 YPFB Corporación <small>La fuerza que transforma Bolivia</small> PLANTAS DE AMONÍACO Y UREA, CARRASCO	LISTA DE TABLEROS ELÉCTRICOS DE ILUMINACIÓN		
	N° del DOC. PAU-EEL-C-DAL-11001		Rev. 3
			Página 1 de 77

DOCUMENTO REFERENCIAL:

El presente documento es de carácter referencial para fines exclusivos de preparación de la propuesta durante la etapa de licitación del Proyecto, por lo que la empresa Contratista es responsable de verificar dicha información durante el desarrollo y ejecución del proyecto, sin que esto implique derecho a modificaciones contractuales.

LISTA DE TABLEROS ELÉCTRICOS DE ILUMINACIÓN

3	25 Jan 2018	AS	COMO CONSTRUIDO				
2	21 May 2014	AS	COMO CONSTRUIDO				
Rev	Fecha	Estado	Descripción del Estado	Prepara do por	Verificad o por	Verificad o por	Aprobad o por
Revisión del Documento				Página: Total de 77 hojas (Incl. Carátula)			


	LISTA DE TABLEROS ELÉCTRICOS DE ILUMINACIÓN	
	N° del DOC. PAU-EEL-C-DAL-11001	Rev. 3
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TABLA DE CONTENIDOS

1. LISTA DE TABLEROS ELÉCTRICOS DE ILUMINACIÓN (INTERIOR) (34 hojas)
2. LISTA DE TABLEROS ELÉCTRICOS DE ILUMINACIÓN (EXTERIOR) (40 hojas)

LIST OF LIGHTING PANELBOARD (INDOOR)

No.	Location	Item No.	Description	No. of CKT	Load(KVA)	Total(KVA)	Ref. SLD	Remark
1	MAIN S/S & UT	F10-LD501	Utility & Main S/S - Day & Night Panel	7	8.12	11.12	PAU-EEL-F-DSL-10107	
2	MAIN S/S & UT	F10-LDE501	Utility & Main S/S - Emergency Day & Night Panel	6	7.69	10.69	PAU-EEL-F-DSL-10107	
3	MAIN S/S & UT	F10-RP501	Utility & Main S/S - Receptacle Panel	10	8.12	10.28	PAU-EEL-F-DSL-10107	
4	AMMONIA S/S	A20-LD501	Ammonia S/S - Day & Night Panel	6	5.22	9.72	PAU-EEL-A-DSL-10103	
5	AMMONIA S/S	A20-LDE501	Ammonia S/S - Emergency Day & Night Panel	6	5.46	9.96	PAU-EEL-A-DSL-10103	
6	AMMONIA S/S	A20-RP501	Ammonia S/S - Receptacle Panel	7	4.68	6.84	PAU-EEL-A-DSL-10103	
7	UREA S/S	U30-LD501	Urea S/S - Day & Night Panel	6	5.31	9.81	PAU-EEL-U-DSL-10104	
8	UREA S/S	U30-LDE501	Urea S/S - Emergency Day & Night Panel	6	6.14	10.64	PAU-EEL-U-DSL-10104	
9	UREA S/S	U30-RP501	Urea S/S - Receptacle Panel	8	4.86	7.02	PAU-EEL-U-DSL-10104	
10	ADMIN. S/S	F40-LDE501	Admin. S/S - Emergency Day & Night Panel	4	2.57	5.57	PAU-EEL-F-DSL-10110	
11	ADMIN. S/S	F40-RP501	Admin. S/S - Receptacle Panel	06 (R) 04 (U)	2.70 (R) 0.36 (U)	5.94 (R) 2.86 (U)	PAU-EEL-F-DSL-10110	
12	RIVER WATER INTAKE S/S	F50-LD501	River Water Intake S/S - Day & Night Panel	03 (D&N) 02 (Night)	1.64 (D&N) 3.38 (Night)	4.64 (D&N) 3.69 (Night)	PAU-EEL-F-DSL-10115	
13	RIVER WATER INTAKE S/S	F50-RP501	River Water Intake S/S - Receptacle Panel	4	1.62	3.78	PAU-EEL-F-DSL-10115	
14	CONTROL BUILDING	F60-LD501	Control Building - Day & Night Panel	8	10.25	13.25	PAU-EEL-F-DSL-10110	
15	CONTROL BUILDING	F60-LDE501	Control Building - Emergency Day & Night Panel	4	4.14	7.14	PAU-EEL-F-DSL-10110	
16	CONTROL BUILDING	F60-RP501	Control Building - Receptacle Panel	17	13.94	16.10	PAU-EEL-F-DSL-10110	
17	ADMIN. BUILDING	F61-LD501	Admin. Building - Day & Night Panel	7	9.35	12.35	PAU-EEL-F-DSL-10110	
18	ADMIN. BUILDING	F61-LDE501	Admin. Building - Emergency Day & Night Panel	6	2.23	6.73	PAU-EEL-F-DSL-10110	
19	ADMIN. BUILDING	F61-RP501	Admin. Building - Receptacle Panel	24 (R) 04 (U)	19.18 (R) 0.36 (U)	21.34 (R) 2.86 (U)	PAU-EEL-F-DSL-10110	
20	ADMIN. BUILDING	F61-PDB701	Admin. Building - HVAC PDB Panel	12	34.25	35.33	PAU-EEL-F-DSL-10110	
21	MAINTENANCE WORKSHOP	F63-LD501	Maintenance Workshop - Day & Night Panel	10	15.06	16.56	PAU-EEL-F-DSL-10110	
22	MAINTENANCE WORKSHOP	F63-LDE501	Maintenance Workshop - Emergency Day & Night Panel	6	2.24	6.74	PAU-EEL-F-DSL-10110	
23	MAINTENANCE WORKSHOP	F63-RP501	Maintenance Workshop - Receptacle Panel	13 (R) 04 (U)	9.57 (R) 0.36 (U)	10.65 (R) 2.86 (U)	PAU-EEL-F-DSL-10110	
24	FIRE STATION BUILDING	F64-LD501	Fire Station Building - Day & Night Panel	6	3.46	7.96	PAU-EEL-F-DSL-10110	
25	FIRE STATION BUILDING	F64-LDE501	Fire Station Building - Emergency Day & Night Panel	6	1.36	5.86	PAU-EEL-F-DSL-10110	
26	FIRE STATION BUILDING	F64-RP501	Fire Station Building - Receptacle Panel	14 (R) 04 (U)	12.94 (R) 0.36 (U)	16.18 (R) 2.86 (U)	PAU-EEL-F-DSL-10110	
27	GATE HOUSE	F90-LDE501	Gate House - Emergency Day & Night Panel	02 (E) 06 (R) 04 (U)	0.82 (E) 4.37 (R) 0.36 (U)	2.32 (E) 5.45 (R) 2.86 (U)	PAU-EEL-F-DSL-10110	
28	LABORATORY BUILDING	F62-LD501	Laboratory Building - Day & Night Panel	7	4.69	7.69	PAU-EEL-F-DSL-10110	
29	LABORATORY BUILDING	F62-LDE501	Laboratory Building - Emergency Day & Night Panel	6	2.07	6.57	PAU-EEL-F-DSL-10110	
30	LABORATORY BUILDING	F62-RP501	Laboratory Building - Receptacle Panel - 1	09 (R) 04 (U)	8.44 (R) 0.36 (U)	10.60 (R) 2.86 (U)	PAU-EEL-F-DSL-10110	
31	LABORATORY BUILDING	F62-RP502	Laboratory Building - Receptacle Panel - 2	12	23.00	26.24	PAU-EEL-F-DSL-10110	
32	LABORATORY BUILDING	F62-RP503	Laboratory Building - Receptacle Panel - 3	19	59.00	61.16	PAU-EEL-F-DSL-10110	
33	LABORATORY BUILDING	F62-RP504	Laboratory Building - Receptacle Panel - 4	22	58.63	60.79	PAU-EEL-F-DSL-10110	

