

Quadro de Cargas (QM1) - Pavimento T																			
Circuito	Descrição	Esquema	Tensão (V)	Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Ip (A)	Seção (mm²)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status
QD1		3F+N+T	220/127 V	100513	85518	R+S+T	29001	28064	28452	1.00	1.00	216.1	216.1	95	269.0	250	1.54	1.91	OK
TOTAL				100513	85518	R+S+T	29001	28064	28452										

Quadro de Cargas (QD1) - Pavimento T																			
Circuito	Descrição	Esquema	Tensão (V)	Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Ip (A)	Seção (mm²)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status
QD3		3F+N+T	220/127 V	13642	11952	R+S+T	4094	4075	3783	1.00	0.70	57.3	40.1	25	117.0	80	0.12	2.03	OK
QD4		3F+N+T	220/127 V	11072	9977	R+S+T	3350	3178	3449	1.00	0.70	41.9	29.3	25	117.0	80	0.16	2.07	OK
QD2		3F+N+T	220/127 V	38077	29639	R+S+T	9927	9721	9990	1.00	1.00	79.0	79.0	25	117.0	100	0.28	2.19	OK
QD5		3F+N+T	220/127 V	37722	33950	R+S+T	11630	11090	11230	1.00	0.70	134.2	93.9	35	144.0	100	0.38	2.29	OK
TOTAL				100513	85518	R+S+T	29001	28064	28452										

Quadro de Cargas (QD2) - Pavimento T																																		
Circuito	Descrição	Esquema	Tensão (V)	Iluminação (W)						Tomadas (W)						Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	Ina' (A)	Ip (mm²)	Seção (mm²)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status				
				5	6	9	12	18	24	100	200	600	1000	2600	5500																8900			
1	ILUM.01	F+N	127 V												486	438	S					438		100	0.72	5.3	3.8	2.5	24.0	16	1.24	3.44	OK	
2	ILUM.02	F+N+T	127 V							15					300	270	R			270				100	0.72	3.3	2.4	2.5	24.0	16	0.63	2.83	OK	
3	ILUM.03	F+N+T	127 V					3	6		12				427	387	T					387		100	0.72	4.7	3.4	2.5	24.0	16	0.60	2.80	OK	
4	ILUM. 04	F+N	127 V	4						2	9				302	272	T					272		100	0.72	3.3	2.4	2.5	24.0	16	0.83	3.02	OK	
5	TOM. 01	F+N+T	127 V									3			357	324	R			324				100	0.72	2.7	2.8	2.5	24.0	16	0.13	2.32	OK	
6	TOM. 02	F+N+T	127 V							6		3	2		814	736	T					736		100	0.72	8.9	6.4	2.5	24.0	16	1.62	3.81	OK	
7	TOM. COZ. 1	F+N+T	127 V							2				5	568	512	T					512		100	0.72	6.2	4.5	4	32.0	20	0.31	2.51	OK	
8	TOM. BAR	F+N+T	127 V									5			556	500	R			500				100	0.72	6.1	4.4	4	32.0	20	0.53	2.73	OK	
9	MONTA CARGA	F+F+T	220 V											1	1111	1000	R+T			500		500		100	0.72	7.0	5.1	4	32.0	20	0.24	2.43	OK	
10	TOM. REFR	F+F+T	220 V										3		2000	1800	S+T			900		900		100	0.72	12.6	9.1	4	32.0	20	0.46	2.66	OK	
11	LAVADORA	F+F+T	220 V												2889	2600	R+S			1300		1300		100	0.72	18.2	13.1	4	32.0	20	0.68	2.87	OK	
12	COIFA 01	F+F+T	220 V									1			222	200	R+S			100		100		100	1.00	1.0	1.0	1.0	2.5	24.0	20	0.00	2.19	OK
13	TOM. FORNO E CHAPA	F+F+T	220 V									1			111	100	S+T					50		50	0.72	0.7	0.5	4	32.0	20	0.03	2.22	OK	
14	TOM. B.M. E FOGÃO	F+F+T	220 V									2			222	200	R+S			100		100		100	0.72	1.4	1.0	4	32.0	20	0.06	2.26	OK	
15	TOM. EXAUTOR	F+F+T	220 V									2			444	400	R+S			200		200		100	0.72	2.8	2.0	2.5	24.0	16	0.28	2.47	OK	
16	ELEV.01	3F+T	220 V											1	7536	5500	R+S+T			1833		1833		1833	0.72	27.5	19.8	4	28.0	20	0.57	2.76	OK	
17	ELEV.02	3F+T	220 V											1	7536	5500	R+S+T			1833		1833		1833	0.72	27.5	19.8	4	28.0	20	0.80	2.99	OK	
18	FORNO	3F+T	220 V												12195	8900	R+S+T			2967		2967		2967	0.72	44.4	32.0	10	50.0	32	0.62	2.81	OK	
TOTAL				4	13	3	6	17	39	19	5	3	1	1	2	1	38077	29639	R+S+T		9927		9721		9990									

