## DRUG PRODUCT BMS - INSTRUMENT INDEX

3	ISSUED FOR	CONSTRUC	TION. UPDATE	D AS PER NO	OTES.								
2	ISSUED FOR	CONSTRUC	TION. UPDATE	D AS PER NO	OTES.						TESSLER INC	Takada	Hemobrás
1	ISSUE FOR C	CONSTRUCTI	ON CONSIDER	RING COMME	NTS						engenharia <b>IPS</b>	(Takeda)	Empresa brasile les de hemodenivados e brote cnologia
0	ISSUE FOR C	CONSTRUCTI	ON										
Α	60% DD ISSU	JE									DOC NR:	CLIENT NR:	
REV					DESCR	IPTION					569-DB7A-AIC-310-003	PRD-AIC-LIS	5-014
REVIEW	REV. A	REV. 0	REV. 1	REV. 2	REV. 3	REV. 4	REV. 5	REV. 6	REV. 7	REV. 8	CLIENT:		
DATE	24MAR2021	30JUL2021	29OCT2021	11APR2022	27MAI2022						TAKEDA/BAXALTA		
EXEC	JHA	JHA	MAV	AG	MAB						PROJECT:		REV.:
CHECK	MAF	MAF	MAF	MAF	MAF						BURITI EPCMV PROJECT		2
APPROV	RSP	RSP	RSP	RSP	RSP								3







TITLE:

## DRUG PRODUCT BMS - INSTRUMENT INDEX

	SHEET.: 2 / 20
DOC NR.: PRD-AIC-LIS-014	REV.:

REVISION 0 NOTES:	
1- UPDATE ACCORDING TO P&ID (HVAC AND PROCESS).	
2- INSERTION OF NUMBER DATASHEET.	
3- CANCEL. INSTRUMENTS CANCELED, KEEPED FOR HISTORY ONLY.	
REVISION 1 NOTES:	
1- CANCELLED FIT-790312, FV-940053, FV-940054, LSHL-960070, LV-960070, PDIT-960001, PIT-790311, PIT-790312, PIT-940054, PIT-960001, PIT-960006, PIT-9700XX01, TE/TT-790312,	
TIT/TE-940054, TIT/TE-940069, TIT/TE-940070, TI/TE-9700XX02, TIT/TE-9700XX03, PDI-AHU-7A-1-001, PDI-AHU-7A-2-001, PDI-AHU-7A-3-001, PDI-AHU-7A-4-001, PDI-AHU-7A-4-002 PDI-AHU-7A-5-001, PDI-AHU-7A-6-001, PDI-DOAS-7A-1-001, PDS-AHU-7A-2-002, PDS-AHU-7A-4-002, PDT-RAV-A-2044-2, PDT-RAV-A-2044-3, TE/TT-RH-A-2044-2, TE/TT-RH-A-2044-3	
TE/TT-RH-A-20XX-1, TE/TT-RH-A-2003-2, TE/TT-RH-A-2036-2, TE/TT-RH-A-2037-2, TE/TT-RH-A-2002-2, TE/TT-AHU-7A-5-002, FT/XY-RH-A1029-1, FT/XY-RH-A1029-2	
2- DELETED NOTE 3.	
REVISION 2 NOTES AS PER N+1 UPDATE	
1 - HIGHLIGHTED TEXT INFORM FUTURE INSTRUMENTS.	
REVISION 3	
1 - CANCELED INSTRUMENTS: PT-AHU-7A-5-001, PT-AHU-7A-5-002, TT/MT-AHU-7A-5-001, TT/MT-AHU-7A-5-002, TE-RH-A1001-1, TT-RH-A1001-1, TE-RH-A1002-1, TT-RH-A1002-1, TE-RH-A1003-1	
TT-RH-A1003-1, TE-RH-A1004-1, TT-RH-A1004-1, TE-RH-A1005-1, TT-RH-A1005-1, TE-RH-A1019-1, TT-RH-A1019-1, TE-RH-A1029-1, TT-RH-A1029-1, TE-960005, TT-960005	
2- ADDED INSTRUMENTS: TE-AHU-7A-6-001, TT-AHU-7A-6-001, FE-AHU-7A-6-012, FT-AHU-7A-6-012	







## DRUG PRODUCT BMS - INSTRUMENT INDE

OC NR.:	SHEET.:
69-DB7A-AIC-310-003	3 / 20
OC NR.: PRD-AIC-LIS-014	REV.:

	lengenharia <b>193</b>	* Takeda *	Empresa brasile as de hema denivados e biota cinciloga	BMS - INSTRUMENT INDEX	DOC NR.: PRD-AIC-LIS-014	REV.: <b>3</b>
1-	ABBREVIATION:					
	BU=> BLACK UTILITIES INSTRUM	MENTS OF PROCESS				
	HVAC => BLACK UTILITIES (NON	I-VALIDATED HVAC INSTE	RUMENTS) HVAC			
2-	FOR THIS DOCUMENT WILL ONL	Y BE INDICATED AND DE	ETAILED BY THE PROJECT, ARE NO	OT PART OF THIS PACKAGE INSTRUMENTS.		

Пт	·65	SIER .		TITLE: DRUG	DP∩	DUCT	DOC NR.: 569-DB7A-AIC-310-003		SHEET.: 4 / 20
€	TESSLER IPS Take		Takeda   Hemobrás	BMS - INSTI			CLIENT NR.: PRD-AIC-LIS-014		REV.:
ID	REV	TAG Nr.	SERVICE	P&ID LINE OR EQUIPMENT	LOC.	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
1	2	FIT-610001	INDUSTRIAL WATER DISTRIBUTION SYSTEM	7A-M-0-5-41 4"-DW-610001-PP1-NI	С	PRD-AIC-DSH-004	07-1-0-8-03	7A-I-3-3-31	BU
2	2	FIT-790314	PLANT STEAM PC-7A-1 / CSG-6501 / MÊS-6401	7A-M-0-5-61 21/2"-IS8B-790312-CS2-HC	С	PRD-AIC-DSH-073	07-1-0-8-03	7A-I-3-3-31	BU
3	2	FIT-790315	PLANT STEAM RE-HEATED WATER FOR SKID	7A-M-0-5-61 11/2"-IS8B-790315-CS2-HC	С	PRD-AIC-DSH-073	07-I-0-8-03	7A-I-3-3-31	BU
4	2	FIT-790317	PLANT STEAM RE-HEATED WATER-HX-7A-1	7A-M-0-5-61 2"-IS8B-790317-CS2-HC	С	PRD-AIC-DSH-073	07-1-0-8-03	7A-I-3-3-31	BU
5	2	FIT-940053	COOLING WATER - CHILLED WATER GEN. (HVAC)	7A-M-0-5-42 14"-TWS-940053-CS1-NI	С	PRD-AIC-DSH-004	07-I-0-8-03	7A-I-3-3-31	BU
6	2	FIT-940054	COOLING WATER - CHILLED WATER GEN. (PROC)	7A-M-0-5-42 6"-TWS-940054-CS1-NI	С	PRD-AIC-DSH-004	07-I-0-8-03	7A-I-3-3-31	BU
7	2	FIT-940075	INDUSTRIAL WATER - MAKE-UP	7A-M-0-5-42 21/2"-DW-940075-PP1-NI	С	PRD-AIC-DSH-004	07-1-0-8-03	7A-I-3-3-31	BU
8	2	FIT-940090	COOLING WATER -PROC. WASTE - LIFT STATION	7A-M-0-5-42 6"-TWS-940090-CS1-NI	С	PRD-AIC-DSH-004	07-I-0-8-03	7A-I-3-3-31	BU
9	2	FIT-940092	COOLING WATER -COMPRESSED AIR GENERATION	7A-M-0-5-42 2"-TWS-940092-CS1-NI	С	PRD-AIC-DSH-004	07-1-0-8-03	7A-I-3-3-31	BU
10	2	FIT-960001	CHILLED WATER - SUPPLY BUILDING 7A	7A-M-0-5-43 10"-CW1R-960001-CS1-CC	С	PRD-AIC-DSH-004	07-I-0-8-03	7A-I-3-3-31	BU
11	2		CHILLED WATER - SUPPLY BUILDING 7B	7A-M-0-5-43 10"-CW1R-960006-CS1-CC	С	PRD-AIC-DSH-004	07-I-0-8-03	7A-I-3-3-31	BU
12	2	FIT-960062	COOLING WATER - COOLING TOWERS - CH-7A-	7A-M-0-5-43 12"-TWR-960062-CS1-NI	С	PRD-AIC-DSH-004	07-1-0-8-03	7A-I-3-3-31	BU
13	2	FIT-960064	COOLING WATER - COOLING TOWERS - CH-7A- 2	7A-M-0-5-43 12"-TWR-960064-CS1-NI	С	PRD-AIC-DSH-004	07-1-0-8-03	7A-I-3-3-31	BU
14	2	FIT-960066	COOLING WATER - COOLING TOWERS - CH-7A-	7A-M-0-5-43 12"-TWR-960066-CS1-NI	0	PRD-AIC-D9H-004	<del>07-1-0-0-03</del>	7A-I-3-3-31	BU
15	2	FIT-960075	COOLING WATER - COOLING TOWERS - CH-7A-	7A-M-0-5-43 10"-CW1R-960075-CS1-CC	С	PRD-AIC-DSH-004	07-1-0-8-03	7A-I-3-3-31	BU
16	2	FIT-960076	COOLING WATER - COOLING TOWERS - CH-7A-2	7A-M-0-5-43 10"-CW1R-960076-CS1-CC	С	PRD-AIC-DSH-004	07-1-0-8-03	7A-I-3-3-31	BU
17	2	FIT-960077	COOLING WATER - COOLING TOWERS - CH-7A-	7A-M-0-5-43 10"-CW1R-960077-CS1-CC	0	PRD-AIC-DSH-004	<del>07-1-0-8-03</del>	7A-I-3-3-31	BU
18	2	FIT-960085	CHILLED WATER - RETURN BUILDING 7A	7A-M-0-5-43 8"-CW1R-960005-CS1-CC	С	PRD-AIC-DSH-004	07-1-0-8-03	7A-I-3-3-31	BU
19	2	FIT-960088	CHILLED WATER - RETURN BUILDING 7B	7A-M-0-5-43 10"-CW1R-960008-CS1-CC	С	PRD-AIC-DSH-004	07-1-0-8-03	7A-I-3-3-31	BU
20	2	FIT-980056	COOLING WATER - COOLING TOWERS PCH-7A-1	7A-M-0-5-45 6"-TWR-980056-CS1-NI	С	PRD-AIC-DSH-004	07-1-0-8-03	7A-I-3-3-31	BU
21	2	FIT-980057	COOLING WATER - COOLING TOWERS PCH-7A-2	7A-M-0-5-45 6"-TWR-980057-CS1-NI	C	PRD AIC DOH 004	07-I-0-0 <del>-</del> 03	7A-I-9-9-91	BU
22	2	FIT-980060	DISTRIBUTION SYSTEM - CHILLED GLYCOL FOR BT-7A-1	7A-M-0-5-45 6"-GW0R-980060-CS1-CC	С	PRD-AIC-DSH-004	07-1-0-8-03	7A-I-3-3-31	BU
23	2	FIT-980075	GLYCOL FOR PCH-7A-1	7A-M-0-5-45 6"-GW0R-980075-CS1-CC	С	PRD-AIC-DSH-004	07-1-0-8-03	7A-I-3-3-31	BU
24	2	FIT-980077	CLYCOL FOR PCH 7A 2	7A-M-0-5-45 6"-GW0R-980077-CS1-CC	C	PRD AIC DSH-004	<del>07-1-0-0-03</del>	7A-I-9-9-91	<b>B</b> U