LIGHTING PANELBOARD SCHEDULE															PANEL NO. : F10-LD501					LOCATION: MAIN S/S & UT		
															PROTECTION : GENERAL PURPOSE							
															MOUNTING TYPE : WALL MOUNTED TYPE							
															HAZARDOUS CLASSIFICATION : NON- HAZARDOUS AREA							
CKT. NO.	DESCRIPTION	KIND	OUTLETS		Q'TY	TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm²)	ENTRY SIZE	CIRCUIT BREAKER			REMARK							
			WATTS				L1	L2	L3			P	AF	AT								
D01	SWGR ROOM - 1	FL	4 / 18 , 2 / 36		4 , 15	1710	1710			2.5	1"	2	-	20	ELB							
D02	SWGR ROOM - 2	FL	2 / 36		14	1260	1260			2.5	1"	2	-	20	ELB							
D03	CABLE ROOM	FL	1 / 18 , 2 / 36		17 , 25	2641		2641		2.5	1"	2	-	20	ELB							
D04	RACK-FUEL TANK	FL	1 / 18 , 4 / 18 , 2 / 36		1 , 8 , 1	833		833		2.5	1"	2	-	20	ELB							
D05	BATT-EDG ROOM	FL	3 / 26 , 1 / 18 , 2 / 36		1 , 2 , 17	1674			1674	2.5	1"	2	-	20	ELB							
D06	SPARE	-			-	1500			1500	-	1"	2	-	20	ELB							
D07	SPARE	-			-	1500	1500			-	1"	2	-	20	ELB							
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LIGHTING PANELBOARD SCHEDULE													PANEL NO. : F10-LDE501						LOCATION: MAIN S/S & UT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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E01	SWGR ROOM -1	FL	1	/	18	, 3	/	26				, 1	/				10		, 2	/	36	1	,	1	,	4	,	16	1613	1613			2.5	1"	2	-	20	ELB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
E02	SWGR ROOM -2-PMS	FL	1	/	18	, 3	/	26	, 4	/	18	, 2	/	36	5	,	1	,	2	,	14	1653	1653			2.5	1"	2	-	20	ELB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
E03	RACK-BATT.ROOM	FL	1	/	10	, 3	/	26	, 4	/	18	, 2	/	36	1		3	,	8	,	8	1747			2.5	1"	2	-	20	ELB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
E04	CYLINDER-CABLE ROOM	FL	1 / 10 , 3 / 26 , 2 / 36					7	,	8	,	20	2675		2675			2.5	1"	2	-	20	ELB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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LIGHTING PANELBOARD SCHEDULE															PANEL NO. : A20-LD501										LOCATION: AMMONIA S/S
															PROTECTION : GENERAL PURPOSE										
															MOUNTING TYPE : WALL MOUNTED TYPE										
															HAZARDOUS CLASSIFICATION : NON- HAZARDOUS AREA										
CKT. NO.	DESCRIPTION	KIND	OUTLETS		TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm2)	ENTRY SIZE	CIRCUIT BREAKER			REMARK											
			WATTS	Q'TY		L1	L2	L3			P	AF	AT												
D01	SWGR ROOM	FL	2 / 36		23	2070	2070		2.5	1"	2	-	20	ELB											
D02	SPARE	-	-		-	1500	1500		-	1"	2	-	20	ELB											
D03	CABLE ROOM	FL	1 / 18 , 2 / 36		1 , 16	1463		1463	2.5	1"	2	-	20	ELB											
D04	SPARE	-	-		-	1500		1500	-	1"	2	-	20	ELB											
D05	RACK-BATT. ROOM	FL	1 / 18 , 4 / 18 , 2 / 36		3 , 12 , 6	1689			2.5	1"	2	-	20	ELB											
D06	SPARE	-	-		-	1500		1500	-	1"	2	-	20	ELB											

[illegible]

[illegible]

LIGHTING PANELBOARD SCHEDULE															PANEL NO. : U30-RP501										LOCATION: UREA S/S									
															PROTECTION : GENERAL PURPOSE																			
															MOUNTING TYPE : WALL MOUNTED TYPE																			
															HAZARDOUS CLASSIFICATION : NON- HAZARDOUS AREA																			
CKT. NO.	DESCRIPTION	KIND	OUTLETS		Q'TY	TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm2)	ENTRY SIZE	CIRCUIT BREAKER			REMARK																			
			VA				L1	L2	L3			P	AF	AT																				
R01	SWGR 1	RECEP.		180	5	900	900			4	1"	2	-	20	ELB																			
R02	SWGR 2	RECEP.		180	5	900	900			4	1"	2	-	20	ELB																			
R03	CABLE ROOM	RECEP.		180	4	720		720		4	1"	2	-	20	ELB																			
R04	T/R YARD	RECEP.		180	4	720		720		4	1"	2	-	20	ELB																			
R05	RACK ROOM	RECEP.		180	6	1080			1080	4	1"	2	-	20	ELB																			
R06	CYLINDER ROOM	RECEP.		180	3	540			540	4	1"	2	-	20	ELB																			
R07	SPARE	-		-	-	1080		1080		-	1"	2	-	20	ELB																			
R08	SPARE	-		-	-	1080			1080	-	1"	2	-	20	ELB																			
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LIGHTING PANELBOARD SCHEDULE															PANEL NO. : F60-LDE501										LOCATION: MAIN CONTROL BLDG.									
															PROTECTION : GENERAL PURPOSE										MOUNTING TYPE : WALL MOUNTED TYPE									
															HAZARDOUS CLASSIFICATION : NON- HAZARDOUS AREA																			
CKT. NO.	DESCRIPTION	KIND	OUTLETS			TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm2)	ENTRY SIZE	CIRCUIT BREAKER			REMARK																			
			WATTS	Q'TY			L1	L2	L3			P	AF	AT																				
E01	HVAC-SUPERVISER	FL	1 / 10 , 4 / 18 , 2 / 36			6 , 15 , 3	1698	1698		2.5	1"	2	-	20	ELB																			
E02	SPARE	-	-			-	1500	1500		-	1"	2	-	20	ELB																			
E03	ENG.-CONTROL ROOM	FL	1 / 10 , 4 / 18 , 2 / 36			8 , 24 , 2	2444		2444	2.5	1"	2	-	20	ELB																			
E04	SPARE	-	-			-	1500		1500	-	1"	2	-	20	ELB																			

