





DRUG PRODUCT  
AUTOMATION ELECTRICAL LOAD LIST

3	ISSUED FOR CONSTRUCTION CONSIDERING COMMENTS										<div><div></div><div></div></div>	<div><div></div><div></div></div>	
2	ISSUED FOR CONSTRUCTION CONSIDERING COMMENTS												
1	ISSUED FOR CONSTRUCTION CONSIDERING COMMENTS												
0	ISSUED FOR CONSTRUCTION												
B	90% DD ISSUE												
A	30% DD ISSUE										DOC NR:		CLIENT NR:
REV	DESCRIPTION										569-DB7A-AIC-300-001		PRD-AIC-LIS-017
REVIEW	REV. A	REV. B	REV. 0	REV. 1	REV. 2	REV. 3	REV. 4	REV. 5	REV. 6	REV. 7	CLIENT:		
DATE	18FEB2021	15OCT2021	09NOV2021	03DEC2021	14DEC2021	17DEC2021					TAKEDA / BAXALTA		
EXEC	AAS	AAS	AAS	AAS	MAV	MAV					PROJECT:		REV.:
CHECK	MAF	MAF	MAF	MAF	MAF	MAF					BURITI EPCVM PROJECT		3
APPROV	MAJ	RSP	RSP	RSP	RSP	RSP							

REVISION 0 NOTES:
1- ADDED A-3002 PANEL
REVISION 1 NOTES:
1- REVIEW ON POWER VALUES SVP PANELS ADDED 2- SVP PANELS ADDED
REVISION 2 NOTES:
1- CLEARED ELECTRICAL LOADS REGARDING THE REMOVED RACKS (PCS RACK AND BMS RACK) 2- ADDED ELECTRICAL LOADS REGARDING THE PCS-CIP IHM (7A-IHM-4) AND EMS IHM (7A-IHM-5)
REVISION 3 NOTES:
1- ADDED NOTES 4 AND 5 2- ADDED TAG NUMBER FOR THE RU-A1031-A AND RU-A3002-A SWITCHES.

NOTES;

### 1) POWER SUPPLY FROM UNINTERRUPTER POWER SYSTEM (UPS)

## 2) POWER SUPPLY FROM GENERATORS SYSTEM

### 3) REFERENCE DRAWING:

7A-I-0-7-01 VOIP&DATA RAISER DIAGRAM

7A-I-0-7-02 FIRE ALARM RAISER DIAGRAM

7A-I-0-7-05 CCTV RAISER DIAGRAM

7A-I-0-7-06 ACS RAISER DIAGRAM





7A-I-0-7-04 BMS NETWORK ARCHITECTURE





7A-I-0-1-01 PCS NETWORK ARCHITECTURE





7A-I-0-7-03 EMS NETWORK ARCHITECTURE





4) WHERE IT SYSTEM IS INDICATED IT MEANS DATA&VOICE SYSTEM.





5) THE ELECTRICAL LOADS REPORTED ARE FROM THE MAIN EQUIPMENT IN EACH PANEL.

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			CLIENT NR.: PRD-AIC-LIS-017			REV.: 3	
BUILDING	TAG OF THE PANEL	SERVICE	CHARGE (VA)	SYSTEM	DRAWING N°	LOCALIZATION	NOTES
					OR EQUIPMENT		
7A	CP-A3001	MAIN PLC BMS SYSTEM	1000	BMS	-	TECHINICAL FLOOR	1
7A	IHM-BMS-7A-1	IHM HVAC	600	BMS	-	2° FLOOR ROOM 3001	1
7A	-	POWER SUPPLY MAIN PLC BMS SYSTEM	800	BMS	-	-	1
7A	-	SWITCH MAIN PLC BMS SYSTEM	200	BMS	-	-	1
7A		TOTAL MAIN CLP BMS SYSTEM	2600				
7A	RM-AHU-7A-1	POWER SUPPLY REMOTE I/O HVAC	500	BMS	-	TECHINICAL FLOOR	1
7A	-	SWITCH REMOTE I/O HVAC	200	BMS	-	-	1
7A		TOTAL REMOTE I/O HVAC	700				
7A	RM-AHU-7A-2	POWER SUPPLY REMOTE I/O HVAC	500	BMS	-	TECHINICAL FLOOR	1
7A	-	SWITCH REMOTE I/O HVAC	200	BMS	-	-	1
7A		TOTAL REMOTE I/O HVAC	700				
7A	RM-AHU-7A-3	POWER SUPPLY REMOTE I/O HVAC	500	BMS	-	TECHINICAL FLOOR	1
7A	-	SWITCH REMOTE I/O HVAC	200	BMS	-	-	1
7A		TOTAL REMOTE I/O HVAC	700				
7A	RM-AHU-7A-4	POWER SUPPLY REMOTE I/O HVAC	500	BMS	-	TECHINICAL FLOOR	1
7A	-	SWITCH REMOTE I/O HVAC	200	BMS	-	-	1
7A		TOTAL REMOTE I/O HVAC	700				

