

DOC NR:

CLIENT:

TAKEDA PROJECT:

BURITI EPCMV PROJECT

REV. 8

569-DB7A-AIC-320-007

CLIENT NR:

PRD-AIC-LIS-037

REV.:

3

90% DD ISSUE

28JUN2021

MAB

MAF

RSP

REV. 0

08NOV2021

MAB

MAF

RSP

REV. 1

22FEB2022

MAB

MAF

RSP

REV. 2

26APR2022

MAB

MAF

RSP

REV

DATE

XEC

CHECK

APPROV

DESCRIPTION

REV. 4

REV. 5

REV. 6

REV. 7

REV. 3

18MAI2022

MAB

MAF

RSP









DOC NR: SHEET: 2 de 7 569-DB7A-AIC-320-007 CLIENT NR: REV.:

	_			PRD-AIC-LIS-037	3
1- THE IDENTIFICATION OF (COUPLE IN MULT	ICABLES MUST BE AS INDICATED BELOW AND	ITS MEANING:		
TAG OF MULTICABLE = AI-P	PDT/TT/MT-A10	02-01			
AI = PROCESS VARIABLE (AI	NALAGIC INPUT)				
PDT = DIFFERENTIAL PRESS	SURE TRANSMIT	ΓER			
TT = TEMPERATURE TRANS					
MT = HUMIDITY TRANSMITT	ER				
A1002 = PROCESS ROOM					
01 = SEQUENTIAL NUMBER (OF INSTRUMENT	S			
2. AUXILIARY POWER VOLTA	AGE IN 24 VDC FO	OR THE VARIABLE FREQUENCY DRIVE			
4. REFERENCE DRAWING:					
PRD-AIC-LIS-009 - PCS-INST	RUMENT INDEX -	7A			
7A-I-0-30-27 - PCS PANEL SC	DLENOIDE - SVP-	7A			
PRD-AIC-LIS-001 - INPUT AN	D OUTPUT LIST F	PCS - 7A			
07-I-0-8-01 - PCS - INSTRUM	MENT TYPICAL IN	STALLATION			
PRD-AIC-LIS-037 - CONDUIT	T AND CABLE SCI	HEDULE - PCS 7A			
7A-I-0-1-01_PCS_NETWORK_	_ARCHITECTURE				
5-PROFINET CABLE					
6- CONNECTION BY TUBING	ON THE VALVE A	AND ON THE SVP PANEL, SEE CORRESPONDIN	IG TYPICAL DETAIL		
OBS : IN THE "NO OF COLOR	RS" COLUMN THE	= "+Sh" MEANS IT IS SHIELDED CABLE			
050 114 1112 110. 01 00201	TO GOLOWIN THE	TON MEANOTH IS STREETED GABLE			
		Revision 0 - Notes			
	1. Review of the qu	uantities IT and fiber optic cables			
	2. Review of gener	ral notes			
		Revision 1 - Notes			
	1. Review of cable	quantities			
	2. Review of gener	ral notes			
		Revision 2 - Notes			
	1. Review of cable	quantities			
		Revision 3 - Notes		<u> </u>	
	1. Review of gener	al notesAdded stainless steel tubing worksheet			









DOC NR: SHEET: 3 de 7

CLIENT NR: REV.:

PRD-AIC-LIS-037 3

D CABLETAG	REV. 1 1 1 1 1 1
2	1 1 1
3 Al-TT-470107 1Pt1,0mm2-Sh. 2LVdc TT-470107 CP-A1043 60 7A-11-4-10/7A-12-4-20/7A-12-4-25 4 Al-TT-470108 1Pt1,0mm2-Sh. 2LVdc TT-470108 CP-A1043 55 7A-11-4-10/7A-12-4-20/7A-12-4-25 5 5 Al-TT-390124 1Pt1,0mm2-Sh. 2LVdc TT-390124 CP-A2600 75 7A-11-4-10/7A-12-4-20/7A-12-4-25 6 6 6 7 7A-11-4-10/7A-12-4-20/7A-12-4-25 7A-12-4-20/7A-12-4-25 7A-11-4-10/7A-12-4-20/7A-12-4-25 7A-11-4-10/7A-12-4-20/7A-12-	1
4 Al-TI-470108 1P#1,0mm2+Sh. 24Vdc TT-470108 CP-A1043 55 7A-1-4-10/7A+2-4-20/7A+2-4-25 5 Al-TT-390124 1P#1,0mm2+Sh. 24Vdc TT-390124 CP-A2600 75 7A-1-4-10/7A+2-4-20/7A+2-4-25 6	1
Transpara	·
6	1
7 8 9 9 10 9 11 9 12 9 13 9 14 10 15 10 16 10 17 10 18 10 19 10 20 10 21 10 22 10 23 10 24 10 25 10	
8	
9	
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	
11 12 13 14 15 16 17 17 18 19 10 <td< td=""><td></td></td<>	
12 13 14 15 16 17 18 18 19 <td< td=""><td></td></td<>	
13	
14 15 16 17 17 18 19 <td< td=""><td></td></td<>	
15	
16	
17 18 19 <td< td=""><td></td></td<>	
18	
19	
20 21 22 23 24 25	
21 22 23 24 25	
22	
23	
24 25	
25	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	