		SI SD		TITLE:	DD 0	DUCT	DOC NR.: 569-DB7A-AIC-310-003		SHEET.: 5 / 20
€	n g e	sler ips	Takeda   Hemobrás	DRUG BMS - INSTR			CLIENT NR.: PRD-AIC-LIS-014		REV.:
ID.	DEV	TAGNE	050/405	P&ID	LOC.			LOCATION BLAN	
ID	REV	TAG Nr.	SERVICE	LINE OR EQUIPMENT	(*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
25	2	LIT-980051	BUFFER TANK	7A-M-0-5-45 BT-7A-1	С	PRD-AIC-DSH-057	07-1-0-8-03	7A-I-3-3-31	BU
26	2	LIT-980052	BUFFER TANK	7A-M-0-5-45 BT-7A-1	С	PRD-AIC-DSH-057	07-1-0-8-03	7A-I-3-3-31	BU
27	2	PCV-610001	INDUSTRIAL WATER DISTRIBUTION SYSTEM	7A-M-0-5-41 4"-DW-610001-PP1-NI	С	PRD-AIC-DSH-058	07-I-0-8-03	-	BU
28	2	PCV-790101	PLANT STEAM RE-HEATED WATER-HX-7A-1	7A-M-0-5-61 2"-IS8B-790317-CS2-HC 3"-IS1B-790101-CS1-HC	С	PRD-AIC-DSH-058	07-1-0-8-03	-	BU
29	2	PCV-790201	PLANT STEAM RE-HEATED WATER FOR SKID	7A-M-0-5-61 11/2"-IS8B-790315-CS2-HC 11/2"-IS4B-790201-CS1-HC	С	PRD-AIC-DSH-058	07-I-0-8-03	-	BU
30	2	PCV-790314	PLANT STEAM PC-7A-1 / CSG-6501 / MÊS-6401	7A-M-0-5-61 21/2"-IS8B-790312-CS2-HC 21/2"-IS8B-790332-CS2-HC	С	PRD-AIC-DSH-058	07-1-0-8-03	-	BU
31	2	PDIT-9600234	RE-HEATED WATER SUPPLY / RETURN 7A	7A-M-0-5-55 6"-CW1R-960005-CS1-CC / 6"-CW1S-960004-CS1-CC	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
32	2	PDIT-970005	RE-HEATED WATER SUPPLY / RETURN 7A	7A-M-0-5-50 11/2"-HHWR-970010-CS1-HC / 11/2"-HHWS-970005-CS1-HC	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
33	2	PDIT-980163	CHILLED GLYCOL HEADER / CHILLED GLYCOL 1°C HEADER	7A-M-0-5-53 11/2"-GW0R-980060-CS1-CC / 11/2"-GW0S-9800163-CS1-CC	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
34	2	PI-610001	INDUSTRIAL WATER DISTRIBUTION SYSTEM	7A-M-0-5-41 4"-DW-610001-PP1-NI	С	PRD-AIC-DSH-052	07-1-0-8-03	-	BU
35	2	PI-610002	INDUSTRIAL WATER DISTRIBUTION SYSTEM	7A-M-0-5-41 4"-DW-610001-PP1-NI	С	PRD-AIC-DSH-052	07-1-0-8-03	-	BU
36	2	PI-940049	P-C-7A-3 COOLING WATER	7A-M-0-5-42 12"-TWS-940049-CS1-NI	С	PRD-AIC-DSH-052	07-1-0-8-03	-	BU
37	2	PI-940050	P-C-7A-2 COOLING WATER	7A-M-0-5-42 12"-TWS-940050-CS1-NI	С	PRD-AIC-DSH-052	07-1-0-8-03	-	BU
38	2	PI-940051	P-C-7A-1 COOLING WATER	7A-M-0-5-42 12"-TWS-940051-CS1-NI	С	PRD-AIC-DSH-052	07-1-0-8-03	-	BU
39	2	PI-960001	CHILLED WATER RETURN BUILDING 7A P-CH-	7A-M-0-5-44	6	PRD-AIC-DOH-052	<del>07-1-0-0-03</del>	_	BU
			7A-4 CHILLED WATER RETURN BUILDING 7A P-CH-	10"-CW1S-960001-CS1-CC	<u> </u>				
40	2	PI-960002	7A-4	7A-M-0-5-44 8"-CW1S-960004-CS1-CC	C	PRD-AIC-D3H-052	07-i-0-8-03	-	BU
41	2	PI-960006 ———	CHILLED WATER RETURN BUILDING 7B P-CH- 7B-6	7A-M-0-5-44 10"-CW1S-960006-CS1-CC	-	PRD AIC DCH 052	<del>07   0 0 00</del>		BU
42	2	PI-960007	CHILLED WATER RETURN BUILDING 7B P-CH- 7B-6	7A-M-0-5-44 10"-CW1S-960007-CS1-CC	C	PRD AIC DSH 052	07 ! 0 8 03		BU
43	2	PI-960030	CHILLED WATER - RETURN BUILDING 7A / 7B	7A-M-0-5-43 10"-CW1R-960030-CS1-CC	С	PRD-AIC-DSH-052	07-1-0-8-03	-	BU
44	2	PI-960040	CHILLED WATER - RETURN BUILDING 7A / 7B	7A-M-0-5-43 10"-CW1R-960040-CS1-CC	С	PRD-AIC-DSH-052	07-1-0-8-03	-	BU
45	2	PI-960050	CHILLED WATER - RETURN BUILDING 7A / 7B	7A-M-0-5-43 10"-CW1R-960050-CS1-CC	С	PRD-AIC-DSH-052	07-I-0-8-03	-	BU
46	2	PI-960051	CHILLED WATER - RETURN BUILDING 7A / 7B	7A-M-0-5-43 10"-CW1R-960051-CS1-CC	С	PRD-AIC-DSH-052	07-1-0-8-03	-	BU
47	2	PI-960052 ———	CHILLED WATER RETURN BUILDING 7A / 7B	7A-M-0-5-43 10"-CW1R-960052-CS1-CC	0	PRD-AIC-DSH-052	<del>07-1-0-8-03</del>	_	BU
48	2	PI-960053	CHILLED WATER RETURN BUILDING 7A P-CH- 7A-5	7A-M-0-5-44 10"-CW1S-960053-CS1-CC	С	PRD-AIC-DSH-052	07-1-0-8-03	-	BU