LIGHTING PANELBOARD SCHEDULE															PANEL NO. : F61-LDE501										LOCATION: ADMIN. BLDG.										
															PROTECTION : GENERAL PURPOSE										MOUNTING TYPE : WALL MOUNTED TYPE										
															HAZARDOUS CLASSIFICATION : NON- HAZARDOUS AREA																				
CKT. NO.	DESCRIPTION	KIND	OUTLETS				TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm2)	ENTRY SIZE	CIRCUIT BREAKER			REMARK																			
			WATTS					Q'TY	L1	L2			L3	P	AF		AT																		
E01	TOILET 1 - MANAGER OFFICE 2	FL	1	/	10	,	4	/	18		5	,	9		875	875				2.5	1"	2	-	20	ELB										
E02	SPARE	-							-				-		1500	1500				-	1"	2	-	20	ELB										
E03	ELECTRICAL - LOBBY	FL	1	/	10	,	4	/	18		3	,	5		489				489	2.5	1"	2	-	20	ELB										
E04	SPARE	-							-				-		1500				1500	-	1"	2	-	20	ELB										
E05	TOILET 2 - MANAGER OFFICE 4	FL	1	/	10	,	4	/	18		4	,	9		862				862	2.5	1"	2	-	20	ELB										
E06	SPARE	-							-				-		1500				1500	-	1"	2	-	20	ELB										

LIGHTING PANELBOARD SCHEDULE										PANEL NO. : F63-LD501										LOCATION: MAINTENANCE WORKSHOP									
										PROTECTION : GENERAL PURPOSE																			
										MOUNTING TYPE : WALL MOUNTED TYPE																			
										HAZARDOUS CLASSIFICATION : NON- HAZARDOUS AREA																			
CKT. NO.	DESCRIPTION	KIND	OUTLETS		Q'TY	TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm2)	ENTRY SIZE	CIRCUIT BREAKER			REMARK														
			WATTS				L1	L2	L3			P	AF	AT															
D01	SPARE PART	HPS, FL	1 / 18	1 / 250	3 , 6	1728	1728			2.5	1"	2	-	20	ELB														
D02	SPARE PART	HPS, FL	1 / 18	1 / 250	1 , 6	1688	1688			2.5	1"	2	-	20	ELB														
D03	MECHANICAL	HPS, FL	1 / 18	1 / 250	3 , 9	2562		2562		2.5	1"	2	-	20	ELB														
D04	MECHANICAL	HPS, FL		1 / 250	9	2502		2502		2.5	1"	2	-	20	ELB														
D05	INST. & ELEC.	HPS, FL		1 / 250	6	1668			1668	2.5	1"	2	-	20	ELB														
D06	INST. & ELEC.	HPS, FL	1 / 18	1 / 250	1 , 7	1966			1966	2.5	1"	2	-	20	ELB														
D07	ELEC. STORE-ELEC. ROOM	FL	1 / 18	2 / 36	1 , 8	743	743			2.5	1"	2	-	20	ELB														
D08	OFFICE	FL		4 / 18	12	1080	1080			2.5	1"	2	-	20	ELB														
D09	AIR WORKSHOP-TOILET	FL	1 / 18	2 / 36	33 , 4	1119			1119	2.5	1"	2	-	20	ELB														
D10	SPARE	-		-	-	1500			1500	-	1"	2	-	20	ELB														

LIGHTING PANELBOARD SCHEDULE										PANEL NO. : F64-LD501										LOCATION: FIRE STATION									
										PROTECTION : GENERAL PURPOSE																			
										MOUNTING TYPE : WALL MOUNTED TYPE																			
										HAZARDOUS CLASSIFICATION : NON- HAZARDOUS AREA																			
CKT. NO.	DESCRIPTION	KIND	OUTLETS		Q'TY	TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm2)	ENTRY SIZE	CIRCUIT BREAKER			REMARK														
			WATTS				L1	L2	L3			P	AF	AT															
D01	GRAGE	FL	1 / 250		6	1878	1878			2.5	1"	2	-	20	ELB														
D02	SPARE	-	-		-	1500	1500			-	1"	2	-	20	ELB														
D03	CORRIDOR-CANTEEN	FL	1 / 18 , 2 / 36 , 4 / 18		13 , 2 , 4	839		839		2.5	1"	2	-	20	ELB														
D04	SPARE	-	-		-	1500		1500		-	1"	2	-	20	ELB														
D05	OFFICE-TRAINING	FL	1 / 18 , 4 / 18		1 , 8	743			743	2.5	1"	2	-	20	ELB														
D06	SPARE	-	-		-	1500			1500	-	1"	2	-	20	ELB														

LIGHTING PANELBOARD SCHEDULE														PANEL NO. : F62-LD501				LOCATION: LABORATORY	
														PROTECTION : GENERAL PURPOSE				MOUNTING TYPE : WALL MOUNTED TYPE	
														HAZARDOUS CLASSIFICATION : NON- HAZARDOUS AREA					
CKT. NO.	DESCRIPTION	KIND	OUTLETS		TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm2)	ENTRY SIZE	CIRCUIT BREAKER			REMARK					
			WATTS	Q'TY		L1	L2	L3			P	AF	AT						
D01	WATER ANAL. LAB.	FL	4 / 18	16	1440	1440			2.5	1"	2	-	20	ELB					
D02	GC. LAB & BIO. LAB	FL	4 / 18	15	1350	1350			2.5	1"	2	-	20	ELB					
D03	CORRIDOR-STORAGE	FL	1 / 18 , 2 / 36 , 4 / 18	3 , 3 , 3	609		609		2.5	1"	2	-	20	ELB					
D04	ELEC.-RECEP. OF SAMPLE	FL	1 / 18 , 2 / 36	13 , 3	569		569		2.5	1"	2	-	20	ELB					
D05	OFFICE-STORAGE ROOM	FL	4 / 18	8	720			720	2.5	1"	2	-	20	ELB					
D06	SPARE	-	-	-	1500			1500	-	1"	2	-	20	ELB					
D07	SPARE	-	-	-	1500			1500	-	1"	2	-	20	ELB					

LIGHTING PANELBOARD SCHEDULE															PANEL NO. : F62-LDE501										LOCATION: LABORATORY
															PROTECTION : GENERAL PURPOSE										
															MOUNTING TYPE : WALL MOUNTED TYPE										
															HAZARDOUS CLASSIFICATION : NON- HAZARDOUS AREA										
CKT. NO.	DESCRIPTION	KIND	OUTLETS				TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm2)	ENTRY SIZE	CIRCUIT BREAKER			REMARK									
			WATTS		Q'TY			L1	L2	L3			P	AF	AT										
E01	ELEC-BIO. LAB.	FL	1 / 10 , 2 / 36 , 4 / 18				2 , 3 , 6	836	836			2.5	1"	2	-	20	ELB								
E02	SPARE	-	-				-	1500	1500			-	1"	2	-	20	ELB								
E03	CORRIDOR-CHIMICAL	FL	1 / 10 , 2 / 36 , 4 / 18				4 , 3 , 2	502		502		2.5	1"	2	-	20	ELB								
E04	SPARE	-	-				-	1500		1500		-	1"	2	-	20	ELB								
E05	OFFICE-WATER. LAB	FL	1 / 10 , 4 / 18				1 , 8	733			733	2.5	1"	2	-	20	ELB								
E06	SPARE	-	-				-	1500			1500	-	1"	2	-	20	ELB								