Quadro de Cargas (QD3) - Pavimento 1																													
Circuito	Descrição	Esquema	Tensão (V)	Iluminação (W)						Tomadas (W)				Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA (A)	Ip (mm²)	Seção (A)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status	
				6	9	12	18	24	30	100	200	600	2600																
1	ILUM. 01	F+N+T	127 V												876	456	T												
3	ILUM. 03	F+N	127 V				2		11	6					407	366	S												
4	ILUM. 04	F+N	127 V								11				293	264	R												
5	TOM. 01	F+N+T	127 V	2								3			345	312	R												
6	TOM. 02	F+N+T	127 V	2								1	1		345	312	T												
7	TOM. 03	F+N+T	127 V	2								2			456	412	R												
8	TOM. 04	F+N+T	127 V	2								2			456	412	T												
9	TOM. 05	F+N+T	127 V									2			444	400	S												
10	TOM. COZ. 02	F+F+T	220 V	2								6			679	612	R+S												
11	TOM. COZ. 03	F+F+T	220 V	1								4			450	406	S+T												
12	REFRIGERADOR 01	F+F+T	220 V										4		2667	2400	S+T												
13	REFRIGERADOR 02	F+F+T	220 V										2		1333	1200	R+T												
14	CHAPA E B.M.	F+F+T	220 V										2		1333	1200	R+T												
15	COIFA	F+F+T	220 V										1		222	200	R+S												
16	LAVADORA	F+F+T	220 V											1	2889	2600	R+S												
17	EXAUTORES	F+F+T	220 V										2		444	400	R+S												
TOTAL				11	4	2	11	17	14	14	10	8	1		13642	11952	R+S+T												

Quadro de Cargas (QD4) - Pavimento 2																													
Circuito	Descrição	Esquema	Tensão (V)	Iluminação (W)						Tomadas (W)		Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	Ina' (A)	Ip (A)	Seção (mm²)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status			
				5	6	10	12	18	24	60	100																1000		
1	ILUM. 01	F+N+T	127 V	5					1	11	1	401	367	T					1,00	0,72	4,4	3,2	2,5	24,0	16	1,39	3,46	OK	
2	ILUM. 02	F+N	127 V	2				6	12			451	406	S		406			1,00	0,72	4,9	3,6	2,5	24,0	16	0,84	2,92	OK	
3	ILUM. 03	F+N+T	127 V						11			220	198	S		198			1,00	0,72	2,4	1,7	2,5	24,0	16	0,71	2,78	OK	
4	ILUM. 04	F+N	127 V	2					15			411	370	T			370		1,00	0,72	4,5	3,2	2,5	24,0	16	0,64	2,72	OK	
5	ILUM. 05	F+N	127 V				5	11				202	182	R	182				1,00	0,72	2,2	1,6	2,5	24,0	16	0,97	3,05	OK	
6	ILUM. 06	F+N	127 V		2				12			332	300	R	300				1,00	0,72	3,6	2,6	2,5	24,0	16	0,38	2,45	OK	
7	TOM. 01	F+N+T	127 V	2							7	790	712	T				712		1,00	0,72	8,6	6,2	2,5	24,0	16	0,90	2,98	OK
8	TOM. 220V 01	F+F+T	220 V							1	2	2333	2100	R+S	1050	1050			1,00	0,72	14,7	10,6	2,5	24,0	16	1,51	3,58	OK	
9	TOM. 03	F+N+T	127 V							20		2222	2000	T			2000		1,00	0,72	24,3	17,5	4	32,0	20	1,37	3,44	OK	
10	TOM. 220V 02	F+F+T	220 V							2		222	200	R+S	100	100			1,00	0,72	1,4	1,0	4	32,0	20	0,05	2,13	OK	
11	TOM. 04	F+N+T	127 V	1							8	895	806	R	806				1,00	0,72	9,8	7,0	2,5	24,0	16	1,50	3,57	OK	
12	TOM. 05	F+N+T	127 V	2							9	1012	912	R	912				1,00	0,72	11,1	8,0	2,5	24,0	16	2,51	4,59	OK	
13	TOM. 06	F+N+T	127 V	1							9	1006	906	S		906			1,00	0,72	11,0	7,9	2,5	24,0	16	3,05	5,00	OK	
14	TOM. 07	F+N+T	127 V	3							5	574	518	S		518			1,00	0,72	6,3	4,5	2,5	24,0	16	0,52	2,60	OK	
TOTAL				9	11	5	11	18	50	1	61	2	11072	9977	R+S+T	3350	3178	3449											