DOC NR: SHEET: 4 de 7

CLIENT NR: REV.:

PRD-AIC-LIS-037 3

								PRD-AIC-LIS	5-037	3
ID	CABLE TAG	NO. OF CORES	VOLTAGE	FROM	то	LENGTH (m)	RC	DUTE	NOTE	REV.
1	DI-HS-640102	1P#1,0mm2+Sh.	24Vdc	HS-640102	CP-A1043	65	7A-I-1-4-10 / 7A-I	-2-4-20 / 7A-I-2-4-25	1	1
2	DI-PSL-430001	1P#1,0mm2+Sh.	24Vdc	PSL-430001	CP-A1043	75	7A-I-1-4-10 / 7A-I	-2-4-20 / 7A-I-2-4-25	1	1
3	DI-XA-460101	1P#1,0mm2+Sh.	24Vdc	XA-460101	CP-A1043	75	7A-I-1-4-10 / 7A-I	-2-4-20 / 7A-I-2-4-25	1	1
4	DI-XA-460102	1P#1,0mm2+Sh.	24Vdc	XA-460102	CP-A1043	50	7A-I-1-4-10 / 7A-I	-2-4-20 / 7A-I-2-4-25	1	1
5	DI-XA-640101	1P#1,0mm2+Sh.	24Vdc	XA-640101	CP-A1043	60	7A-I-1-4-10 / 7A-I	-2-4-20 / 7A-I-2-4-25	1	1
7	DI-XA-640108	1P#1,0mm2+Sh.	24Vdc	XA-640108	CP-A1043	70	7A-I-1-4-10 / 7A-I	-2-4-20 / 7A-I-2-4-25	1	1
8	DI-XA-640109	1P#1,0mm2+Sh.	24Vdc	XA-640109	CP-A1043	75	7A-I-1-4-10 / 7A-I	-2-4-20 / 7A-I-2-4-25	1	1
9	DI-YI-800001	1P#1,0mm2+Sh.	24Vdc	YI-800001	CP-A1043	65	7A-I-1-4-10 / 7A-I	-2-4-20 / 7A-I-2-4-25	1	1
10	DO-HS-640101	1P#1,0mm2+Sh.	24Vdc	HS-640101	CP-A1043	65	7A-I-1-4-10 / 7A-I	-2-4-20 / 7A-I-2-4-25	1	1
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										+
		<u> </u>			1					









DOC NR: SHEET: 5 de 7

CLIENT NR: REV.: 7

							PRD-AIC-LIS-03	7	3
ID	CABLE TAG	NO. OF CORES	VOLTAGE	FROM	то	LENGTH (m)	ROUTE	NOTE	REV.
23	NT-SW01-B3010-B-01	F/UTP CAT6+Sh - Ethernet for OEM	-	BDS SERVER ROOM B-3010 / RU-B3010-B	FORMULATION CP-A2600	55	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
24	NT-CP-A2600-SW01-01	F/UTP CAT6+Sh - Ethernet for OEM	-	CPU-MODULE S7-1517C	PROCESS CONTROL UNIT CP-A2600	40	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
25	NT-CP-A2600-SW01-02	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A2600 - SW01-02	DEPYROGENERATION TUNNEL	45	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
26	NT-CP-A2600-SW01-03	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A2600 - SW01-03	FLILLING MACHINE	40	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
27	NT-CP-A2600-SW01-04	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A2600 - SW01-04	CAPPING MACHINE	40	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
28	NT-CP-A2600-SW01-05	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A2600 - SW01-05	LYOPHILIZER-1	42	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
29	NT-CP-A2600-SW01-06	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A2600 - SW01-06	LYOPHILIZER-2	10	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
30	NT-CP-A2600-SW01-07	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A2600 - SW01-07	SECONDARY PACKAGING PRODUCT VIAL VERIF MACHINE	55	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
31	NT-CP-A2600-SW01-08	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A2600 - SW01-08	PRODUCT VIAL LABELER	55	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
32	NT-CP-A2600-SW01-09	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A2600 - SW01-09	LEAFLET VERIFIER	55	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
33	NT-CP-A2600-SW01-10	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A2600 - SW01-10	TAMPER EVIDENT LABELER	10	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
34	NT-CP-A2600-SW01-11	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A2600 - SW01-11	CARTON STRETCH BANDER	45	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
35	NT-CP-A2600-SW01-12	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A2600 - SW01-12	INSPECTION SEMI AUT VIAL MACHINE 1	40	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
36	NT-CP-A2600-SW01-13	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A2600 - SW01-13	INSPECTION SEMI AUT VIAL MACHINE 2	45	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
37	NT-CP-A2600-SW01-14	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A2600 - SW01-14	INSPECTION LEAK DETECTION MACHINE	40	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
38	NT-CP-A2600-SW01-15	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A2600 - SW01-15	FILLING-VIAL WASHER	30	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
39	NT-CP-A2600-SW01-16	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A2600 - SW01-16	7A-HMI-2(RM-A2036)	10	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
40	NT-CP-A2600-SW01-17	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A2600 - SW01-17	7A-HMI-3(RM-A2037)	10	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
41	NT-SW01-B3010-B-02	F/UTP CAT6+Sh - Ethernet for OEM	-	BDS SERVER ROOM B-3010 / RU-B3010-B	UTILITIES CP-A1043	40	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
42	NT-CP-A1043-SW01-06	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A1043	7A-HMI-4 (RM-A2003)	40	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
43	NT-CP-A1043-SW01-02	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A1043 - SW01-01	AT-9001	30	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
44	NT-CP-A1043-SW01-03	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A1043 - SW01-02	CIP-7701	30	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
45	NT-CP-A1043-SW01-04	F/UTP CAT6+Sh - Ethernet for OEM	-	CP-A1043 - SW01-03	LV-4601	30	7A-I-1-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1









