

Quadro de Cargas																																		
		QD01																																
Grp.	Descrição	Linha/Grp				Tensões				Grp		Vol. V	Vol. VA	Tensão (V)	Fat. Psc	Tensão V	Fat. Psc	Vol. V	Fat. Psc	Vol. V	Fat. Psc	Vol. V	Fat. Psc	Vol. V	Fat. Psc	Vol. V	Fat. Psc	Vol. V	Fat. Psc	Vol. V	Fat. Psc	Vol. V	Fat. Psc	
		230	254/48	260/48	48/48	110	100	100V	100V	1000V	1000V	6000V	1000V	1700V																				
1	Barra/Grp		24												1344	1000V	1000	300	6,64	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV	
12	Barra/Grp				21										1176	1000V	1000	300	5,81	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV	
13	Barra/Grp														438	470/0	1000	0,92	2,00	2,10	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
14	Barra/Grp		2	8											364	305,88	1000	0,92	2,00	2,10	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
16	Barra/Grp			13											407	377,77	1000	0,92	2,00	2,10	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
18	Barra/Grp		1			14									1344	1000V	1000	300	6,64	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV	
8	Temperatura				24										88	88,88	1000	0,92	2,00	6,43	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
8	Temperatura					8									1	17400	88888	1000	300	28,74	3	40	C </td <td>5,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	10	Grp	IV	IV	IV	IV	IV	IV	IV	
QD02	Grp: QD02																																	
QD03	Grp: QD03																																	
QD04	Grp: QD04																																	
QD05	Grp: QD05																																	
1	Temperatura														230	271,74	1000	0,92	2,00	1,24	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
15	Temperatura														30	54,38	1000	0,92	2,00	0,55	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
17	Temperatura														600	597,63	1000	0,92	2,00	2,72	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
18	Temperatura														500	500,63	1000	0,92	2,00	2,72	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
71	Temperatura														600	597,63	1000	0,92	2,00	2,72	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
113	Temperatura														4	2																		
115	Temperatura														600	597,63	1000	0,92	2,00	2,72	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
116	Temperatura														1000	1000,63	1000	0,92	2,00	2,72	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
118	Temperatura														400	708,82	1000	0,92	2,00	3,20	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
176	Temperatura														600	708,82	1000	0,92	2,00	3,20	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
178	Temperatura														1000	1000,63	1000	0,92	2,00	4,94	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
179	Temperatura														2000	2239,02	1000	0,92	2,00	8,80	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
122	Temperatura														230	271,74	1000	0,92	2,00	1,24	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
124	Temperatura														700	708,87	1000	0,92	2,00	3,46	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
126	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
128	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura														300	324,45	1000	0,92	2,00	2,47	1	HA	C </td <td>5,5</td> <td>2,5</td> <td>10</td> <td>Grp</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td> <td>IV</td>	5,5	2,5	10	Grp	IV	IV	IV	IV	IV	IV	IV
129	Temperatura																																	