		-: ·		TITLE:		D	DOC NR.:		SHEET.: 6 / 20
€	n g e	SLER IPS	Takeda   Hemobrás Empresa brasilia sa de hamadaria ada e bi observados e bi ob	DRUG BMS - INSTF			569-DB7A-AIC-310-003  CLIENT NR.:		REV.:
Ī		Γ		P&ID	1		PRD-AIC-LIS-014		3
ID	REV	TAG Nr.	SERVICE	LINE OR EQUIPMENT	LOC. (*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
49	2	1PI-960054	CHILLED WATER RETURN BUILDING 7A P-CH- 7A-5	7A-M-0-5-44 8"-CW1S-960054-CS1-CC	С	PRD-AIC-DSH-052	07-I-0-8-03	-	BU
50	2	PI-960055	CHILLED WATER RETURN BUILDING 7B P-CH- 7B-7	7A-M-0-5-44 10"-CW1S-960055-CS1-CC	С	PRD-AIC-DSH-052	07-1-0-8-03	-	BU
51	2	PI-960056	CHILLED WATER RETURN BUILDING 7B P-CH- 7B-7	7A-M-0-5-44 10"-CW1S-960056-CS1-CC	С	PRD-AIC-DSH-052	07-1-0-8-03	-	BU
52	2	PI-960058 ———	CHILLED WATER - RETURN BUILDING 7A / 7B	7A-M-0-5-43 10"-CW1R-960057-CS1-CC	0	PRD-AIC-D9H-052	<del>07-1-0-6-03</del>		BU
53	2	PI-980063	GLYCOL AMOUNT P-PCH-7A-1	7A-M-0-5-45 6"-GW0R-980063-CS1-CC	С	PRD-AIC-DSH-052	07-1-0-8-03	-	BU
54	2	PI-980064	CLYCOL AMOUNT P PCH 7A 2	7A-M-0-5-45 6"-GW0R-980064-CS1-CC	G	PRD AIG DGH 052	<del>07-l-0-0-03</del>		BU
55	2	PI-980068	GLYCOL DOWNSTREAM P-PCH-7A-1	7A-M-0-5-45 6"-GW0R-980068-CS1-CC	С	PRD-AIC-DSH-052	07-I-0-8-03	-	BU
56	2	PI-980071	CLYCOL DOWNSTREAM P PCH 7A 2	7A-M-0-5-45 6"-GW0R-980071-CS1-CC	C	PRD AIG DGH 052	<del>07-1-0-0-03</del>		BU
57	2	PI-980160	SUPLPLY BUILDING 7A - CHILLED GLYCOL 1°C AMOUNT P-PCH-7A-3	7A-M-0-5-46 6"-GW0S-980086-CS1-CC	С	PRD-AIC-DSH-052	07-1-0-8-03	-	BU
58	2	PI-980161	SUPLPLY BUILDING 7A - CHILLED GLYCOL 1°C AMOUNT P-PCH-7A-4	7A-M-0-5-46 6"-GW0S-980161-CS1-CC	С	PRD-AIC-DSH-052	07-1-0-8-03	-	BU
59	2	PI-980162	SUPLPLY BUILDING 7A - CHILLED GLYCOL 1°C DOWNSTREAM P-PCH-7A-4	7A-M-0-5-46 6"-GW0S-980162-CS1-CC	С	PRD-AIC-DSH-052	07-1-0-8-03	-	BU
60	2	PI-980163	SUPLPLY BUILDING 7A - CHILLED GLYCOL 1°C DOWNSTREAM P-PCH-7A-3	7A-M-0-5-46 6"-GW0S-980163-CS1-CC	С	PRD-AIC-DSH-052	07-1-0-8-03	-	BU
61	2	PIT-790101	PLANT STEAM RE-HEATED WATER-HX-7A-1	7A-M-0-5-61 3"-IS1B-790101-CS1-HC	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
62	2	PIT-790201	PLANT STEAM RE-HEATED WATER FOR SKID	7A-M-0-5-61 11/2"-IS4B-790201-CS1-HC	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
63	2	PIT-790314	PLANT STEAM PC-7A-1 / CSG-6501 / MÊS-6401	7A-M-0-5-61 21/2"-IS8B-790312-CS2-HC	С	-	07-1-0-8-03	7A-I-3-3-31	BU
64	2	PIT-790315	PLANT STEAM RE-HEATED WATER FOR SKID	7A-M-0-5-61 11/2"-IS8B-790315-CS2-HC	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
65	2	PIT-790317	PLANT STEAM RE-HEATED WATER-HX-7A-1	7A-M-0-5-61 2"-IS8B-790317-CS2-HC	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-3-3-31	BU
66	2		PLANT STEAM PC-7A-1 / CSG-6501 / MÊS-6401	7A-M-0-5-61 21/2"-IS8B-790332-CS2-HC	С	-	07-I-0-8-03	7A-I-3-3-31	BU
67	2	P11-940020	COOLING WATER - PROC.WASTER / AIR GENERATION / CHILLER GENER. (PRC/HVAC)	7A-M-0-5-42 16"-TWR-940069-CS1-NI	С	-	07-1-0-8-03	7A-I-3-3-31	BU
68	2	PIT-940053	COOLING WATER - CHILLED WATER GEN. (PROC./ HVAC)	7A-M-0-5-42 16"-TWS-940053-CS1-NI	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-3-3-31	BU
69	2	PIT-960059	CHILLED WATER - SUPPLY BUILDING 7A/7B	7A-M-0-5-43 10"-CW1S-960074-CS1-CC	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-3-3-31	BU
70	2		BY PASS CHILLED WATER - CH-7A-1/2/3	7A-M-0-5-43 6"-CW1R-960059-CS1-CC	С	PRD-AIC-DSH-074	-	7A-I-3-3-31	BU
71	2	PH-960061	COOLING WATER - COOLING TOWERS - CH-7A- 1	7A-M-0-5-43 12"-TWS-960061-CS1-NI	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-3-3-31	BU
72	2	PIT-960062	COOLING WATER - COOLING TOWERS - CH-7A-	7A-M-0-5-43 12"-TWR-960062-CS1-NI	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU

				TITLE:			DOC NR.:		SHEET.:
T	ES	SLER IPS	Takeda Hemobrás	DRUG	PRO	DUCT	569-DB7A-AIC-310-003		7 / 20 REV.:
П. с	ii g e		Empresa brasile es de home derivados e brote codo qua	BMS - INSTI	RUM	ENT INDEX	PRD-AIC-LIS-014		3
ID	REV	TAG Nr.	SERVICE	P&ID LINE OR EQUIPMENT	LOC. (*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
73	2	PIT-960063	COOLING WATER - COOLING TOWERS - CH-7A-		С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
74	2	PIT-960064	COOLING WATER - COOLING TOWERS - CH-7A- 2		С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
75	2	PIT-960065	COOLING WATER - COOLING TOWERS - CH-7A- 3	7A-M-0-5-43 12"-TWS-960065-CS1-NI	C	PRD AIC DCH 054	97-1-0-8-03	7A-I-3-3-31	BU
76	2	PIT-960066 ———	COOLING WATER - COOLING TOWERS - CH-7A-	7A-M-0-5-43 12"-TWR-960066-CS1-NI	0	PRD AIC DOH 054	07-I-0-8-03	7A-I-3-3-31	BU
77	2	PIT-960075	COOLING WATER - COOLING TOWERS - CH-7A- 1	7A-M-0-5-43 10"-CW1R-960075-CS1-CC	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
78	2	PIT-960076	COOLING WATER - COOLING TOWERS - CH-7A- 2	7A-M-0-5-43 10"-CW1R-960076-CS1-CC	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
79	2	PIT-960077	COOLING WATER - COOLING TOWERS - CH-7A- 3	7A-M-0-5-43 10"-CW1R-960077-CS1-CC	6	PRD-AIC-DSH-054	<del>07-1-0-8-03</del>	7A-I-3-3-31	BU
80	2	PIT-960085	CHILLED WATER - RETURN BUILDING 7A	7A-M-0-5-43 8"-CW1R-960005-CS1-CC	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
81	2	PIT-960088	CHILLED WATER - RETURN BUILDING 7B	7A-M-0-5-43 10"-CW1R-960008-CS1-CC	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
82	2	PIT-9600120	CHILLED WATER - SUPPLY BUILDING 7A	7A-M-0-5-43 10"-CW1S-960001-CS1-CC	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
83	2	PIT-9600135	CHILLED WATER - SUPPLY BUILDING - CH-7A-2	7A-M-0-5-43 10"-CW1S-960002-CS1-CC	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
84	2	PIT-9600150	CHILLED WATER - SUPPLY BUILDING - CH-7A-3	7A-M-0-5-43 10"-CW1S-960003-CS1-CC	C	PRD-AIC-DSH-054	<del>07-1-0-8-03</del>	7A-i-3-3-31	BU
85	2	PIT-980052	COOLING WATER - COOLING TOWERS PCH-7A-1	7A-M-0-5-45 6"-TWS-980052-CS1-NI	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
86	2	IPIT-UXUU53	COOLING WATER - COOLING TOWERS PCH-7A-2	7A-M-0-5-45 6"-TWS-980053-CS1-NI	6	PRD-AIC-DSH-054	<del>07-1-0-8-03</del>	7A-I-3-3-31	BU
87	2	PIT-980056	COOLING WATER - COOLING TOWERS PCH-7A-1	7A-M-0-5-45 6"-TWR-980056-CS1-NI	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
88	2	IPI1-9X005/	COOLING WATER - COOLING TOWERS PCH-7A-2	7A-M-0-5-45 6"-TWR-980057-CS1-NI	0	PRD-AIC-DSH-054	<del>07-1-0-8-03</del>	7A-i-3-3-31	BU
89	2	1P11-980060	DISTRIBUTION SYSTEM - CHILLED GLYCOL FOR BT-7A-1	7A-M-0-5-45 6"-GW0R-980060-CS1-CC	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
90	2	PIT-980075	GLYCOL FOR PCH-7A-1	7A-M-0-5-45 6"-GW0R-980075-CS1-CC	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
91	2	PIT-980077	CLYCOL FOR PCH 7A 2	7A-M-0-5-45 6"-GW0R-980077-CS1-CC	0	PRD-AIC-DSH-054	<del>07-1-0-8-03</del>	7A-i-3-3-31	BU
92	2	PIT-980080	GLYCOL DO PCH-7A-1 FOR BT-7A-1	7A-M-0-5-45 6"-GW0S-980080-CS1-CC	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	BU
93	2	PIT-980083 ———	CLYCOL DO PCH 7A 2 FOR BT 7A 1	7A-M-0-5-45 6"-GW0S-980083-CS1-CC	6	PRD-AIC-DGH-054	<del>07-1-0-8-03</del>	7A-I-3-3-31	BU
94	2	PSV-610001	INDUSTRIAL WATER - DISTRIBUTION SYSTEM	7A-M-0-5-41 '4"-DW-610001-PP1-N	С	PRD-AIC-DSH-061	-	-	BU
95	2	PSV-790101	PLANT STEAM RE-HEATED WATER-HX-7A-1	7A-M-0-5-61 3"-IS1B-790101-CS1-HC	С	PRD-AIC-DSH-061		-	BU
96	2	PSV-790201	PLANT STEAM RE-HEATED WATER FOR SKID	7A-M-0-5-61 11/2"-IS4B-790201-CS1-HC	С	PRD-AIC-DSH-061	-	-	BU