LIGHTING PANELBOARD SCHEDULE														PANEL NO. : F62-RP501										LOCATION: LABORATORY	
														PROTECTION : GENERAL PURPOSE											
														MOUNTING TYPE : WALL MOUNTED TYPE											
														HAZARDOUS CLASSIFICATION : NON- HAZARDOUS AREA											
CKT. NO.	DESCRIPTION	KIND	OUTLETS		TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm2)	ENTRY SIZE	CIRCUIT BREAKER			REMARK											
			VA	Q'TY		L1	L2	L3			P	AF	AT												
R01	ELEC. ROOM-RECEP.	RECEP.	180	6	1080	1080			4	1"	2	-	20	ELB											
R02	RECEP.-CHEMICAL-1	RECEP.	180	6	1080	1080			4	1"	2	-	20	ELB											
R03	CORRIDOR	RECEP.	180	6	1080		1080		4	1"	2	-	20	ELB											
R04	OFFICE-CHIEF OFFICE	RECEP.	180	6	1080		1080		4	1"	2	-	20	ELB											
R05	STORAGE-WATER ANAL	RECEP.	180	4	720			720	4	1"	2	-	20	ELB											
R06	WATER ANAL -GAS CYL	RECEP.	180	5	900			900	4	1"	2	-	20	ELB											
R07	TOILET	RECEP.	1250	2	2500	2500			4	1"	2	-	20	ELB											
R08	SPARE	-	-	-	1080			1080	-	1"	2	-	20	ELB											
R09	SPARE	-	-	-	1080			1080	-	1"	2	-	20	ELB											
U01	TEL. & LAN	F62-LAN01	180	1	180	180			4	1"	2	-	20	ELB											
U02	SECURITY & ACCESS	F62-ACTB01	180	1	180	180			4	1"	2	-	20	ELB											
U03	SPARE	-	-	-	1250		1250		-	1"	2	-	20	ELB											
U04	SPARE	-	-	-	1250		1250		-	1"	2	-	20	ELB											
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LIGHTING PANELBOARD SCHEDULE										PANEL NO. : F62-RP504					LOCATION: LABORATORY (WATER LAB)					
										PROTECTION : GENERAL PURPOSE					MOUNTING TYPE : WALL MOUNTED TYPE					
CKT. NO.	DESCRIPTION	KIND	OUTLETS		Q'TY	TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm2)	ENTRY SIZE	CIRCUIT BREAKER			REMARK	HAZARDOUS CLASSIFICATION : NON- HAZARDOUS AREA				
			VA				L1	L2	L3			P	AF	AT						
R01	WATER LAB	RECEP.		6500	1	6500	2167	2167	2167	6	1-1/2"	3	-	20	ELB					
R02	WATER LAB	RECEP.		1250	1	1250	1250			4	1"	2	-	20	ELB					
R03	WATER LAB	RECEP.		2500	1	2500	2500			4	1"	2	-	20	ELB					
R04	WATER LAB	RECEP.		625	1	625		625		4	1"	2	-	20	ELB					
R05	WATER LAB	RECEP.		6750	1	6750		6750		4	1"	2	-	40	ELB					
R06	WATER LAB	RECEP.		6500	1	6500			6500	6	1"	2	-	40	ELB					
R07	WATER LAB	RECEP.		1250	1	1250			1250	6	1"	2	-	20	ELB					
R08	WATER LAB	RECEP.		1250	1	1250	1250			4	1"	2	-	20	ELB					
R09	WATER LAB	RECEP.		2250	1	2250	2250			4	1"	2	-	20	ELB					
R10	WATER LAB	RECEP.		2375	1	2375		2375		6	1"	2	-	20	ELB					
R11	WATER LAB	RECEP.		625	1	625		625		6	1"	2	-	20	ELB					
R12	WATER LAB	RECEP.		2500	1	2500			2500	4	1"	2	-	20	ELB					
R13	WATER LAB	RECEP.		1250	1	1250			1250	4	1"	2	-	20	ELB					
R14	WATER LAB	RECEP.		3125	1	3125	3125			4	1"	2	-	20	ELB					
R15	WATER LAB	RECEP.		2750	1	2750	2750			4	1"	2	-	20	ELB					
R16	WATER LAB	RECEP.		1250	1	1250		1250		4	1"	2	-	20	ELB					
R17	WATER LAB	RECEP.		250	1	250		250		4	1"	2	-	20	ELB					
R18	WATER LAB	RECEP.		8125	1	8125			8125	6	1"	2	-	50	ELB					
R19	WATER LAB	RECEP.		3750	1	3750			3750	4	1"	2	-	25	ELB					
R20	WATER LAB	RECEP.		3750	1	3750	3750			4	1"	2	-	25	ELB					
R21	SPARE	-		-	-	1080		1080		4	1"	2	-	20	ELB					
R22	SPARE	-		-	-	1080		1080		-	1"	2	-	20	ELB					
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LIST OF LIGHTING PANELBOARD (OUTDOOR)