 DOC NR:
 SHEET:

 569-DB7A-AIC-320-007
 6 de 7

 CLIENT NR:
 REV.:

 PRD-AIC-LIS-037
 3

					PRD-AIC-LIS	-037	3		
ID	CABLE TAG	NO. OF CORES	VOLTAGE	FROM	то	LENGTH (m)	ROUTE	NOTE	REV.
1	P-CP-A2600	1 x 3 / c # 4.00	220 VAC	PDP-A2600-1	CP-A2600	35	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
2	P-SVP-A2600-01	1 x 3 / c # 2.50	220 VAC	PDP-A2600-1	SVP-A2600-01	10	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
3	P-IP-FIL-3901	1 x 3 / c # 4.00	220 VAC	PDP-A2600-1	IP-FIL-3901	2	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
4	P-CP-A1043	1 x 3 / c # 4.00	220 VAC	PDP-A1043-1	CP-A1043	33	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
5	P-SVP-A1043-01	1 x 3 / c # 2.50	220 VAC	PDP-A1043-1	SVP-A1043-01	25	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
6	P-7A-HMI-2	1 x 3 / c # 2.50	220 VAC	PDP-A2600-1	7A-HMI-2	5	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
7	P-7A-HMI-3	1 x 3 / c # 2.50	220 VAC	PDP-A2600-1	7A-HMI-3	5	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
8	P-7A-HMI-1	1 x 3 / c # 2.50	220 VAC	PDP-A1043-1	7A-HMI-1	5	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
9	P-7A-HMI-4	1 x 3 / c # 2.50	220 VAC	PDP-A1043-1	7A-HMI-4	5	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
10	P-SK-3903-TCU	1 x 3 / c # 2.50	220 VAC	PDP-A2600-1	SK-3903-TCU	2	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
11	P-PNEUMATIC PANEL	1 x 3 / c # 2.50	220 VAC	PDP-A2600-1	PNEUMATIC PANEL	10	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	1	1
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									









DOC NR: SHEET: 7 de 7

CLIENT NR: REV.:

