	-	-	-	1
302	1	SV-390107	SOLENOID VALVE RELATED TO ON-OFF XV- 390107 - FROM FILTER WETTING PUMP BPR-3901 TO FILTER FLQ-3901-1	7A-Z-0-2-03	С	-	-	-	1
303	1	SV-390108	SOLENOID VALVE RELATED TO ON-OFF XV- 390108 - VENT CONNECTION OFSTERILE FILTER FILTER FLQ-3901-1	7A-Z-0-2-03	С	-	-	-	1
304	1	SV-390109	SOLENOID VALVE RELATED TO THREE WAY XV- 390109 - FROM FLQ-3901-1 TO CIP RET OR ST TRP T-390109	7A-Z-0-2-03	С	-	-	-	1
305	1	SV-390110	SOLENOID VALVE RELATED TO ON-OFF XV- 390110 - FROM FGA-3901-1 OUTLET TO FLQ-3901-3 BOUNDARY FILTER	7A-Z-0-2-03	С	-	-	-	1

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€	$n g \in n$	haria <b>IPS</b>	Takeda Hemobrás				CLIENT NR.:		REV.:	
				PCS - INST	RUMI	ENT INDEX	PRD-AIC-LIS-009		2	
10	סבע	TAO No	OED//OE	P&ID	LOC.	ODEOUEIOATION OUEETO	INIOTALL ATION DETAIL	LOCATION DI ANI	NOTEO	
ID	REV	TAG Nr.	SERVICE	LINE OR EQUIP	(*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES	
			SOLENOID VALVE RELATED TO ON-OFF XV-		+					
306	1		390111A - FROM FLQ-3901-1 OUTLET	7A-Z-0-2-03	С	_	_	_	1	
			TO FLQ-3901-2 INLET	= 0 = 00						
			SOLENOID VALVE RELATED TO ON-OFF XV-							
307	1	SV-390111B	390111B - FROM FLQ-3901-1 OUTLET	7A-Z-0-2-03	С	-	-	-	1	
			TO FLQ-3901-2 INLET							
			SOLENOID VALVE RELATED TO ON-OFF XV-							
308	1	SV-390111C	390111C - FROM FLQ-3901-1 OUTLET	7A-Z-0-2-03	С	-	-	-	1	
			TO FLQ-3901-3 BOUNDARY F							
			SOLENOID VALVE RELATED TO THREE WAY XV-							
309	1		390112 - FROM FLQ-3901-3 TO CIP RET OR	7A-Z-0-2-03	С	-	-	-	1	
			STEAM TRAP T-390112							
			SOLENOID VALVE RELATED TO ON-OFF XV-							
310	1		390113 - FROM BOUNDARY FLQ-3901-3 TO	7A-Z-0-2-03	С	-	-	-	1	
			STEAM TRAP T-390113		4-					
244	1		SOLENOID VALVE RELATED TO ON-OFF XV-	74 7 0 0 00					,	
311	311 1 1		390114 - VENT CONNECTION OFSTERILE FILTER FILTER FILTER FILTER FILTER FILTER	7A-Z-0-2-03	С	-	<u>-</u>	-	1	
			SOLENOID VALVE RELATED TO ON-OFF XV-		+					
312	1		390116A - OUTLET OFSTERILE FILTER FILTER	7A-Z-0-2-03	С	_	_	_	1	
012			FLQ-3901-2	777 2 0 2 00	ľ					
			SOLENOID VALVE RELATED TO ON-OFF XV-		+					
313	1		390116B - FROM TR PANEL TP-3901-3 TO VIAL	7A-Z-0-2-03	С	_	-	-	1	
			FILLER							
			SOLENOID VALVE RELATED TO ON-OFF XV-							
314	1	SV-390116C	390116C - OUTLET OFSTERILE FILTER FILTER	7A-Z-0-2-03	С	-	-	-	1	
			FLQ-3901-2							
			SOLENOID VALVE RELATED TO ON-OFF XV-							
315	1		390116D - FROM FILTER FLQ-3901-2 TO	7A-Z-0-2-03	С	-	-	-	1	
			BOUNDARY FLQ-3901-3		4					
040			SOLENOID VALVE RELATED TO ON-OFF XV-	74 7 0 0 00						
316	1		390117 - CLEAN COMPR AIR SUPPLY TO	7A-Z-0-2-03	С	-	<u>-</u>	-	1	
			FGA-3901-1		+					
317	1		SOLENOID VALVE RELATED TO ON-OFF XV-	74 7 0 2 02	С				1	