				TITLE:			DOC NR.:		SHEET.: 8 / 20
T	ES	SLER ips	Takeda Hemobrás	DRUG	PRO	DUCT	569-DB7A-AIC-310-003 CLIENT NR.:		
- C	ii g e		Empresa brasile sa de homa denhados e fa otacondo da	BMS - INSTE	RUMI	ENT INDEX	PRD-AIC-LIS-014		REV.: <b>3</b>
ID	REV	TAG Nr.	SERVICE	P&ID LINE OR EQUIPMENT	LOC. (*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
97	2	TE-790314	PLANT STEAM PC-7A-1 / CSG-6501 / MÊS-6401	7A-M-0-5-61 21/2"-IS8B-790312-CS2-HC	С	-	07-1-0-8-03	7A-I-3-3-31	BU
98	2	TT-790314	PLANT STEAM PC-7A-1 / CSG-6501 / MÊS-6401	7A-M-0-5-61 TE-790314	С	-	07-1-0-8-03	7A-I-3-3-31	BU
99	2	TE-790315	PLANT STEAM RE-HEATED WATER FOR SKID	7A-M-0-5-61 11/2"-IS8B-790315-CS2-HC	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
100	2	TT-790315	PLANT STEAM RE-HEATED WATER FOR SKID	7A-M-0-5-61 TE-790315	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
101	2	TE-790317	PLANT STEAM RE-HEATED WATER-HX-7A-1	7A-M-0-5-61 2"-IS8B-790317-CS2-HC	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
102	2	TT-790317	PLANT STEAM RE-HEATED WATER-HX-7A-1	7A-M-0-5-61 TE-790317	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
103	2	TE-940020	COOLING WATER - PROC.WASTER / AIR GENERATION / CHILLER GENER. (PRC/HVAC)	7A-M-0-5-42 16"-TWR-940069-CS1-NI	С	-	07-1-0-8-03	7A-I-3-3-31	BU
104	2	TIT-940020	COOLING WATER - PROC.WASTER / AIR GENERATION / CHILLER GENER. (PRC/HVAC)	7A-M-0-5-42 16"-TWR-940069-CS1-NI	С	-	07-1-0-8-03	7A-I-3-3-31	BU
105	2	TE-940053	COOLING WATER - CHILLED WATER GEN. (PROC./ HVAC)	7A-M-0-5-42 16"-TWS-940053-CS1-NI	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
106	2	TIT-940053	COOLING WATER - CHILLED WATER GEN. (PROC./ HVAC)	7A-M-0-5-42 TE-940053	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
107	2	TE-960006	CHILLED WATER - SUPPLY BUILDING 7B	7A-M-0-5-43 10"-CW1R-960006-CS1-CC	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
108	2	TT-960006	CHILLED WATER - SUPPLY BUILDING 7B	7A-M-0-5-43 TE-960006	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
109	2	TE-960041	CHILLED WATER - SUPPLY BUILDING 7A	7A-M-0-5-43 10"-CW1R-960001-CS1-CC	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
110	2	TT-960041	CHILLED WATER - SUPPLY BUILDING 7A	7A-M-0-5-43 TE-960041	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
111	2	TE-960061	COOLING WATER - COOLING TOWERS - CH-7A- 1	7A-M-0-5-43 12"-TWS-960061-CS1-NI	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
112	2	111-960061	COOLING WATER - COOLING TOWERS - CH-7A- 1	7A-M-0-5-43 TE-960061	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
113	2	TE-960062	COOLING WATER - COOLING TOWERS - CH-7A- 1	12"-TWR-960062-CS1-NI	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-3-3-31	BU
114	2	TIT-960062	COOLING WATER - COOLING TOWERS - CH-7A- 1	7A-M-0-5-43 TE-960062	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-3-3-31	BU
115	2	TE-960063	COOLING WATER - COOLING TOWERS - CH-7A- 2	7A-M-0-5-43 12"-TWS-960063-CS1-NI	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-3-3-31	BU
116	2	TIT-960063	COOLING WATER - COOLING TOWERS - CH-7A- 2	7A-M-0-5-43 TE-960063	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-3-3-31	BU
117	2	TE-960064	COOLING WATER - COOLING TOWERS - CH-7A- 2	7A-M-0-5-43 12"-TWR-960064-CS1-NI	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-3-3-31	BU
118	2	TIT-960064	COOLING WATER - COOLING TOWERS - CH-7A- 2	7A-M-0-5-43 TE-960064	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-3-3-31	BU
119	2	1E-960065	COOLING WATER - COOLING TOWERS - CH-7A- 3	12"-TWS-960065-CS1-NI	C	PRD AIC DOI 1-055	<del>07-1-0-8-03</del>	7A-I-3-3-31	BU
120	2	TIT-960065	COOLING WATER - COOLING TOWERS - CH-7A-	7A-M-0-5-43 TE-960065	l c	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-3-3-31	BU

				TITLE:			DOC NR.:		SHEET.:
T	ES	SLER ips	Takeda   Hemobrás	DRUG	PRO	DUCT	569-DB7A-AIC-310-003		9 / 20
<b>□</b>	n g e	nnaria	Omprissa brasille as de hiema den hadios e brots crudio qua	BMS - INSTI	RUMI	ENT INDEX	CLIENT NR.: PRD-AIC-LIS-014		REV.: <b>3</b>
ID	REV	TAG Nr.	SERVICE	P&ID	LOC. (*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
			COOLING WATER COOLING TOWERS OF TA	LINE OR EQUIPMENT	( )				₩
121	2	TE-960066 ———	COOLING WATER - COOLING TOWERS - CH-7A- 3	7A-M-0-5-43 12"-TWR-960066-CS1-NI	- C	PRD AIC DOH 055	07-1-0-0-03	7A-1-3-3-31	BU
122	2	TIT-960066	COOLING WATER - COOLING TOWERS - CH-7A-	7A-M-0-5-43 TE-960066	0	PRD AIC DCH 055	<del>07-1-0-0-03</del>	7A-I-3-3-31	BU
123	2	TE-960075	COOLING WATER - COOLING TOWERS - CH-7A-		С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
124	2	TIT-960075	COOLING WATER - COOLING TOWERS - CH-7A- 1	7A-M-0-5-43 TE-960075	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
125	2	TE-960076	COOLING WATER - COOLING TOWERS - CH-7A- 2	7A-M-0-5-43 10"-CW1R-960076-CS1-CC	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
126	2	TIT-960076	COOLING WATER - COOLING TOWERS - CH-7A- 2	7A-M-0-5-43 TE-960076	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
127	2	TE-960077	COOLING WATER - COOLING TOWERS - CH-7A- 3	7A-M-0-5-43 10"-CW1R-960077-CS1-CC	6	PRD-AIC-DSH-055	<del>07-1-0-8-03</del>	7A-I-9-9-91	BU
128	2	TIT-960077	COOLING WATER - COOLING TOWERS - CH-7A- 3	7A-M-0-5-43 TE-960077	C	PRD AIG DGH 055	<del>07-1-0-0-03</del>	7A-I-9-9-91	BU
129	2	TE-960085	CHILLED WATER - RETURN BUILDING 7A	7A-M-0-5-43 8"-CW1R-960005-CS1-CC	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
130	2	TT-960085	CHILLED WATER - RETURN BUILDING 7A	7A-M-0-5-43 TE-960085	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
131	2	TE-960088	CHILLED WATER - RETURN BUILDING 7B	7A-M-0-5-43 10"-CW1R-960008-CS1-CC	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
132	2	TT-960088	CHILLED WATER - RETURN BUILDING 7B	7A-M-0-5-43 TE-960088	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
133	2	TE-9600120	CHILLED WATER - SUPPLY BUILDING - CH-7A-1	7A-M-0-5-43 10"-CW1S-960001-CS1-CC	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
134	2	TIT-9600120	CHILLED WATER - SUPPLY BUILDING - CH-7A-1	7A-M-0-5-43 TE-9600120	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
135	2	TE-9600135	CHILLED WATER - SUPPLY BUILDING - CH-7A-2	7A-M-0-5-43 10"-CW1S-960002-CS1-CC	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
136	2	TIT-9600135	CHILLED WATER - SUPPLY BUILDING - CH-7A-2	7A-M-0-5-43 TE-9600135	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
137	2	TE-9600150 ———	CHILLED WATER SUPPLY BUILDING CH 7A 3	7A-M-0-5-43 10"-CW1S-960003-CS1-CC	C	PRD AIC DCH 055	<del>07 1-0-0-03</del>	7A-I-3-3-31	BU
138	2	TIT-9600150	CHILLED WATER SUPPLY BUILDING CH 7A 3	7A-M-0-5-43 TE-9600150	0	PRD-AIC-DSH-055	<del>07-1-0-0-03</del>	7A-I-3-3-31	BU
139	2	111-980052	COOLING WATER - COOLING TOWERS PCH-7A-1	7A-M-0-5-45 6"-TWS-980052-CS1-NI	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
140	2	TIT_080052	COOLING WATER - COOLING TOWERS PCH-7A-1	7A-M-0-5-45 TE-980052	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
141	2		COOLING WATER - COOLING TOWERS PCH-7A-		C	PRD AIC-DCH-055	<del>07-1-0-0-03</del>	7A-I-3-3-31	BU
142	2	TIT-980053	COOLING WATER - COOLING TOWERS PCH-7A- 2		C	PRD AIC DCH 055	<del>07-1-0-03</del>	7A-I-3-3-31	BU
143	2	11 <b></b> 020056	COOLING WATER - COOLING TOWERS PCH-7A-1	7A-M-0-5-45 6"-TWR-980056-CS1-NI	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
144	2	TIT-980056	COOLING WATER - COOLING TOWERS PCH-7A-1	7A-M-0-5-45 6"-TWR-980056-CS1-NI	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU

				TITLE:			DOC NR.:		SHEET.:
T	ES	SLER ips	Takeda   Hemobrás	DRUG	PRO	DUCT	569-DB7A-AIC-310-003		10 / 20
<b>□</b>	ng∈	nharia	Erroprisa brasile sa de hama cientrados e brose civilegas	BMS - INSTE	RUMI	ENT INDEX	CLIENT NR.: PRD-AIC-LIS-014		REV.: <b>3</b>
ID	REV	TAG Nr.	SERVICE	P&ID	LOC.	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
				LINE OR EQUIPMENT	(*)	0. 200701.		200/11/0/11/2/11/	
145	2	11 F-4X005/	COOLING WATER - COOLING TOWERS PCH-7A-2	7A-M-0-5-45 6"-TWR-980057-CS1-NI	-	PRD-AIC-DSH-055	<del>07-l-0-8-03</del>	7A-I-3-3-31	ВU
			COOLING WATER - COOLING TOWERS	7A-M-0-5-45					
146	2	1111-920057	PCH-7A-2	TE-980057	0	PRD-AIC-DSH-055	<del>07-l-0-8-03</del>	7A-1-3-3-31	BU
147	2		DISTRIBUTION SYSTEM - CHILLED GLYCOL FOR BT-7A-1	7A-M-0-5-45 6"-GW0R-980060-CS1-CC	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
148	2	1111-980060	DISTRIBUTION SYSTEM - CHILLED GLYCOL FOR BT-7A-1	7A-M-0-5-45 TE-980060	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-3-3-31	BU
149	2	TE-980061	GLYCOL BT-7A-1 FOR CHILLED PCH-7A-1 / 2	7A-M-0-5-45 6"-GW0R-980061-CS1-CC	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-3-3-31	BU
150	2	TIT-980061	GLYCOL BT-7A-1 FOR CHILLED PCH-7A-1 / 2	7A-M-0-5-45 TE-980061	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-3-3-31	BU
151	2	TE-980075	GLYCOL FOR PCH-7A-1	7A-M-0-5-45 6"-GW0R-980075-CS1-CC	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-3-3-31	BU
152	2	TIT-980075	GLYCOL FOR PCH-7A-1	7A-M-0-5-45 TE-980075	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-3-3-31	BU
153	2	TE-980077 ———	CLYCOL FOR PCH 7A 2	7A-M-0-5-45 6"-GW0R-980077-CS1-CC	-0	PRD AIC-DGH-055	07-1-0-0-03	7A-I-3-3-31	ВU
				7A-M-0-5-45					
154	2	TIT-980077	CLYCOL FOR PCH 7A 2	TE-980077	<del>- C -</del>	PRD AIC DCH 055	<del>07-1-0-0-03</del>	7A-I-3-3-31	BU
155	2	TE-980080	GLYCOL DO PCH-7A-1 FOR BT-7A-1	7A-M-0-5-45 6"-GW0S-980080-CS1-CC	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
156	2	TIT-980080	GLYCOL DO PCH-7A-1 FOR BT-7A-1	7A-M-0-5-45 TE-980080	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
157	2	TE-980083	CLYCOL DO PCH 7A 2 FOR BT 7A 1	7A-M-0-5-45	- C	PRD AIC DCH 055	07-1-0-0-03	7A-I-3-3-31	BU
				6"-GW0S-980083-CS1-CC 7A-M-0-5-45					
158	2	TIT-980083	CLYCOL DO PCH 7A 2 FOR BT 7A 1	TE-980083	-	PRD-AIC-DSH-055	<del>07-1-0-0-03</del>	7A-I-3-3-31	BU
159	2	1E-980086	DISTRIBUTION SYSTEM - CHILLED GLYCOL DO BT-7A-1	7A-M-0-5-45 6"-GW0S-980086-CS1-CC	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
160	2	ITIT-920026	DISTRIBUTION SYSTEM - CHILLED GLYCOL 1°C DO BT-7A-1	7A-M-0-5-45 TE-980086	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	BU
161	2	XV-940081	CT-7A-1 WATER DRAIN	7A-M-0-5-42 2"-D-940081-CS1-NI	С	PRD-AIC-DSH-060	-	7A-I-3-3-31	BU
162	2	XV-940083	CT-7A-2 WATER DRAIN	7A-M-0-5-42 2"-D-940083-CS1-NI	С	PRD-AIC-DSH-060	-	7A-I-3-3-31	BU
163	2	XV-940085 ———	CT 7A 3 WATER DRAIN	7A-M-0-5-42 2"-D-940085-CS1-NI	0	PRD-AIC-DSH-000		7A-I-3-3-31	BU
164	2	XV-960004	COOLING WATER - COOLING TOWERS - CH-7A-	7A-M-0-5-43 12"-TWR-960062-CS1-NI	С	PRD-AIC-DSH-074	-	7A-I-3-3-31	BU
165	2	XV-960005	COOLING WATER - COOLING TOWERS - CH-7A- 2	7A-M-0-5-43 12"-TWR-960064-CS1-NI	С	PRD-AIC-DSH-074	-	7A-I-3-3-31	BU
166	2	XV-960006 ———	COOLING WATER - COOLING TOWERS - CH-7A-	7A-M-0-5-43 12"-TWR-960066-CS1-NI	6	PRD AIC DCH 074	_	7A-I-9-9-91	BU
167	2	XV-9600120	CHILLED WATER - SUPPLY BUILDING - CH-7A-1	7A-M-0-5-43 10"-CW1S-960001-CS1-CC	С	PRD-AIC-DSH-074	-	7A-I-3-3-31	BU
168	2	XV-9600135	CHILLED WATER - SUPPLY BUILDING - CH-7A-2	7A-M-0-5-43 10"-CW1S-960002-CS1-CC	С	PRD-AIC-DSH-074	-	7A-I-3-3-31	BU

				TITLE:			DOC NR.:		SHEET.:
T	ES	SLER ips	Takeda   Hemobrás	DRUG	PRO	DUCT	569-DB7A-AIC-310-003		11 / 20
<b>■</b> • •	nge	nnaria	Emphasi brasile as de homo denhados e broteonologás	BMS - INSTI	RUM	ENT INDEX	PRD-AIC-LIS-014		REV.: <b>3</b>
ID	REV	TAG Nr.	SERVICE	P&ID	LOC.	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
				LINE OR EQUIPMENT 7A-M-0-5-43	( )	DDD 440 DOU 074			
169	2	XV-9600150	OFFICEED WATER COLLET BOILDING OFFIA	10"-CW1S-960003-CS1-CC	C	PRD-AIC-DSH-074	_	7A-I-3-3-31	BU
170	2	XV-980056	COOLING WATER - COOLING TOWERS PCH-7A-1	7A-M-0-5-45 6"-TWR-980056-CS1-NI	С	PRD-AIC-DSH-074	-	7A-I-3-3-31	BU
171	2	XV-980057	COOLING WATER - COOLING TOWERS PCH-7A-2	7A-M-0-5-45 6"-TWR-980057-CS1-NI	C	PRD-AIC-DSH-074	_	/ A-I-3-3-31	BU
172	2	XV-980080	GLYCOL DO PCH-7A-1 FOR BT-7A-1	7A-M-0-5-45 6"-GW0S-980080-CS1-CC	С	PRD-AIC-DSH-074	-	7A-I-3-3-31	BU
173	2	XV-980083	CLYCOL DO PCH 7A 2 FOR BT 7A 1	7A-M-0-5-45 6"-GW0S-980083-CS1-CC	C	PRD-AIC-DSH-074		7A-I-3-3-31	BU
174	2	PDS-AHU-7A-1-001	DIFFERENTIAL PRESSURE IN FILTER F9	7A-M-4-5-21 AFD-AHU-7A-1	С	PRD-AIC-DSH-076	07-I-0-8-03	7A-I-3-3-31	HVAC
175	2	PDS-AHU-7A-2-001	DIFFERENTIAL PRESSURE IN FILTER F7	7A-M-4-5-22 AHU-7A-2-001	С	PRD-AIC-DSH-076	07-I-0-8-03	7A-I-3-3-31	HVAC
176	2	PDS-AHU-7A-3-001	DIFFERENTIAL PRESSURE IN FILTER F9	7A-M-4-5-23 AHU-7A-3-001	С	PRD-AIC-DSH-076	07-I-0-8-03	7A-I-3-3-31	HVAC
177	2	PDS-AHU-7A-4-001	DIFFERENTIAL PRESSURE IN FILTER F9	7A-M-4-5-24 AHU-7A-4-001	С	PRD-AIC-DSH-076	07-I-0-8-03	7A-I-3-3-31	HVAC
178	2	PDS-AHU-7A-6-001	DIFFERENTIAL PRESSURE IN FILTER F9	7A-M-4-5-26 AHU-7A-6-001	С	PRD-AIC-DSH-076	07-I-0-8-03	7A-I-3-3-31	HVAC
179	2	PDT-EAV-A-2004-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-21 RAV-A-2004-1	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-2-3-21	HVAC
180	2	PDT-EAV-A-2048-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-21 RAV-A-2048-1	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-2-3-21	HVAC
181	2	PDT-EAV-A-2053-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-21 RAV-A-2053-1	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-2-3-21	HVAC
182	2	PDT-RAV-A-2001-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-21 RAV-A-2001-1	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-2-3-21	HVAC
183	2	PDT-RAV-A-2002-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-24 RAV-A-2002-1	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-2-3-21	HVAC
184	2	PDT-RAV-A-2003-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-23 RAV-A-2003-1	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-2-3-21	HVAC
185	2	PDT-RAV-A-2005-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-21 RAV-A-2005-1	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-2-3-21	HVAC
186	2	PDT-RAV-A-2007-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-21 RAV-A-2007-1	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-2-3-21	HVAC
187	2	PDT-RAV-A-2009-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-23 RAV-A-2009-1	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-2-3-21	HVAC
188	2	PDT-RAV-A-2017-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-21 RAV-A-2017-1	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-2-3-21	HVAC
189	2	PDT-RAV-A-2023-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-21 RAV-A-2023-1	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-2-3-21	HVAC
190	2	PDT-RAV-A-2025-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-24 RAV-A-2025-1	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-2-3-21	HVAC
191	2	PDT-RAV-A-2026-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-24 RAV-A-2026-1	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-2-3-21	HVAC
192	2	PDT-RAV-A-2027-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-24 RAV-A-2027-1	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-2-3-21	HVAC