PRD-AIC-LIS-037 3

								PRD-AIC-LIS-037		3
2 17 K M Semm - SVP-A00401 NY-30912 40 77-42-41077A12-42077A12-4257 6 1 4 1 T X O Semm - SVP-A014-91 XY-4701008 35 7A1-24-1077A12-42077A12-425 6 1 5 7A7-569-40000 1 T X O Semm - SVP-A014-91 XY-4701008 35 7A1-24-1077A12-42077A12-425 6 1 5 7A7-569-40000 1 T X O Semm - SVP-A0140-91 XY-40001 40 7A2-24-1077A12-42077A12-425 6 1 6 7A7-569-40000 1 T X O Semm - SVP-A000-91 XY-40000 40 7A2-24-1077A12-42077A12-425 6 1 7 7A7-569-40000 1 T X O Semm - SVP-A0000-91 XY-40000 36 7A2-24-1077A12-426 6 1 8 A7-769-40000 1 T X O Semm - SVP-A00409 30 7A2-24-1077A12-426 6 1 1 1 T X O Semm - SVP-A00409 30 7A2-24-1077A12-426 6 1 <t< th=""><th>ID</th><th>TUBING TAG</th><th>DIM</th><th>-</th><th>FROM</th><th>то</th><th></th><th>ROUTE</th><th>NOTE</th><th>REV.</th></t<>	ID	TUBING TAG	DIM	-	FROM	то		ROUTE	NOTE	REV.
3 TATA-SECTION TEXT Section - SECTION SECTION TATA-SECTION TATA	1	TA-7A-SV-390102	1T X Ø 6mm	-	IP-FIL-3901	XV-390102	30	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	6	1
1	2	TA-7A-SV-390123	1T X Ø 6mm	-	SVP-A2600-01	XV-390123	40	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	6	1
5 A.7A.SV-430001 1T X 9 6mm - SVP-A1043-01 XV-430001 40 7A-62-4-10/TA+2-4-20/TA+2-4-25 6 1 6 TA-7A-SV-430002 1T X 9 6mm - SVP-A1043-01 XV-430002 35 7A-62-4-10/TA+2-4-20/TA+2-4-25 6 1 7 TA-7A-SV-430002 1T X 9 6mm - SVP-A1043-01 XV-430003 50 7A-62-4-10/TA+2-4-20/TA+2-4-25 6 1 10 LA-7A-SV-430003 1T X 9 6mm - SVP-A1043-01 XV-430003 50 7A-62-4-10/TA+2-4-20/TA+2-4-25 6 1 10 LA-7A-SV-430003 1T X 9 6mm - SVP-A1043-01 XV-430003 50 7A-62-4-10/TA+2-4-20/TA+2-4-25 6 1 10 LA-7A-SV-430003 1T X 9 6mm - SVP-A1043-01 XV-430003 50 7A-62-4-10/TA+2-4-20/TA+2-4-25 6 1 11 LA-7A-SV-430003 LA-7A-SV-430003 LA-7A-SV-430003 50 7A-62-4-10/TA+2-4-20/TA+2-4-25 6 1 12 LA-7A-SV-430003 LA-7A-SV-430003 LA-7A	3	TA-7A-SV-470108A	1T X Ø 6mm	-	SVP-A1043-01	XV-470108A	35	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	6	1
6 N-A-SV-380120 1T X D Bem - SVP-A4680-01 XV-380120 45 7A-A-24-10/7A+2-427-7A+2-425 6 1 7 TA-XS-V-45007 1T X D Bem - SVP-A1043-01 XV-45000 35 7A-24-10/7A+2-427-7A+2-425 6 1 8 TA-7S X-45003 1T X D Bem - SVP-A1043-01 XV-45003 50 7A-12-410/7A+2-420/7A+2-425 6 1 9 TA-12-410/7A-12-420/7A+2-425 - SVP-A1043-01 XV-450003 50 7A-12-410/7A+12-420/7A+2-425 6 1 10 TA-12-410/7A-12-426 - - SVP-A1043-01 XV-450003 50 7A-12-410/7A+12-420/7A+2-425 6 1 10 TA-12-410/7A-12-426 -	4	TA-7A-SV-470108B	1T X Ø 6mm	-	SVP-A1043-01	XV-470108B	35	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	6	1
7 K-7A-SV-430002 1T X 8 6 mm	5	TA-7A-SV-430001	1T X Ø 6mm	-	SVP-A1043-01	XV-430001	40	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	6	1
8 TATASWASSOOG 1T X D SWM - SVP-A1043-01 XV-430003 50 TAH-24-10/TAH-24-20/TAH-24-25 6 1 9 CATASWASSOOG	6	TA-7A-SV-390120	1T X Ø 6mm	-	SVP-A2600-01	XV-390120	45	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	6	1
9	7	TA-7A-SV-430002	1T X Ø 6mm	-	SVP-A1043-01	XV-430002	35	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	6	1
10	8	TA-7A-SV-430003	1T X Ø 6mm	-	SVP-A1043-01	XV-430003	50	7A-I-2-4-10 / 7A-I-2-4-20 / 7A-I-2-4-25	6	1
11 1	9									
12	10									
13	11									
14	12									
15	13									
16	14									
1	15									
18	16									
19	17									
20 1	18									
21 1	19									
22	20									
23	21									
24 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 7 </td <td>22</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	22									
25 26 27 28 29 30 31 32 33	23									
26 <	24									
27 28 29 30 31 32 33	25									
28 29 30 31 32 33 34 35 36 37 38 39	26									
29	27									
30 31 32 33	28									
31 32 33	29									
32 33	30									
33	31									
33	32									
34	33									
	34									