No.	Location	Item No.	Description	No. of CKT	Load(KVA)	Total(KVA)	Ref. SLD	Remark
1	AMMONIA AREA	A-LN501	Ammonia area-Night Lighting Panel-1	15	25.44	28.44	PAU-EEL-A-DSL-10103	
2	AMMONIA AREA	A-LN502	Ammonia area-Night Lighting Panel-2	20	24.82	27.82	PAU-EEL-A-DSL-10103	
3	AMMONIA AREA	A-LN503	Ammonia area-Night Lighting Panel-3	18	23.85	26.85	PAU-EEL-A-DSL-10103	
4	AMMONIA AREA	A-LN504	Ammonia area-Night Lighting Panel-4	22	28.43	31.43	PAU-EEL-A-DSL-10103	
5	AMMONIA AREA	A-LN505	Ammonia area-Night Lighting Panel-5	11	17.41	20.41	PAU-EEL-A-DSL-10103	
6	AMMONIA AREA	A-LNE501	Ammonia area-Emergency Night Lighting Panel-1	9	5.10	8.10	PAU-EEL-A-DSL-10103	
7	AMMONIA AREA	A-LNE502	Ammonia area-Emergency Night Lighting Panel-2	9	3.61	8.11	PAU-EEL-A-DSL-10103	
8	AMMONIA AREA	A-LNE503	Ammonia area-Emergency Night Lighting Panel-3	9	3.92	8.42	PAU-EEL-A-DSL-10103	
9	AMMONIA AREA	A-RP501	Ammonia area-Receptacle Panel-1	13	7.38	9.54	PAU-EEL-A-DSL-10103	
10	AMMONIA AREA	A-RP502	Ammonia area-Receptacle Panel-2	11	9.72	10.80	PAU-EEL-A-DSL-10103	
11	UREA AREA	U-LN501	Urea area-Night Lighting Panel-1	19	34.86	37.86	PAU-EEL-U-DSL-10104	
12	UREA AREA	U-LN502	Urea area-Night Lighting Panel-2	15	24.44	27.44	PAU-EEL-U-DSL-10104	
13	CONVEYOR BELT	U-LD501	Urea area-Day & Night Lighting Panel-1 (Belt Conveyor)	5	4.41	7.41	PAU-EEL-U-DSL-10104	
14	UREA AREA	U-LD502	Urea area-Day & Night Lighting Panel-2	11 (N) 06 (E)	13.54 (N) 2.06 (E)	16.50 (N) 8.06 (E)	PAU-EEL-U-DSL-10104	
15	UREA AREA	U-LNE501	Urea area-Emergency Night Lighting Panel-1	9	12.15	15.15	PAU-EEL-U-DSL-10104	
16	CONVEYOR BELT	U-LDE501	Urea area-Emergency Day & Night Lighting Panel-1 (Belt Conveyor)	8	5.98	8.98	PAU-EEL-U-DSL-10104	
17	UREA AREA	U-RP501	Urea area-Receptacle Panel-1	10	7.20	9.36	PAU-EEL-U-DSL-10104	
18	CONVEYOR BELT	U-RP502	Urea area-Receptacle Panel-1 (Belt Conveyor)	6	2.52	5.76	PAU-EEL-U-DSL-10104	
19	UTILITY AREA	F-LN501	Utility & Offsites area-Night Lighting Panel-1	14	28.20	31.20	PAU-EEL-F-DSL-10107	
20	UTILITY AREA	F-LN502	Utility & Offsites area-Night Lighting Panel-2	11	18.90	21.90	PAU-EEL-F-DSL-10107	
21	UTILITY AREA	F-LN503	Utility & Offsites area-Night Lighting Panel-3	13	19.02	22.02	PAU-EEL-F-DSL-10107	
22	UTILITY AREA	F-LN504	Utility & Offsites area-Night Lighting Panel-4	14	33.00	36.00	PAU-EEL-F-DSL-10107	
23	UTILITY AREA	F-LNE501	Utility & Offsites area-Emergency Night Lighting Panel-1	7	7.25	10.25	PAU-EEL-F-DSL-10107	
24	UTILITY AREA	F-LNE502	Utility & Offsites area-Emergency Night Lighting Panel-2	8	7.64	10.64	PAU-EEL-F-DSL-10107	
25	UTILITY AREA	F-RP501	Utility & Offsites area-Receptacle Panel-1	7	3.78	5.94	PAU-EEL-F-DSL-10107	
26	UTILITY AREA	F-RP502	Utility & Offsites area-Receptacle Panel-2	11	6.84	9.00	PAU-EEL-F-DSL-10107	
27	WAREHOUSE & CHEMICAL STORE	F80-LD501	Warehouse & Chemical Store - Day & Night Panel	08 (N) 04 (U)	6.95 (N) 12.11 (U)	0.36 (N) 2.86 (U)	PAU-EEL-F-DSL-10107	
28	WAREHOUSE & CHEMICAL STORE	F80-LDE501	Warehouse & Chemical Store - Emergency Day & Night Panel	4	0.43	4.93	PAU-EEL-F-DSL-10107	
29	UREA BULK STORAGE HOUSE	M31-LD501	Urea Bulk Storage House-Day & Night Lighting Panel-1	13	21.85	24.85	PAU-EEL-U-DSL-10104	
30	UREA BULK STORAGE HOUSE	M31-LDE501	Urea Bulk Storage House-Emergency Day & Night Lighting Panel-1	6	1.76	6.26	PAU-EEL-U-DSL-10104	
31	UREA BULK STORAGE HOUSE	M31-RP501	Urea Bulk Storage House-Receptacle Panel-1	8	4.32	6.48	PAU-EEL-U-DSL-10104	
32	UREA BAGGING HOUSE	M32-LD501	Urea Bagging House-Day & Night Lighting Panel-1	27	41.39	45.89	PAU-EEL-U-DSL-10104	
33	UREA BAGGING HOUSE	M32-LDE501	Urea Bagging House-Emergency Day & Night Lighting Panel-1	7	6.57	9.57	PAU-EEL-U-DSL-10104	
34	UREA BAGGING HOUSE	M32-RP501	Urea Bagging House-Receptacle Panel-1	16	13.36	15.52	PAU-EEL-U-DSL-10104	
35	UREA BAGGING HOUSE	M32-RP502	Urea Bagging House-Receptacle Panel-2	15	35.00	37.50	PAU-EEL-U-DSL-10103	
36	UREA BAGGING HOUSE	M32-RP503	Urea Bagging House-Receptacle Panel-3	15	35.00	37.50	PAU-EEL-U-DSL-10103	

37	BUILDING ROAD LIGHTING	F64-LN501	Building Area Road Lighting Panel	6	10.80	18.30	PAU-EEL-F-DSL-10110	
38	CONVEYOR BELT	M-LN501	Urea area-Night Lighting Panel	6	28.89	30.39	PAU-EEL-U-DSL-10104	

