ANEJO 5 – CÁLCULOS ELÉCTRICOS

CUADRO DE RESULTADOS

Acometida (Suministro principal)

Acometida

Entrada

Acometida

Descripción	Pot.Calc. (W)	Long. (m)	Sección (mm)	I_B (A)	I_Z (A)	ΔU (%)	ΔU_{ac} (%)
Acometida	211500.00	155.00	AL RZ1 (AS) 3(1x240) + 1x120 + TTx120	348.57	411.47	3.52	-
Entrada	211500.00	1.00	AL RZ1 (AS) 3(1x240) + 1x120 + TTx120	348.57	438.77	0.02	3.54

Descripción	I_B (A)	I_n (A)	I_Z (A)	$Icc_{máx}$ (A)	Pdc (kA)	$Icc_{mín}$ (A)	I_m (kA)	I_d (A)	Sens.dif. (mA)
Acometida	348.57	360.00	411.47	12.00	-	1.28	-	-	-
Entrada	348.57	360.00	438.77	5.79	36.00	1.28	0.54	-	-

Entrada

Descripción	Pot.Calc. (W)	Long. (m)	Sección (mm)	I_B (A)	I_Z (A)	ΔU (%)	ΔU_{ac} (%)
Alumbrado	300.00	10.00	RZ1-K (AS) 3G1.5	1.62	17.98	0.15	3.69
Emergencia	100.00	5.00	RZ1-K (AS) 3G1.5	0.54	17.98	0.02	3.57
Maniobra	100.00	1.00	RZ1-K (AS) 3G2.5	0.54	24.90	0.00	3.55
Central PCI	1000.00	5.00	RZ1-K (AS) 3G2.5	5.41	24.90	0.15	3.69
TC	2000.00	5.00	RZ1-K (AS) 3G2.5	10.83	24.90	0.31	3.85
Nivel depósito/Control válvula	500.00	15.00	RZ1-K (AS) 3G2.5	2.71	24.90	0.22	3.77
Bomba Diesel	2000.00	7.00	RZ1-K (AS) 5G2.5	3.61	22.13	0.07	3.61
Bomba Eléctrica	200000.00	7.00	RZ1-K (AS) 4(1x240)	328.04	425.32	0.09	3.63
Bomba Jockey	5000.00	7.00	RZ1-K (AS) 5G2.5	9.02	22.13	0.18	3.72
Bomba Vaciado	1875.00	20.00	RZ1-K (AS) 3G6	10.15	43.57	0.47	4.01

Descripción	I_B (A)	I_n (A)	I_Z (A)	$Icc_{máx}$ (A)	Pdc (kA)	$Icc_{mín}$ (A)	I_m (kA)	I_d (A)	Sens.dif. (mA)
Alumbrado	1.62	10.00	17.98	2.88	6.00	0.69	0.10	9.17	30
Emergencia	0.54	10.00	17.98	2.88	6.00	1.04	0.10	9.20	30
Maniobra	0.54	16.00	24.90	2.88	6.00	1.78	0.16	9.23	30
Central PCI	5.41	16.00	24.90	2.88	6.00	1.29	0.16	9.21	30
TC	10.83	16.00	24.90	2.88	6.00	1.29	0.16	9.21	30
Nivel depósito/Control válvula	2.71	16.00	24.90	2.88	6.00	0.73	0.16	9.18	30
Bomba Diesel	3.61	16.00	22.13	5.77	10.00	0.87	0.16	9.21	300
Bomba Eléctrica	328.04	328.00	425.32	5.77	36.00	1.24	0.49	9.23	300
Bomba Jockey	9.02	16.00	22.13	5.77	10.00	0.87	0.16	9.21	300
Bomba Vaciado	10.15	16.00	43.57	2.88	6.00	1.02	0.16	9.20	300