317	'		390118 - CLEAN COMPR AIR SUPPLY TO FGA-3901-1	7A-Z-0-2-03		-	<u>-</u>	· -	1	
			DRUG PRODUCT - STERILE FILTRATION		-					
318	1	I X V-300101Δ	FIL-3901	7A-Z-0-2-03	С	-	<del>-</del>	-	1	
<u> </u>			DRUG PRODUCT - STERILE FILTRATION	_,	+_			1	<u> </u>	
319	1	IX V_3401103	FIL-3901	7A-Z-0-2-03	С	-	-	-	1	
202			DRUG PRODUCT - STERILE FILTRATION	74 7 0 0 00	<b>1</b> ^					
320	1	XV-390104	FIL-3901	7A-Z-0-2-03	С	· -	· ·	-	1	
221	1	XV-390105	DRUG PRODUCT - STERILE FILTRATION	7A-Z-0-2-03	С				1	
321	l '	V A -020 100	FIL-3901	1 M-L-U-Z-U3	1	· -	·	-	'	

	TESSLER ips		100 Hamabuta	TITLE:	PRO	DUCT	DOC NR.: 569-DB07A-AIC-310-001		
€	ng∈n	iharia <b>ips</b>	Takeda Hemobrás  Orprosituais na de hemodernados e la delevación de la contractica del la contractica del la contractica de la contractica			ENT INDEX	CLIENT NR.: PRD-AIC-LIS-009		REV.: <b>2</b>
ID	REV	TAG Nr.	SERVICE	P&ID	LOC.	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
ID	IXL V	TAG NI.	SERVICE	LINE OR EQUIP	(*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
322	1	XV-390106	DRUG PRODUCT - STERILE FILTRATION FIL-3901	7A-Z-0-2-03	С	-	-	-	1
323	1	XV-390107	DRUG PRODUCT - STERILE FILTRATION FIL-3901	7A-Z-0-2-03	С	-	-	-	1
324	1	XV-390109	DRUG PRODUCT - STERILE FILTRATION FIL-3901	7A-Z-0-2-03	С	-	-	-	1
325	1	XV-390110	DRUG PRODUCT - STERILE FILTRATION FIL-3901	7A-Z-0-2-03	С	-	-	-	1
326	1	XV-390111A	DRUG PRODUCT - STERILE FILTRATION FIL-3901	7A-Z-0-2-03	С	-	-	-	1
327	1	XV-390111B	DRUG PRODUCT - STERILE FILTRATION FIL-3901	7A-Z-0-2-03	С	-	-	-	1
328	1	XV-390111C	DRUG PRODUCT - STERILE FILTRATION FIL-3901	7A-Z-0-2-03	С	-	-	-	1
329	1	XV-390112	DRUG PRODUCT - STERILE FILTRATION FIL-3901	7A-Z-0-2-03	С	-	-	-	1
330	1	XV-390114	DRUG PRODUCT - STERILE FILTRATION FIL-3901	7A-Z-0-2-03	С	-	-	-	1
331	1	XV-390116A	DRUG PRODUCT - STERILE FILTRATION FIL-3901	7A-Z-0-2-03	С	-	-	-	1
332	1	XV-390116B	DRUG PRODUCT - STERILE FILTRATION FIL-3901	7A-Z-0-2-03	С	-	-	-	1
333	1	XV-390116C	DRUG PRODUCT - STERILE FILTRATION FIL-3901	7A-Z-0-2-03	С	-	-	-	1
334	1	XV-390116D	DRUG PRODUCT - STERILE FILTRATION FIL-3901	7A-Z-0-2-03	С	-	-	-	1
335	1	XV-390118	DRUG PRODUCT - STERILE FILTRATION FIL-3901	7A-Z-0-2-03	С	-	-	-	1
336	1	XV-390123	STERILE FILTER PRODUCT FROM	7A-Z-0-2-04	С	PRD-AIC-DSH-018	07-I-0-8-01	7A-I-2-4-26	2
337	1	XV-390120	CIP RETURN	7A-Z-0-2-04	С	PRD-AIC-DSH-018	07-I-0-8-01	7A-I-2-4-26	2
338	1	SV-110101	SOLENOID VALVE RELATED TO THREE WAY XV- 110101 - FROM STERILE FILT TO CIP RETURN OR ST TRAP T-110102	7A-Z-0-2-04	С	PRD-AIC-DSH-018	07-I-0-8-01	7A-I-2-4-26	2
339	1	TE-390124	PRESSURIZED HEADER PROCESS WASTE	7A-Z-0-2-04	С	PRD-AIC-DSH-018	07-I-0-8-01	7A-I-2-4-21	2
340	1	TIT-390124	PRESSURIZED HEADER PROCESS WASTE	7A-Z-0-2-04	С	PRD-AIC-DSH-018	07-I-0-8-01	7A-I-2-4-21	2