				TITLE:			DOC NR.:		SHEET.: 12 / 20
€	ng e	SLER ips	Takeda   Hemobrás	DRUG			<b>569-DB7A-AIC-310-003</b> CLIENT NR.:		REV.:
	ī	,		BMS - INST	RUIVII	ENT INDEX	PRD-AIC-LIS-014		3
ID	REV	TAG Nr.	SERVICE	P&ID LINE OR EQUIPMENT	LOC. (*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
193	2	PDT-RAV-A-2028-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-23 RAV-A-2028-1	С	-	07-1-0-8-03	7A-I-2-3-21	HVAC
194	2	PDT-RAV-A-2029-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-23 RAV-A-2029-1	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-2-3-21	HVAC
195	2	PDT-RAV-A-2030-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-21 RAV-A-2030-1	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-2-3-21	HVAC
196	2	PDT-RAV-A-2031-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-24 RAV-A-2031-1	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-2-3-21	HVAC
197	2	PDT-RAV-A-2032-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-24 RAV-A-2032-1	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-2-3-21	HVAC
198	2	PDT-RAV-A-2033-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-23 RAV-A-2033-1	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-2-3-21	HVAC
199	2	PDT-RAV-A-2034-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-23 RAV-A-2034-1	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-2-3-21	HVAC
200	2	PDT-RAV-A-2035-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-23 RAV-A-2035-1	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-2-3-21	HVAC
201	2	PDT-RAV-A-2036-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-23 RAV-A-2036-1	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-2-3-21	HVAC
202	2	PDT-RAV-A-2037-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-23 RAV-A-2037-1	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-2-3-21	HVAC
203	2	PDT-RAV-A-2038-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-23 RAV-A-2038-1	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-2-3-21	HVAC
204	2	PDT-RAV-A-2039-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-23 RAV-A-2039-1	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-2-3-21	HVAC
205	2	PDT-RAV-A-2040-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-21 RAV-A-2040-1	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-2-3-21	HVAC
206	2	PDT-RAV-A-2041-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-21 RAV-A-2041-1	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-2-3-21	HVAC
207	2	PDT-RAV-A-2044-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-21 RAV-A-2044-1	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-2-3-21	HVAC
208	2	PDT-RAV-A-2046-1	PRESSURE CONTROL IN ROOM	7A-M-4-5-21 RAV-A-2046-1	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-2-3-21	HVAC
209	2	PT-AHU-7A-1-001	RETURN TEMPERATURE AIR IN THE DUCT	7A-M-4-5-21 'RETURN DUCT	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-3-3-31	HVAC
210	2	PT-AHU-7A-1-002	SUPPLY TEMPERATURE AIR IN THE DUCT	7A-M-4-5-21 'RETURN DUCT	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-3-3-31	HVAC
211	2	PT-AHU-7A-2-001	RETURN TEMPERATURE AIR IN THE DUCT	7A-M-4-5-22 'RETURN DUCT	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	HVAC
212	2	PT-AHU-7A-2-002	SUPPLY TEMPERATURE AIR IN THE DUCT	7A-M-4-5-22 'RETURN DUCT	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-3-3-31	HVAC
213	2	PT-AHU-7A-3-001	RETURN TEMPERATURE AIR IN THE DUCT	7A-M-4-5-23 'RETURN DUCT	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	HVAC
214	2	PT-AHU-7A-3-002	SUPPLY TEMPERATURE AIR IN THE DUCT	7A-M-4-5-23 'RETURN DUCT	С	PRD-AIC-DSH-054	07-I-0-8-03	7A-I-3-3-31	HVAC
215	2	PT-AHU-7A-4-001	RETURN TEMPERATURE AIR IN THE DUCT	7A-M-4-5-24 'RETURN DUCT	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	HVAC
216	2	PT-AHU-7A-4-002	SUPPLY TEMPERATURE AIR IN THE DUCT	7A-M-4-5-24 'RETURN DUCT	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	HVAC

				TITLE:			DOC NR.:		SHEET.:
	ES	SLER ips	Takeda   Hemobrás	DRUG	PRO	DUCT	569-DB7A-AIC-310-003		13 / 20
<b>■</b>	n g e	nnaria	Empress brasile as de hum adenivados e brote crusingas	BMS - INST	RUMI	ENT INDEX	CLIENT NR.: PRD-AIC-LIS-014		REV.: <b>3</b>
ID	REV	TAG Nr.	SERVICE	P&ID LINE OR EQUIPMENT	LOC.	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
217	2	PT-AHU-7A-6-001	RETURN TEMPERATURE AIR IN THE DUCT	7A-M-4-5-26 'RETURN DUCT	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	HVAC
218	2	PT-AHU-7A-6-002	SUPPLY TEMPERATURE AIR IN THE DUCT	7A-M-4-5-26 'RETURN DUCT	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	HVAC
219	2	PT-DOAS-7A-1-001	RETURN TEMPERATURE AIR IN THE DUCT	7A-M-4-5-28 'RETURN DUCT	С	PRD-AIC-DSH-054	07-1-0-8-03	7A-I-3-3-31	HVAC
220	2	TT/MT-AHU-7A-1-001	RETURN HUMIDITY AND TEMPERATURE AIR IN THE DUCT	7A-M-4-5-21 AFD-AHU-7A-1	С	PRD-AIC-DSH-077	07-1-0-8-03	7A-I-3-3-31	HVAC
221	2	TT/MT-AHU-7A-1-002	SUPPLY HUMIDITY AND TEMPERATURE AIR IN THE DUCT	7A-M-4-5-21 AFD-AHU-7A-1	С	PRD-AIC-DSH-077	07-1-0-8-03	7A-I-3-3-31	HVAC
222	2	TT/MT-AHU-7A-2-001	RETURN HUMIDITY AIR IN THE DUCT	7A-M-4-5-22 AHU-7A-2-001	С	PRD-AIC-DSH-077	07-1-0-8-03	7A-I-3-3-31	HVAC
223	2	TT/MT-AHU-7A-2-002	RETURN HUMIDITY AIR IN THE DUCT	7A-M-4-5-22 AHU-7A-2-001	С	PRD-AIC-DSH-077	07-1-0-8-03	7A-I-3-3-31	HVAC
224	2	TT/MT-AHU-7A-3-001	RETURN HUMIDITY AIR IN THE DUCT	7A-M-4-5-23 AHU-7A-3-001	С	PRD-AIC-DSH-077	07-1-0-8-03	7A-I-3-3-31	HVAC
225	2	TT/MT-AHU-7A-3-002	RETURN HUMIDITY AIR IN THE DUCT	7A-M-4-5-23 AHU-7A-3-001	С	PRD-AIC-DSH-077	07-1-0-8-03	7A-I-3-3-31	HVAC
226	2	TT/MT-AHU-7A-4-001	RETURN HUMIDITY AIR IN THE DUCT	7A-M-4-5-24 AHU-7A-4-001	С	PRD-AIC-DSH-077	07-1-0-8-03	7A-I-3-3-31	HVAC
227	2	TT/MT-AHU-7A-4-002	RETURN HUMIDITY AIR IN THE DUCT	7A-M-4-5-24 AHU-7A-4-001	С	PRD-AIC-DSH-077	07-1-0-8-03	7A-I-3-3-31	HVAC
228	2	TT/MT-AHU-7A-6-001	RETURN HUMIDITY AIR IN THE DUCT	7A-M-4-5-26 AHU-7A-6-001	С	PRD-AIC-DSH-077	07-1-0-8-03	7A-I-3-3-31	HVAC
229	2	TT/MT-AHU-7A-6-002	RETURN HUMIDITY AIR IN THE DUCT	7A-M-4-5-26 AHU-7A-6-001	С	PRD-AIC-DSH-077	07-1-0-8-03	7A-I-3-3-31	HVAC
230	2	TT/MT-EF-7A-6A-001	RETURN HUMIDITY AIR IN THE DUCT	7A-M-4-5-26 EF-7A-6-001	С	PRD-AIC-DSH-077	07-1-0-8-03	7A-I-3-3-31	HVAC
231	2	TT/MT-DOAS-7A-001	RETURN HUMIDITY AIR IN THE DUCT	7A-M-4-5-28 DOAS-7A-001	С	PRD-AIC-DSH-077	07-1-0-8-03	7A-I-3-3-31	HVAC
232	2	TE-960001	TEMPERATURE AIR SUPPLY	7A-M-4-5-21 AFD-AHU-7A-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	HVAC
233	2	TT-960001	TEMPERATURE AIR SUPPLY	7A-M-4-5-21 TE-960001	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-3-3-31	HVAC
234	2	TE-RH-A-2001-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 RH-A-2001-1	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-2-3-21	HVAC
235	2	TT-RH-A-2001-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 TE-RH-A-2001-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
236	2	TE-RH-A-2004-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 RH-A-2004-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
237	2	TT-RH-A-2004-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 TE-RH-A-2004-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
238	2	TE-RH-A-2005-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 RH-A-2004-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
239	2	TT-RH-A-2005-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 TE-RH-A-2005-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
240	2	TE-RH-A-2006-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2006-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC

		SI SP		TITLE: DRUG	DDO	DUCT	DOC NR.: 569-DB7A-AIC-310-003		SHEET.: 14 / 20
€	n g e	sler ips	Takeda Hemobrás	BMS - INST			CLIENT NR: PRD-AIC-LIS-014		REV.:
ID	REV	TAG Nr.	SERVICE	P&ID	LOC.	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
241	2	TT-RH-A-2006-1	CONTROL VALVE HEATING COIL	TA-M-4-5-22 TE-RH-A-2006-1	C	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
242	2	TE-RH-A-2007-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 RH-A-2007-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
243	2	TT-RH-A-2007-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 TE-RH-A-2007-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
244	2	TE-RH-A-2008-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2008-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
245	2	TT-RH-A-2008-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 TE-RH-A-2008-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
246	2	TE-RH-A-2010-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2010-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
247	2	TT-RH-A-2010-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 TE-RH-A-2010-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
248	2	TE-RH-A-2011-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2011-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
249	2	TT-RH-A-2011-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 TE-RH-A-2011-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
250	2	TE-RH-A-2012-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2012-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
251	2	TT-RH-A-2012-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 TE-RH-A-2012-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
252	2	TE-RH-A-2013-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2013-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
253	2	TT-RH-A-2013-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 TE-RH-A-2013-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
254	2	TE-RH-A-2014-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2014-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
255	2	TT-RH-A-2014-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 TE-RH-A-2014-1	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-2-3-21	HVAC
256	2	TE-RH-A-2015-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2015-1	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-2-3-21	HVAC
257	2	TT-RH-A-2015-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 TE-RH-A-2015-1	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-2-3-21	HVAC
258	2	TE-RH-A-2016-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2016-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
259	2	TT-RH-A-2016-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 TE-RH-A-2016-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
260	2	TE-RH-A-2017-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 RH-A-2017-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
261	2	TT-RH-A-2017-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 TE-RH-A-2017-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
262	2	TE-RH-A-2018-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2018-1	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-2-3-21	HVAC
263	2	TT-RH-A-2018-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 TE-RH-A-2018-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
264	2	TE-RH-A-2019-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2019-1	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-2-3-21	HVAC

				TITLE:			DOC NR.:		SHEET.:
	ES	SLER ips	Takeda   Hemobrás	DRUG	PRO	DUCT	569-DB7A-AIC-310-003		15 / 20
υ H	ng€	nnaria	Emphasa brasile as de homo denhados e broteorologás	BMS - INST	RUMI	ENT INDEX	CLIENT NR.: PRD-AIC-LIS-014		REV.: <b>3</b>
ID	REV	TAG Nr.	SERVICE	P&ID	LOC. (*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
265	2	TT-RH-A-2019-1	CONTROL VALVE HEATING COIL	TA-M-4-5-22 TE-RH-A-2019-1	C	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
266	2	TE-RH-A-2020-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2020-1	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-2-3-21	HVAC
267	2	TT-RH-A-2020-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 TE-RH-A-2020-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
268	2	TE-RH-A-2021-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2021-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
269	2	TT-RH-A-2021-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 TE-RH-A-2021-1	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-2-3-21	HVAC
270	2	TE-RH-A-2022-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2022-1	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-2-3-21	HVAC
271	2	TT-RH-A-2022-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 TE-RH-A-2022-1	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-2-3-21	HVAC
272	2	TE-RH-A-2024-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2024-1	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-2-3-21	HVAC
273	2	TT-RH-A-2024-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 TE-RH-A-2024-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
274	2	TE-RH-A-2030-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 RH-A-2030-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
275	2	TT-RH-A-2030-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 TE-RH-A-2030-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
276	2	TE-RH-A-2040-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 RH-A-2040-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
277	2	TT-RH-A-2040-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 TE-RH-A-2040-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
278	2	TE-RH-A-2041-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 RH-A-2041-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
279	2	TT-RH-A-2041-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 TE-RH-A-2041-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
280	2	TE-RH-A-2042-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2042-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
281	2	TT-RH-A-2042-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 TE-RH-A-2042-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
282	2	TE-RH-A-2044-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 RH-A-2044-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
283	2	TT-RH-A-2044-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 TE-RH-A-2044-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
284	2	TE-RH-A-2046-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 RH-A-2046-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
285	2	TT-RH-A-2046-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 TE-RH-A-2046-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
286	2	TE-RH-A-2049-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2049-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
287	2	TT-RH-A-2049-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 TE-RH-A-2049-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
288	2	TE-RH-A-2050-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2050-1	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-2-3-21	HVAC

<b>□</b> ∈	ng e	SLER ips	Takeda Hemobrás Empresa brasile to de hamodrinados e britanciados	DRUG BMS - INST			DOC NR.: 569-DB7A-AIC-310-003 CLIENT NR.: PRD-AIC-LIS-014		SHEET.: 16 / 20 REV.: 3
ID	REV	TAG Nr.	SERVICE	P&ID LINE OR EQUIPMENT	LOC.	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
289	2	TT-RH-A-2050-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 TE-RH-A-2050-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
290	2	TE-RH-A-2051-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2051-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
291	2	TT-RH-A-2051-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 TE-RH-A-2051-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
292	2	TE-RH-A-2052-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 RH-A-2052-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
293	2	TT-RH-A-2052-1	CONTROL VALVE HEATING COIL	7A-M-4-5-22 TE-RH-A-2052-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
294	2	TE-960002	TEMPERATURE AIR SUPPLY	7A-M-4-5-22 AHU-7A-2-002	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	HVAC
295	2	TT-960002	TEMPERATURE AIR SUPPLY	7A-M-4-5-22 TE-960002	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	HVAC
296	2	TE-960003	CONTROL VALVE HEATING COIL	7A-M-4-5-23 AHU-7A-3	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	HVAC
297	2	TT-960003	CONTROL VALVE HEATING COIL	7A-M-4-5-23 TE-960003	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	HVAC
298	2	TE-RH-A-2034-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 RH-A-2034-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
299	2	TT-RH-A-2034-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 TE-RH-A-2034-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
300	2	TE-RH-A-2033-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 RH-A-2033-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
301	2	TT-RH-A-2033-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 TE-RH-A-2033-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
302	2	TE-RH-A-2035-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 RH-A-2035-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
303	2	TT-RH-A-2035-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 TE-RH-A-2035-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
304	2	TE-RH-A-2038-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 RH-A-2038-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
305	2	TT-RH-A-2038-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 TE-RH-A-2038-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
306	2	TE-RH-A-2039-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 RH-A-2039-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
307	2	TT-RH-A-2039-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 TE-RH-A-2039-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
308	2	TE-RH-A-2029-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 RH-A-2029-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
309	2	TT-RH-A-2029-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 TE-RH-A-2029-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
310	2	TE-RH-A-2028-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 RH-A-2028-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
311	2	TT-RH-A-2028-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 TE-RH-A-2028-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
312	2	TE-RH-A-2009-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 RH-A-2009-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC

T e	<b>€S</b> n g ∈	SLER ips	Takeda Hemobrás  Orposa Iraski ni de Nanzári na electronista	DRUG BMS - INST			DOC NR.:  569-DB7A-AIC-310-003  CLIENT NR.:  PRD-AIC-LIS-014		SHEET.: 17 / 20 REV.: 3
ID	REV	TAG Nr.	SERVICE	P&ID LINE OR EQUIPMENT	LOC. (*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
313	2	TT-RH-A-2009-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 TE-RH-A-2009-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
314	2	TE-RH-A-2003-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 RH-A-2003-1	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-2-3-21	HVAC
315	2	TT-RH-A-2003-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 TE-RH-A-2003-1	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-2-3-21	HVAC
316	2	TE-RH-A-2036-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 RH-A-2036-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
317	2	TT-RH-A-2036-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 TE-RH-A-2036-1	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-2-3-21	HVAC
318	2	TE-RH-A-2037-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 RH-A-2037-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
319	2	TT-RH-A-2037-1	CONTROL VALVE HEATING COIL	7A-M-4-5-23 TE-RH-A-2037-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
320	2	TE-960004	TEMPERATURE AIR SUPPLY	7A-M-4-5-24 AHU-7A-4-002	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	HVAC
321	2	TT-960004	TEMPERATURE AIR SUPPLY	7A-M-4-5-24 TE-960004	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	HVAC
322	2	TE-RH-A-2026-1	CONTROL VALVE HEATING COIL	7A-M-4-5-24 RH-A-2026-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
323	2	TT-RH-A-2026-1	CONTROL VALVE HEATING COIL	7A-M-4-5-24 TE-RH-A-2026-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
324	2	TE-RH-A-2027-1	CONTROL VALVE HEATING COIL	7A-M-4-5-24 RH-A-2027-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
325	2	TT-RH-A-2027-1	CONTROL VALVE HEATING COIL	7A-M-4-5-24 TE-RH-A-2027-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
326	2	TE-RH-A-2031-1	CONTROL VALVE HEATING COIL	7A-M-4-5-24 RH-A-2031-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
327	2	TT-RH-A-2031-1	CONTROL VALVE HEATING COIL	7A-M-4-5-24 TE-RH-A-2031-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
328	2	TE-RH-A-2032-1	CONTROL VALVE HEATING COIL	7A-M-4-5-24 RH-A-2032-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
329	2	TT-RH-A-2032-1	CONTROL VALVE HEATING COIL	7A-M-4-5-24 TE-RH-A-2032-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
330	2	TE-RH-A-2002-1	CONTROL VALVE HEATING COIL	7A-M-4-5-24 RH-A-2002-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
331	2	TT-RH-A-2002-1	CONTROL VALVE HEATING COIL	7A-M-4-5-24 TE-RH-A-2002-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
332	2	TE-RH-A-2023-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 RH-A-2023-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
333	2	TT-RH-A-2023-1	CONTROL VALVE HEATING COIL	7A-M-4-5-21 RH-A-2023-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
334	2	TE-RH-A-2025-1	CONTROL VALVE HEATING COIL	7A-M-4-5-24 RH-A-2025-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
335	2	TT-RH-A-2025-1	CONTROL VALVE HEATING COIL	7A-M-4-5-24 RH-A-2025-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
336	2	TE-960006	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 AHU-7A-6-002	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	HVAC

1 E	r <b>es</b> nge	SLER ips	Takeda   Hemobrás	DRUG			DOC NR.: <b>569-DB7A-AIC-310-003</b> CLIENT NR.:		SHEET.: 18 / 20 REV.:
				BMS - INST	RUMI	ENTINDEX	PRD-AIC-LIS-014	1	3
ID	REV	TAG Nr.	SERVICE	P&ID LINE OR EQUIPMENT	LOC. (*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
337	2	TT-960006	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 TE-960006	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-3-3-31	HVAC
338	2	TE-RH-A-1014-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 A-1014-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
339	2	TT-RH-A-1014-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 TE-A-1014-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
340	2	TE-RH-A-1017-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 A-1017-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
341	2	TT-RH-A-1017-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 TE-A-1014-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
342	2	TE-RH-A-1018-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 RH-A-1014-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
343	2	TT-RH-A-1018-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 TE-RH-A-1014-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
344	2	TE-RH-A-1023-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 RH-A-1023-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
345	2	TT-RH-A-1023-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 TE-RH-A-1023-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
346	2	TE-RH-A-1025-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 RH-A-1025-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
347	2	TT-RH-A-1025-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 TE-RH-A-1025-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
348	2	TE-RH-A-1032-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 RH-A-1032-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
349	2	TT-RH-A-1032-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 TE-RH-A-1032-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
350	2	TE-RH-A-1034-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 RH-A-1034-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
351	2	TT-RH-A-1034-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 TE-RH-A-1034-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
352	2	TE-RH-A-1037-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 RH-A-1037-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
353	2	TT-RH-A-1037-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 TE-RH-A-1037-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
354	2	TE-RH-A-1038-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 RH-A-1038-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
355	2	TT-RH-A-1038-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 TE-RH-A-1038-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
356	2	TE-RH-A-1039-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 RH-A-1039-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
357	2	TT-RH-A-1039-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 TE-RH-A-1039-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
358	2	TE-RH-A-1040-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 RH-A-1040-1	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-1-3-11	HVAC
359	2	TT-RH-A-1040-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 TE-RH-A-1040-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
360	2	TE-RH-A-1062-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 RH-A-1062-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC

7	res nge	SLER ips	Takeda   Hemobrás	DRUG			DOC NR.: <b>569-DB7A-AIC-310-003</b> CLIENT NR.:		SHEET.: 19 / 20 REV.:
				BMS - INST	RUMI	ENT INDEX	PRD-AIC-LIS-014		3
ID	REV	TAG Nr.	SERVICE	P&ID LINE OR EQUIPMENT	LOC. (*)	SPECIFICATION SHEETS	INSTALLATION DETAIL	LOCATION PLAN	NOTES
361	2	TT-RH-A-1062-1	TEMPERATURE AIR SUPPLY	7A-M-4-5-26 TE-RH-A-1062-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-1-3-11	HVAC
362	2	TE-DOAS-7A-002	TEMPERATURE AIR SUPPLY	7A-M-4-5-28 DOAS-7A-002	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	HVAC
363	2	TT-DOAS-7A-002	TEMPERATURE AIR SUPPLY	7A-M-4-5-28 TE-DOAS-7A-002	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-3-3-31	HVAC
364	2	TE-9600221	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 FCU-A1041-001	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
365	2	TT-9600221	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 TE-9600221	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
366	2	TE-9600223	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 FCU-A1041-002	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
367	2	TT-9600223	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 TE-9600223	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
368	2	TE-9600225	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 FCU-A1030-001	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
369	2	TT-9600225	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 TE-9600225	С	PRD-AIC-DSH-055	07-1-0-8-03	-	HVAC
370	2	TE-9600231	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 FCU-A2024-001	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
371	2	TT-9600231	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 TE-9600231	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
372	2	TE-960020	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 FCU-A1043-001	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
373	2	TT-960020	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 TE-960020	С	PRD-AIC-DSH-055	07-1-0-8-03	-	HVAC
374	2	TE-9600187	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 FCU-A1043-002	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
375	2	TT-9600187	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 TE-9600187	С	PRD-AIC-DSH-055	07-1-0-8-03	-	HVAC
376	2	TE-9600191	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 FCU-A1043-003	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
377	2	TT-9600191	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 TE-9600191	С	PRD-AIC-DSH-055	07-1-0-8-03	-	HVAC
378	2	TE-9600193	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 FCU-A1043-004	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
379	2	TT-9600193	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 TE-9600193	С	PRD-AIC-DSH-055	07-1-0-8-03	-	HVAC
380	2	TE-9600227	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 FCU-A3003-001	С	PRD-AIC-DSH-055	07-1-0-8-03	-	HVAC
381	2	TT-9600227	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 TE-9600227	С	PRD-AIC-DSH-055	07-1-0-8-03	-	HVAC
382	2	TE-9600229	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 FCU-A3003-002	С	PRD-AIC-DSH-055	07-1-0-8-03	-	HVAC
383	2	TT-9600229	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 TE-9600229	С	PRD-AIC-DSH-055	07-1-0-8-03	-	HVAC
384	2	TE-FCU-A3002-001	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 FCU-A3002-001	С	PRD-AIC-DSH-055	07-1-0-8-03	-	HVAC

T E	<b>ES</b> n g e	SLER ips	Takeda   Hemobrás	DRUG BMS - INSTI			DOC NR.:  569-DB7A-AIC-310-003  CLIENT NR.:  PRD-AIC-LIS-014		SHEET.: 20 / 20 REV.: 3
ID	REV	TAG Nr.	SERVICE	P&ID LINE OR EQUIPMENT	LOC. (*)	SPECIFICATION SHEETS		LOCATION PLAN	NOTES
385	2	TT-FCU-A3002-001	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 TE-FCU-A3002-001	С	PRD-AIC-DSH-055	07-I-0-8-03	-	HVAC
386	2	TE-9600237	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 FCU-A1026-001	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
387	2	TT-9600237	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 TE-9600237	С	PRD-AIC-DSH-055	07-1-0-8-03	-	HVAC
388	2	TE-9600239	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 FCU-A1026-002	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
389	2	TT-9600239	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 TE-9600239	С	PRD-AIC-DSH-055	07-1-0-8-03	-	HVAC
390	2	TE-9600241	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 FCU-A1026-003	С	PRD-AIC-DSH-055	07-I-0-8-03	7A-I-2-3-21	HVAC
391	2	TT-9600241	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 TE-9600241	С	PRD-AIC-DSH-055	07-1-0-8-03	-	HVAC
392	2	TE-9600213	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 FCU-A1027-001	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
393	2	TT-9600213	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 TE-9600213	С	PRD-AIC-DSH-055	07-1-0-8-03	-	HVAC
394	2	TE-9600215	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 FCU-A1027-002	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
395	2	TT-9600215	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 TE-9600215	С	PRD-AIC-DSH-055	07-1-0-8-03	-	HVAC
396	2	TE-9600217	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 FCU-A1027-003	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
397	2	TT-9600217	TEMPERATURE AIR SUPPLY	7A-M-0-5-29 TE-9600217	С	PRD-AIC-DSH-055	07-1-0-8-03	-	HVAC
398	3	TE-AHU-7A-6-001	RETURN HUMIDITY AIR IN THE DUCT	7A-M-4-5-26 RH-A1002-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
399	3	TT-AHU-7A-6-001	RETURN HUMIDITY AIR IN THE DUCT	7A-M-4-5-26 RH-A1002-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
400	3	FE-AHU-7A-6-012	AIR SUPPLY IN THE DUCT	7A-M-4-5-26 RH-A1002-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
401	3	FT-AHU-7A-6-012	AIR SUPPLY IN THE DUCT	7A-M-4-5-26 RH-A1002-1	С	PRD-AIC-DSH-055	07-1-0-8-03	7A-I-2-3-21	HVAC
			(*) LOCATION C=FII	ELD F=IN FRONT OF PAIN	EL P=	OPERATOR CONSOLE	I=PLC		