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					CLIENT NR.: PRD-AIC-LIS-017		REV.: 3
BUILDING	TAG OF THE PANEL	SERVICE	CHARGE (VA)	SYSTEM	DRAWING N°	LOCALIZATION	NOTES
					OR EQUIPMENT		
7A	RM-AHU-7A-5	POWER SUPPLY REMOTE I/O HVAC	500	BMS	-	TECHINICAL FLOOR	1
7A	-	SWITCH REMOTE I/O HVAC	200	BMS	-	-	1
7A		TOTAL REMOTE I/O HVAC	700				
7A	RM-AHU-7A-6	POWER SUPPLY REMOTE I/O HVAC	500	BMS	-	TECHINICAL FLOOR	1
7A	-	SWITCH REMOTE I/O HVAC	200	BMS	-	-	1
7A		TOTAL REMOTE I/O HVAC	700				
7A	RM-DOAS-7A-1	POWER SUPPLY REMOTE I/O HVAC	500	BMS	-	TECHINICAL FLOOR	1
7A	-	SWITCH REMOTE I/O HVAC	200	BMS	-	-	1
7A		TOTAL REMOTE I/O HVAC	700				
7A	RM-FCU-7A	POWER SUPPLY REMOTE I/O HVAC	500	BMS	-	TECHINICAL FLOOR	1
7A	-	SWITCH REMOTE I/O HVAC	200	BMS	-	-	1
7A		TOTAL REMOTE I/O HVAC	700				
7A	RM-A3009-1	POWER SUPPLY REMOTE I/O BLACK UTILITIES	500	BMS	-	TECHINICAL FLOOR	1
7A	-	SWITCH REMOTE I/O BLACK UTILITIES	200	BMS	-	-	1
7A		TOTAL REMOTE I/O BLACK UTILITIES	700				
7A	RM-A1043-1	POWER SUPPLY REMOTE I/O BLACK UTILITIES	500	BMS	-	GROUND FLOOR ROOM A1043	1
7A	-	SWITCH REMOTE I/O BLACK UTILITIES	200	BMS	-	-	1

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					CLIENT NR.: PRD-AIC-LIS-017		REV.: 3
BUILDING	TAG OF THE PANEL	SERVICE	CHARGE (VA)	SYSTEM	DRAWING N°	LOCALIZATION	NOTES
					OR EQUIPMENT		
7A		TOTAL REMOTE I/O BLACK UTILITIES	700				
7A	RM-A3003-1	POWER SUPPLY REMOTE I/O ELECTRICAL SYSTEM	500	BMS	-	GROUND FLOOR ROOM A3003	1
7A	-	SWITCH REMOTE I/O ELECTRICAL SYSTEM	200	BMS	-	-	1
7A		TOTAL REMOTE I/O ELECTRICAL SYSTEM	700				
7A	FACP-7A-1	CENTRAL FIRE ALARM	500	FIRE ALARM	-	GROUND FLOOR MAIN ENTRANCE	2
7A	-	POWER SUPPLY FIRE ALARM SYSTEM	500	FIRE ALARM	-	GROUND FLOOR MAIN ENTRANCE	2
7A	-	POWER SUPPLY FIRE ALARM SYSTEM	500	FIRE ALARM	-	2° FLOOR	2
7A		TOTAL CENTRAL FIRE ALARM	1500				
7A	RU-A1031-A	RACK IT / CCTV / ACS SYSTEM	1000	IT / CCTV / ACS SYSTEM	-	GROUND FLOOR ROOM A1031	1
7A	SSD-A1031-A-01	SWITCH ACS/CCTV SYSTEM	600	ACS/CCTV SYSTEM	-	-	1
7A	SDW-A1031-A-01	SWITCH IT SYSTEM	600	IT SYSTEM	-	-	1
7A	SDW-A1031-A-02	SWITCH IT SYSTEM	600	IT SYSTEM	-	-	1
7A		TOTAL RACK IT / CCTV / ACS SYSTEM	2800				
7A	RU-A3002-A	RACK IT / CCTV / ACS SYSTEM	1000	IT / CCTV / ACS SYSTEM	-	2° FLOOR ROOM A3002	1
7A	SSD-A3002-A-01	SWITCH ACS/CCTV SYSTEM	600	ACS/CCTV SYSTEM	-	-	1
7A	SDW-A3002-A-01	SWITCH IT SYSTEM	600	IT SYSTEM	-	-	1
7A		TOTAL RACK IT / CCTV / ACS SYSTEM	2200				