Quadro de Cargas (QD5) - Pavimento 2																									
Circuito	Descrição	Esquema	Tensão (V)	Tomadas (W)					Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Ip (A)	Seção (mm²)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status	
				815	1085	1630	1990	2900																	
15	AR-COND. 01	F+F+T	220 V					1	2211	1990	R+T	995		995	1.00	0.65	15.5	10.1	4	32.0	20	0.46	2.76	OK	
16	AR-COND. 03	F+F+T	220 V						1	2211	1990	R+T	995		995	1.00	0.70	14.4	10.1	4	32.0	20	0.56	2.86	OK
17	AR-COND. 05	F+F+T	220 V						1	2211	1990	S+T		995	995	1.00	0.65	15.5	10.1	4	32.0	20	0.46	2.76	OK
18	AR-COND. 06	F+F+T	220 V						1	2211	1990	R+S	995	995		1.00	0.65	15.5	10.1	4	32.0	20	0.52	2.81	OK
19	AR-COND. 07	F+F+T	220 V					1	2211	1990	R+S	995	995		1.00	0.65	15.5	10.1	4	32.0	20	0.52	2.81	OK	
20	AR-COND. 08	F+F+T	220 V		1				1206	1085	R+S	543	543		1.00	0.70	7.8	5.5	4	32.0	20	0.31	2.61	OK	
21	AR-COND. 10	F+F+T	220 V					1	3222	2900	R+T	1450		1450	1.00	0.70	20.9	14.6	4	32.0	20	0.89	3.18	OK	
22	AR-COND. 11	F+F+T	220 V						1	3222	2900	S+T		1450	1450	1.00	0.70	20.9	14.6	4	32.0	20	0.82	3.11	OK
23	AR-COND. 12	F+F+T	220 V					1	3222	2900	R+T	1450		1450	1.00	0.70	20.9	14.6	4	32.0	20	0.84	3.13	OK	
24	AR-COND. 13	F+F+T	220 V					1	2211	1990	R+S	995	995		1.00	0.70	14.4	10.1	4	32.0	20	0.61	2.90	OK	
25	AR-COND. 14	F+F+T	220 V	1					906	815	R+S	408	408		1.00	0.70	5.9	4.1	4	32.0	20	0.25	2.55	OK	
26	AR-COND. 15	F+F+T	220 V						1	2211	1990	R+S	995	995		1.00	0.65	15.5	10.1	4	32.0	20	0.48	2.77	OK
27	AR-COND. 16	F+F+T	220 V					1	3222	2900	S+T		1450	1450		1.00	0.65	22.5	14.6	4	32.0	20	0.77	3.06	OK
28	AR-COND. 17	F+F+T	220 V		1				1811	1630	R+S	815	815		1.00	0.70	11.8	8.2	4	32.0	20	0.51	2.80	OK	
29	AR-COND. 18	F+F+T	220 V					1	2211	1990	R+T	995		995	1.00	0.65	15.5	10.1	4	32.0	20	0.53	2.82	OK	
30	AR-COND. 19	F+F+T	220 V						3222	2900	S+T		1450	1450	1.00	0.65	22.5	14.6	4	32.0	20	0.69	2.99	OK	
TOTAL				1	1	1	8	5	37722	33950	R+S+T	11630	11090	11230											