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LIGHTING PANELBOARD SCHEDULE														PANEL NO. : U-LN501						LOCATION: UREA PROCESS AREA (C, 3)			
														PROTECTION : WEATHER PROOF (IP55)									
														MOUNTING TYPE : WALL SURFACE MOUNTED TYPE									
														HAZARDOUS CLASSIFICATION : NON HAZARDOUS AREA									
CKT. NO.	DESCRIPTION	KIND	OUTLETS		TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm²)	ENTRY SIZE	CIRCUIT BREAKER			REMARK	<div><div>L1L2L3N</div><div>3PH+N (380/220V) NIGHT LTC.</div><div>G</div></div>								
			WATTS	Q'TY		L1	L2	L3			P	AF	AT										
N04	U-GA101A/B/C/D	HPS,FL	1 / 150 , 3 / 26	9 , 2	1888	1888			3-2.5	M20	2	-	20	ELB									
N03	R101, S201	HPS,FL	1 / 400 , 1 / 250 , 1 / 150	2 , 2 , 12	3882		3882		3-2.5	M20	2	-	20	ELB									
N06	S201	HPS	1 / 150	14	2632			2632	3-2.5	M20	2	-	20	ELB									
N05	S201	HPS	1 / 250 , 1 / 150	4 , 7	2568		2568		3-2.5	M20	2	-	20	ELB									
N07	S201	HPS,FL	1 / 150 , 3 / 26	12 , 1	2354		2354		3-2.5	M20	2	-	20	ELB									
N08	338-F,U-FA201,U-DA501	HPS,FL	1 / 150 , 3 / 26	5 , 16	2508			2508	3-2.5	M20	2	-	20	ELB									
N09	S201	HPS	1 / 150	9	1692		1692		3-2.5	M20	2	-	20	ELB									
N10	S201	HPS,FL	1 / 150 , 3 / 26	8 , 1	1602		1602		3-2.5	M20	2	-	20	ELB									
N11	SPARE	-	-	-	1500			1500	-	M20	2	-	20	ELB									
N13	S201	HPS,FL	1 / 150 , 3 / 26	8 , 3	1798		1798		3-2.5	M20	2	-	20	ELB									
N12	S201	HPS	1 / 150	15	2820		2820		3-2.5	M20	2	-	20	ELB									
N14	S201	HPS,FL	1 / 150 , 3 / 26	13 , 1	2542			2542	3-2.5	M20	2	-	20	ELB									
N15	S201	HPS,FL	1 / 150 , 3 / 26	9 , 2	1888		1888		3-2.5	M20	2	-	20	ELB									
N16	S201	HPS,FL	1 / 150 , 3 / 26	5 , 6	1528		1528		3-2.5	M20	2	-	20	ELB									
N17	S201	FL	3 / 26	10	980			980	3-2.5	M20	2	-	20	ELB									
N18	SPARE	-	-	-	1500		1500		-	M20	2	-	20	ELB									
N20	R201	HPS	1 / 150	10	1880		1880		3-2.5	M20	2	-	20	ELB									
N21	ACCESS WAY	HPS	1 / 250 , 1 / 400	1 , 2	1313			1313	3-2.5	M20	2	-	20	ELB									
N19	U-FA105, U-DA502	FL	3 / 26	10	980		980		3-2.5	M20	2	-	20	ELB									

LIGHTING PANELBOARD SCHEDULE															PANEL NO. : U-LN502										LOCATION: UREA PROCESS AREA (A, 4)									
															PROTECTION : WEATHER PROOF (IP55)																			
CKT. NO.	DESCRIPTION	KIND	OUTLETS		Q'TY	TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm ²)	ENTRY SIZE	CIRCUIT BREAKER			REMARK	MOUNTING TYPE : WALL SURFACE MOUNTED TYPE																		
			WATTS				L1	L2	L3			P	AF	AT		HAZARDOUS CLASSIFICATION : NON HAZARDOUS AREA																		
N01	ROAD LIGHTING	HPS		1 / 400	9	4500	1500	1500	1500	5-6	M25	4	-	20	ELB	<div><div>L1 L2 L3 N</div><div>3PH+N (380/220V) NIGHT LTG.</div><div><div><div>N01</div><div>N02</div><div>N03</div><div>N04</div><div>N05</div><div>N06</div><div>N07</div><div>N08</div><div>N09</div><div>N10</div><div>N11</div><div>N12</div><div>N13</div><div>N14</div><div>N15</div></div><div><div>G</div><div></div></div></div></div>																		
N02	ROAD LIGHTING	HPS		1 / 400	9	4500	1500	1500	1500	5-6	M25	4	-	20	ELB																			
N03	S202 PIPE RACK-1	HPS		1 / 150	8	1504	1504			3-2.5	M20	2	-	20	ELB																			
N04	SPARE	-		-	-	1500		1500		-	M20	2	-	20	ELB																			
N05	S202 PIPE RACK-3	HPS		1 / 150	10	1880			1880	3-2.5	M20	2	-	20	ELB																			
N06	U-FA401/U-FA501	FL		1 / 150 , 3 / 26	3 , 3	858	858			3-2.5	M20	2	-	20	ELB																			
N07	U-FA653/651/652	HPS,FL		1 / 250 , 1 / 150 , 3 / 26	3 , 1 , 1	1225		1225		3-2.5	M20	2	-	20	ELB																			
N08	U-DA601, U-BI60	HPS,FL		1 / 150 , 3 / 26	6 , 5	1618			1618	3-2.5	M20	2	-	20	ELB																			
N09	U-FA604	HPS,FL		1 / 400 , 1 / 150 , 3 / 26	1 , 4 , 3	1546	1546			3-2.5	M20	2	-	20	ELB																			
N10	U-DA601	HPS		1 / 150	10	1880		1880		3-2.5	M20	2	-	20	ELB																			
N11	U-DA601	HPS		1 / 400 , 1 / 150	1 , 6	1628			1628	3-2.5	M20	2	-	20	ELB																			
N12	U-GB602	HPS		2 / 400 , 1 / 150	1 , 4	1752	1752			3-2.5	M20	2	-	20	ELB																			
N13	U-FA351	HPS,FL		1 / 250 , 3 / 26	2 , 3	920		920		3-2.5	M20	2	-	20	ELB																			
N14	U-GA603A/B	HPS		1 / 250	2	626			626	3-2.5	M20	2	-	20	ELB																			
N15	SPARE	-		-	-	1500	1500			-	M20	2	-	20	ELB																			

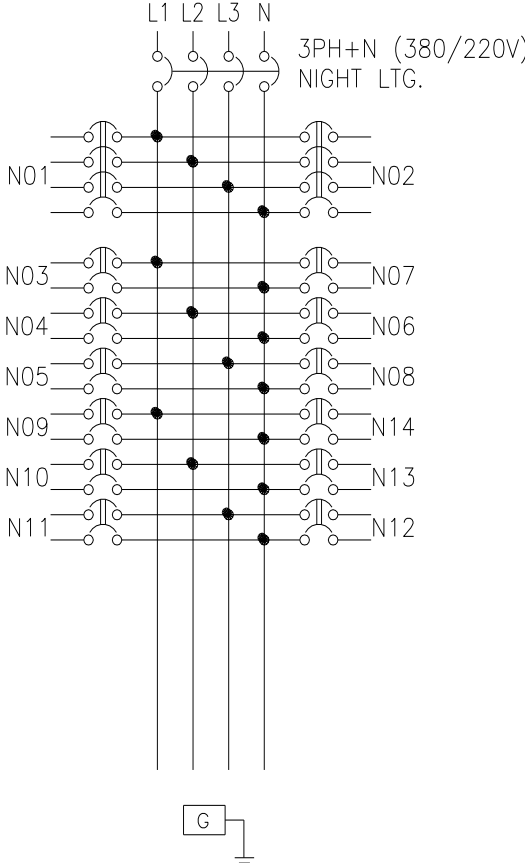
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LIGHTING PANELBOARD SCHEDULE															PANEL NO. : U-LDE501															LOCATION: TRANSFER TOWER (TT02)														
															PROTECTION : GENERAL PURPOSE																													
CKT. NO.	DESCRIPTION	KIND	OUTLETS			TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm²)	CONDUIT SIZE(INCH)	CIRCUIT BREAKER			REMARK	MOUNTING TYPE : WALL SURFACE MOUNTED TYPE																												
			WATTS		Q'TY		L1	L2	L3			P	AF	AT		HAZARDOUS CLASSIFICATION : NON HAZARDOUS AREA																												
E01	TT-01, TT-02	FL		3 / 26	9	882	882			3-2.5	M20	2	-	20	ELB	<div><div>L1 L2 L3 N</div><div>3PH+N (380/220V)</div><div>DAY & NIGHT</div><div>EMER. LTG.</div><div><div>E03</div><div>E05</div><div>E07</div><div>PHOTO CELL</div><div>E01</div><div>E02</div><div>E06</div><div>E04</div><div>E08</div></div><div><div>Mg</div><div>G</div></div></div>																												
E02	TT-04	FL		3 / 26	13	1274		1274		3-2.5	M20	2	-	20	ELB																													
E03	BC-101,601,TT-01,TT-02	FL		3 / 26	5	490	490			3-2.5	M20	2	-	20	ELB																													
E04	SPARE	-		-	-	1500	1500			-	M20	2	-	20	ELB																													
E05	BC-106,TT-04	FL		3 / 26	11	1078		1078		3-2.5	M20	2	-	20	ELB																													
E06	TT-03	FL		3 / 26	16	1568			1568	3-2.5	M20	2	-	20	ELB																													
E07	BC-102,103,105	FL		3 / 26	7	686			686	3-2.5	M20	2	-	20	ELB																													
E08	SPARE	-		-	-	1500		1500		-	M20	2	-	20	ELB																													