341	1	PI-110507	LYOPHILIZER N°1 - LYO-1105 - CHILLED WATER LOOP RETURN	7A-Z-0-2-08	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
342	1	PI-110508	LYOPHILIZER N°1 - LYO-1105 - CHILLED WATER LOOP SUPPLY	7A-Z-0-2-08	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2

		_		TITLE:			DOC NR.:		SHEET.:
	res:	inaria ips	Takeda Hemobrás	DRUG	<b>PRO</b>	DUCT	569-DB07A-AIC-310-001		20 de 22
■	ng∈n	inaria	Empresa insulti es de hama de mados e la clas cratiqua	PCS - INST	RUM	ENT INDEX	CLIENT NR.: PRD-AIC-LIS-009		REV.: <b>2</b>
ID	REV	TAG Nr.	SERVICE	P&ID	LOC.	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
	IVE V	TAO NI.	GERVIOE	LINE OR EQUIP	(*)	OF EOIL TOATION OFFEETO	INSTALLATION DETAIL	LOOATIONTEAN	NOTEO
343	1	PI-110509	LYOPHILIZER N°1 - LYO-1105 - CHILLED WATER LOOP RETURN	7A-Z-0-2-08	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
344	1	PI-110510	LYOPHILIZER N°1 - LYO-1105 - CHILLED WATER LOOP RETURN	7A-Z-0-2-08	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
345	1	PI-110808	LYOPHILIZER N°1 - LYO-1105 - CHILLED WATER LOOP RETURN	7A-Z-0-2-08	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
346	1	PSV-110501	LYOPHILIZER N°1 - LYO-1105 - GASEOUS NITROGEN FROM DISTRIBUTION	7A-Z-0-2-08	С	PRD-AIC-DSH-028	07-I-0-8-01	-	2
347	1	TI-110507	LYOPHILIZER N°1 - LYO-1105 - CHILLED WATER LOOP RETURN	7A-Z-0-2-08	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
348	1	TI-110508	LYOPHILIZER N°1 - LYO-1105 - CHILLED WATER LOOP SUPPLY	7A-Z-0-2-08	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
349	1	TI-110509	LYOPHILIZER N°1 - LYO-1105 - CHILLED WATER LOOP RETURN	7A-Z-0-2-08	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
350	1	TI-110510	LYOPHILIZER N°1 - LYO-1105 - CHILLED WATER LOOP RETURN	7A-Z-0-2-08	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
351	1	TI-110808	LYOPHILIZER N°1 - LYO-1105 - CHILLED WATER LOOP RETURN	7A-Z-0-2-08	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
352	1	PI-110607	LYOPHILIZER N°2 - LYO-1106 - CHILLED WATER LOOP RETURN	7A-Z-0-2-09	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
353	1	PI-110608	LYOPHILIZER N°2 - LYO-1106 - CHILLED WATER LOOP SUPPLY	7A-Z-0-2-09	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
354	1	PI-110609	LYOPHILIZER N°2 - LYO-1106 - CHILLED WATER LOOP RETURN	7A-Z-0-2-09	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
355	1	PI-110610	LYOPHILIZER N°2 - LYO-1106 - CHILLED WATER LOOP RETURN	7A-Z-0-2-09	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
356	1	PI-110808	LYOPHILIZER N°2 - LYO-1106 - CHILLED WATER LOOP RETURN	7A-Z-0-2-09	С	PRD-AIC-DSH-023	07-I-0-8-01	-	2
357	1	TI-110607	LYOPHILIZER N°2 - LYO-1106 - CHILLED WATER LOOP RETURN	7A-Z-0-2-09	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