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					CLIENT NR.: PRD-AIC-LIS-017		REV.: 3
BUILDING	TAG OF THE PANEL	SERVICE	CHARGE (VA)	SYSTEM	DRAWING N°	LOCALIZATION	NOTES
					OR EQUIPMENT		
7A	QF-A3002-1	LOW VOLTAGE SWITCH BOARD ACS SYSTEM	1500	ACS SYSTEM	-	TECHINICAL FLOOR	1
7A	QF-A1043-1	LOW VOLTAGE SWITCH BOARD ACS SYSTEM	1500	ACS SYSTEM	-	TECHINICAL FLOOR	1
7A		TOTAL LOW VOLTAGE SWITCH BOARD	3000				
7A	CP-A2600-2	PLC EMS SYSTEM	1000	EMS	-	WALKABLE CEILING	1
7A	-	POWER SUPPLY PLC EMS SYSTEM	500	EMS	-	-	1
7A	-	SWITCH PLC EMS SYSTEM	600	EMS	-	-	1
7A	-	TOWER LIGHTS	400	EMS	-	-	1
7A		TOTAL PLC EMS SYSTEM	2500				
7A	CP-A1043	PLC PCS SYSTEM	1000	PCS	-	GROUND FLOOR ROOM A1043	1
7A	7A-HMI-1	IHM PCS	600	PCS	-	GROUND FLOOR ROOM A1043	1
7A	-	POWER SUPPLY PLC PCS SYSTEM	500	PCS	-	-	1
7A	-	SWITCH PLC PCS SYSTEM	600	PCS	-	-	1
7A		TOTAL PLC PCS SYSTEM	2700				
7A	CP-A2600	PLC PCS SYSTEM	1000	PCS	-	1° FLOOR ROOM A2036	1
7A	7A-HMI-2	IHM PCS	600	PCS	-	1° FLOOR ROOM A2036	1
7A	7A-HMI-3	IHM PCS	600	PCS	-	1° FLOOR ROOM A2037	1
7A	-	POWER SUPPLY PLC PCS SYSTEM	500	PCS	-	1° FLOOR ROOM A2037	1
7A	-	SWITCH PLC PCS SYSTEM	600	PCS	-	1° FLOOR ROOM A2037	1
7A	SVP-A1043-01	SOLENOID VALVE PANEL	600	PCS	-	GROUND FLOOR ROOM A1043	1

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BUILDING	TAG OF THE PANEL	SERVICE	CHARGE (VA)	SYSTEM	DRAWING N° OR EQUIPMENT	LOCALIZATION	NOTES
7A	SVP-A2600-01	SOLENOID VALVE PANEL	600	PCS	-	1° FLOOR ROOM A2036	1
7A		TOTAL PLC PCS SYSTEM	4500				
7A	A-3002	WORKSTATION SUPERVISORY CONTROL - LEVEL 2	1000	PCS	-	-	1
7A	7A-HMI-4	IHM PCS - CIP	600	PCS	-	1° FLOOR ROOM A2003	1
7A	7A-HMI-5	IHM EMS	600	EMS	-	GROUND FLOOR ROOM A1029	1
7A		TOTAL LOAD BUILDING 7A	31700				
7A		LOAD BUILDING 7A - RESERVE	14500				