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LIGHTING PANELBOARD SCHEDULE														PANEL NO. : F-LN504										LOCATION: UTILITY AREA (Cd12, 317a)									
														PROTECTION : WEATHER PROOF (IP55)																			
CKT. NO.	DESCRIPTION	KIND	OUTLETS		TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm ²)	ENTRY SIZE	CIRCUIT BREAKER			REMARK	MOUNTING TYPE : WALL SURFACE MOUNTED TYPE																		
			WATTS	Q'TY		L1	L2	L3			P	AF	AT		HAZARDOUS CLASSIFICATION : NON HAZARDOUS AREA																		
N01	ROAD LIGHTING	HPS	1 / 400		10	5000	1500	1500	2000	5-6	M25	4	-	20	ELB	<div><div>L1 L2 L3 N</div><div>3PH+N (380/220V) NIGHT LTG.</div></div>																	
N02	ROAD LIGHTING	HPS	1 / 400		10	5000	1500	2000	1500	5-6	M25	4	-	20	ELB																		
N03	R304,351-F	HPS,FL	1 / 400 , 1 / 250 , 1 / 150 , 3 / 26		1 5 , 7 , 1	3479	3479			3-2.5	M20	2	-	20	ELB																		
N04	R304	HPS,FL	1 / 150 , 3 / 26		7 , 2	1512		1512		3-2.5	M20	2	-	20	ELB																		
N05	R306	HPS,FL	1 / 250 , 1 / 150		3 , 10	2819			2819	3-2.5	M20	2	-	20	ELB																		
N06	R305	HPS,FL	1 / 150 , 3 / 26		12 , 1	2354		2354		3-2.5	M20	2	-	20	ELB																		
N07	R305,125-L	HPS,FL	1 / 400 , 1 / 150 , 3 / 26		2 , 4 , 7	2438	2438			3-2.5	M20	2	-	20	ELB																		
N08	COOLING TOWER	HPS	1 / 150		9	1692			1692	3-2.5	M20	2	-	20	ELB																		
N09	COOLING TOWER	HPS	1 / 150		9	1692	1692			3-2.5	M20	2	-	20	ELB																		
N10	COOLING TOWER	HPS	1 / 150		9	1692		1692		3-2.5	M20	2	-	20	ELB																		
N11	COOLING TOWER	HPS	1 / 150		9	1692			1692	3-2.5	M20	2	-	20	ELB																		
N12	343-L, 341-J	HPS	1 / 250 , 1 / 150		8 , 6	3632			3632	3-2.5	M20	2	-	20	ELB																		
N13	SPARE	-	-		-	1500		1500		-	M20	2	-	20	ELB																		
N14	SPARE	-	-		-	1500	1500			-	M20	2	-	20	ELB																		

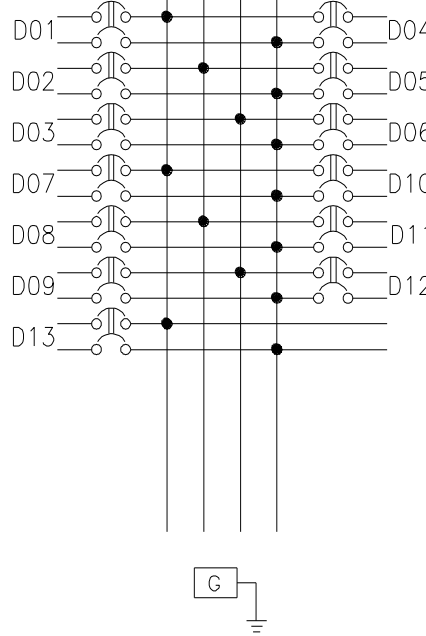
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LIGHTING PANELBOARD SCHEDULE														PANEL NO. : F-LNE502				LOCATION: UTILITY AREA (Cd18, 318)	
														PROTECTION : WEATHER PROOF (IP55)					
														MOUNTING TYPE : WALL SURFACE MOUNTED TYPE					
														HAZARDOUS CLASSIFICATION : NON HAZARDOUS AREA					
CKT. NO.	DESCRIPTION	OUTLETS			TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm²)	ENTRY SIZE	CIRCUIT BREAKER			REMARK					
		KIND	WATTS	Q'TY		L1	L2	L3			P	AF	AT						
E01	EMER. LIGHTING	FL	3 / 26	14	1372	1372			3-2.5	M20	2	-	20	ELB					
E02	EMER. LIGHTING	FL	3 / 26	6	588		588		3-2.5	M20	2	-	20	ELB					
E03	EMER. LIGHTING	FL	3 / 26	20	1960			1960	3-2.5	M20	2	-	20	ELB					
E04	EMER. LIGHTING	FL	3 / 26	12	1176	1176			3-2.5	M20	2	-	20	ELB					
E05	EMER. LIGHTING	FL	3 / 26	18	1764		1764		3-2.5	M20	2	-	20	ELB					
E06	EMER. LIGHTING	FL	3 / 26	8	784			784	3-2.5	M20	2	-	20	ELB					
E07	SPARE	-	-	-	1500	1500			-	M20	2	-	20	ELB					
E08	SPARE	-	-	-	1500		1500		-	M20	2	-	20	ELB					

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LIGHTING PANELBOARD SCHEDULE															PANEL NO. : F80-LDE501					LOCATION: WARE HOUSE / CHEMICAL STORE				
															PROTECTION : WEATHER PROOF (IP55)									
															MOUNTING TYPE : WALL FLUSH MOUNTED TYPE									
															HAZARDOUS CLASSIFICATION : NON- HAZARDOUS AREA									
CKT. NO.	DESCRIPTION	KIND	OUTLETS		Q'TY	TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm2)	ENTRY SIZE	CIRCUIT BREAKER			REMARK									
			WATTS				L1	L2	L3			P	AF	AT										
E01	STOCK AREA	FL	1 / 10 , 3 / 26		3 , 4	431	431			2.5	M20	2	-	20	ELB									
E02	SPARE	-			-	1500	1500			-	M20	2	-	20	ELB									
E03	SPARE	-			-	1500		1500		-	M20	2	-	20	ELB									
E04	SPARE	-			-	1500			1500	-	M20	2	-	20	ELB									