358	1	TI-110608	LYOPHILIZER N°2 - LYO-1106 - CHILLED WATER LOOP SUPPLY	7A-Z-0-2-09	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
359	1	TI-110609	LYOPHILIZER N°2 - LYO-1106 - CHILLED WATER LOOP RETURN	7A-Z-0-2-09	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
360	1	TI-110610	LYOPHILIZER N°2 - LYO-1106 - CHILLED WATER LOOP RETURN	7A-Z-0-2-09	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
361	1	TI-110808	LYOPHILIZER N°2 - LYO-1106 - CHILLED WATER LOOP RETURN	7A-Z-0-2-09	С	PRD-AIC-DSH-027	07-I-0-8-01	-	2
362	1	HS-BM77013	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
363	1	SC-BC770102	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
364	1	SV-770101	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1

	TESSLER ips		40011	DRUG PRODUCT			DOC NR.: 569-DB07A-AIC-310-001		SHEET.: 21 de 22
<b>□</b>	ng∈n	haria <b>IPS</b>	Takeda  Takeda  Takeda  Takeda  Takeda	PCS - INST		ENT INDEV	CLIENT NR.: PRD-AIC-LIS-009		REV.: <b>2</b>
ID	REV	TAG Nr.	SERVICE	P&ID LINE OR EQUIP	LOC. (*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
365	1	SV-770102	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
366	1	SV-770103	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
367	1	SV-770104A	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
368	1	SV-770104B	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
369	1	SV-770105	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
370	1	SV-770106	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
371	1	SV-770107	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
372	1	SV-770108	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
373	1	SV-BC7701-1	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
374	1	SV-BC7701-2	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
375	1	XV-770101	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
376	1	XV-770102	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
377	1	XV-770103	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
378	1	XV-770104A	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
379	1	XV-770104B	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
380	1	XV-770105	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
381	1	XV-770106	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
382	1	XV-770107	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
383	1	XV-770108	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
384	1	XV-BC7701-1	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
385	1	XV-BC7701-2	DRUG PRODUCT - CIP SYSTEM - CIP-7701	7A-Z-0-2-21	С	-	-	-	1
386	1	PCV-470102	CIP/SIP STATION - STA-4701 - CLEAN COMP AIR SUPPLY TO SIP PORTABLE VESSEL	7A-Z-0-2-22	С	-	-	-	1