LIGHTING PANELBOARD SCHEDULE															PANEL NO. : M31-LD501					LOCATION: BULK STORAGE HOUSE (13, K)	
															PROTECTION : WEATHER PROOF (IP55)						
CKT. NO.	DESCRIPTION	OUTLETS			TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm ²)	ENTRY SIZE	CIRCUIT BREAKER			REMARK	MOUNTING TYPE : WALL SURFACE MOUNTED TYPE						
		KIND	WATTS	Q'TY		L1	L2	L3			P	AF	AT		HAZARDOUS CLASSIFICATION : NON HAZARDOUS AREA						
D01	BULK STORAGE	FL	3 / 26	16	1568	1568			3-2.5	M20	2	-	20	ELB	<div><div>L1 L2 L3 N</div><div>3PH+N (380/220V) DAY & NIGHT LTG.</div></div>						
D02	BULK STORAGE	FL	3 / 26	16	1568		1568		3-2.5	M20	2	-	20	ELB							
D03	BULK STORAGE	FL	3 / 26	19	1862			1862	3-2.5	M20	2	-	20	ELB							
D04	BULK STORAGE	HPS	1 / 250	12	3336	3336			3-2.5	M20	2	-	20	ELB							
D05	BULK STORAGE	HPS	1 / 250	12	3336		3336		3-2.5	M20	2	-	20	ELB							
D06	BULK STORAGE	FL	3 / 26	12	1176			1176	3-2.5	M20	2	-	20	ELB							
D07	BULK STORAGE	FL	3 / 26	11	1078	1078			3-2.5	M20	2	-	20	ELB							
D08	BULK STORAGE	HPS	1 / 250	12	3336		3336		3-2.5	M20	2	-	20	ELB							
D09	BULK STORAGE	HPS	1 / 250	12	3336			3336	3-2.5	M20	2	-	20	ELB							
D10	BULK STORAGE	FL	1 / 18 , 2 / 36	6 , 4	498	498			3-2.5	M20	2	-	20	ELB							
D11	BULK STORAGE	FL	1 / 68 , 1 / 18 , 2 / 36	3 , 6 , 4	753		753		3-2.5	M20	2	-	20	ELB							
D12	SPARE	-	-	-	1500			1500	-	M20	2	-	20	ELB							
D13	SPARE	-	-	-	1500	1500			-	M20	2	-	20	ELB							

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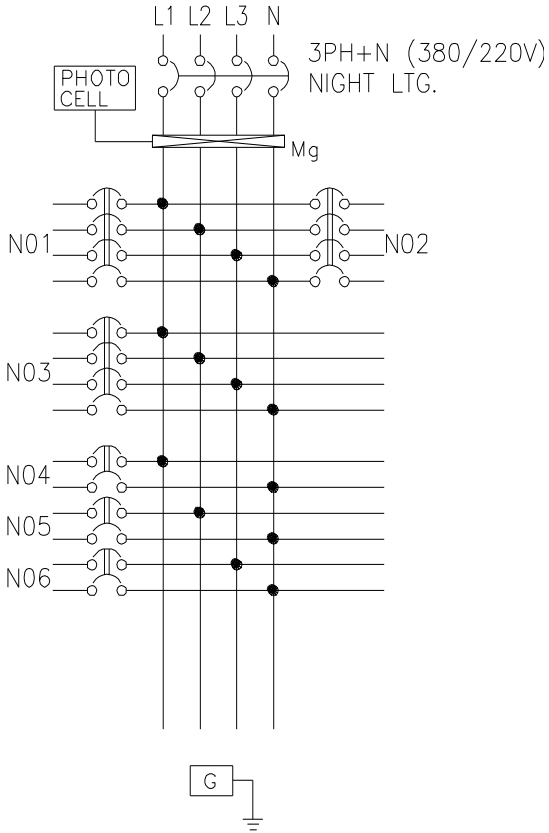
LIGHTING PANELBOARD SCHEDULE												PANEL NO. : M31-RP501				LOCATION: BULK STORAGE HOUSE (13, K)	
												PROTECTION : WEATHER PROOF (IP55)					
												MOUNTING TYPE : WALL SURFACE MOUNTED TYPE					
												HAZARDOUS CLASSIFICATION : NON HAZARDOUS AREA					
CKT. NO.	DESCRIPTION	KIND	OUTLETS			TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm²)	ENTRY SIZE	CIRCUIT BREAKER			REMARK		
			VA	Q'TY			L1	L2	L3			P	AF	AT			
R01	RECEPTACLE	RECEP.	180		4	720	720			3-4	M20	2	-	20	ELB		
R02	RECEPTACLE	RECEP.	180		5	900		900		3-4	M20	2	-	20	ELB		
R03	RECEPTACLE	RECEP.	180		4	720			720	3-4	M20	2	-	20	ELB		
R04	RECEPTACLE	RECEP.	180		2	360	360			3-4	M20	2	-	20	ELB		
R05	RECEPTACLE	RECEP.	180		5	900		900		3-4	M20	2	-	20	ELB		
R06	RECEPTACLE	RECEP.	180		4	720			720	3-4	M20	2	-	20	ELB		
R07	SPARE	-	-		-	1080	1080			-	M20	2	-	20	ELB		
R08	SPARE	-	-		-	1080			1080	-	M20	2	-	20	ELB		

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LIGHTING PANELBOARD SCHEDULE										PANEL NO. : F64-LN501					LOCATION: BUILDING AREA (ROAD)		
										PROTECTION : WEATHER PROOF (IP55)							
CKT. NO.	DESCRIPTION	KIND	OUTLETS		TOTAL CONNECT LOAD(VA)	VA PER PHASE			WIRE (mm²)	ENTRY SIZE	CIRCUIT BREAKER			REMARK	MOUNTING TYPE : WALL SURFACE MOUNTED TYPE		
			WATTS	Q'TY		L1	L2	L3			P	AF	AT		HAZARDOUS CLASSIFICATION : NON HAZARDOUS AREA		
N01	ROAD LIGHTING	HPS	1 / 400		9	3600	1200	1200	1200	5-6	M25	4	-	20	ELB		3PH+N (380/220V) NIGHT LTG.
N02	ROAD LIGHTING	HPS	1 / 400		18	7200	2400	2400	2400	5-6	M25	4	-	20	ELB		
N03	SPARE	-	-		-	3000	1000	1000	1000	5-6	M25	4	-	20	ELB		
N04	SPARE	-	-		-	1500	1500			-	M20	2	-	20	ELB		
N05	SPARE	-	-		-	1500		1500		-	M20	2	-	20	ELB		
N06	SPARE	-	-		-	1500			1500	-	M20	2	-	20	ELB		
														</			