				TITLE:			DOC NR.:		
	CSS	iharia <b>ips</b>	Takeda Hemobrás	DRUG	PRO	DUCT	569-DB07A-AIC-310-001		22 de 22 REV.:
	ii g e ii		Croprosa brasile as de homa derivados e la cata cociliogas	PCS - INST	RUMI	ENT INDEX	PRD-AIC-LIS-009		<b>2</b>
ID	REV	TAG Nr.	SERVICE	P&ID	LOC.	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
	IVE V	IAO NI.	GERVIOE	LINE OR EQUIP	(*)	OF EOII TOATION OFFEETO	INOTALEATION DETAIL	LOOATIONTEAN	NOTEO
387	1	PCV-470104	CIP/SIP STATION - STA-4701 - CLEAN COMP AIR SUPPLY TO SIP PORTABLE VESSEL	7A-Z-0-2-22	С	-	-	-	1
388	1	SC-AG4701	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP STATION - STA-4701	7A-Z-0-2-22	С	-	-	-	1
389	1	SV-470101	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP STATION - STA-4701	7A-Z-0-2-22	С	-	-	-	1
390	1	SV-470102	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP STATION - STA-4701	7A-Z-0-2-22	С	-	-	-	1
391	1	SV-470103	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP STATION - STA-4701	7A-Z-0-2-22	С	-	-	-	1
392	1	SV-470104	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP STATION - STA-4701	7A-Z-0-2-22	С	-	-	-	1
393	1	SV-470105	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP STATION - STA-4701	7A-Z-0-2-22	С	-	-	-	1
394	1	SV-470106	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP STATION - STA-4701	7A-Z-0-2-22	С	-	-	-	1
395	1	SV-470107	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP STATION - STA-4701	7A-Z-0-2-22	С	-	-	-	1
396	1	SV-630101	DRUG PRODUCT - WFI STILL MES-6401	7A-Z-0-2-24	С	-	-	-	1
397	1	XV-630101	DRUG PRODUCT - WFI STILL MES-6401	7A-Z-0-2-24	С	-	-	-	1
398	1		DRUG PRODUCT - HOT WFI STORAGE TANK - TQ- 6401	7A-Z-0-2-25	С	-	-	-	1
399	1	181/-6/101027	DRUG PRODUCT - HOT WFI STORAGE TANK - TQ- 6401	7A-Z-0-2-25	С	-	-	-	1
400	1	SV-640102B	DRUG PRODUCT - HOT WFI STORAGE TANK - TQ- 6401	7A-Z-0-2-25	С	-	-	-	1
401	1	XV-640102A	DRUG PRODUCT - HOT WFI STORAGE TANK - TQ- 6401	7A-Z-0-2-25	С	-	-	-	1
402	1	XV-640102B	DRUG PRODUCT - HOT WFI STORAGE TANK - TQ- 6401	7A-Z-0-2-25	С	-	-	-	1
403	1	PSV-260003	LIQ. NITROGEN REC - STORAGE - DISTRIB - PRESSURE SAFETY VALVE ON TQ-2600	7A-Z-0-2-34	С	-	-	-	1
404	1	TT-470106	TEMPERATURE SENSOR AND TRANSMITTER CIP/SIP STATION STA-4701 PORTABLE VESSEL OUTLET	7A-Z-0-2-22	С	PRD-AIC-DSH-008	07-I-0-8-01	-	2
405	1	TE-470106	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP STATION - STA-4701	7A-Z-0-2-22	С	PRD-AIC-DSH-008	07-I-0-8-01	-	2
406	1	TT-470107	TEMPERATURE SENSOR AND TRANSMITTER CIP/SIP STATION STA-4701 PORTABLE VESSEL OUTLET	7A-Z-0-2-22	С	PRD-AIC-DSH-008	07-I-0-8-01	-	2
407	1	TE-470107	DRUG PRODUCT - PORTABLE VESSEL CIP/SIP STATION - STA-4701	7A-Z-0-2-22	С	PRD-AIC-DSH-008	07-I-0-8-01	-	2