

CONTROL SYSTEM FOR GAS COMPRESSOR STATION OF BINAK

Power & Heat Calculation

Item	Description	Qty.	Power		Heat Dissipation			
			Unit VA	Total VA	Unit BTU/hr	unit Watts	Total BTU/hr	Total Watts
1	Operation/engineering Station	3	450	1350	1450.1	425.02431	4350.3	1275.07293
2	32" LED	5	80	400	272.97	80.007507	1364.85	400.037535
3	64" LED	5	148	740	504.99	148.012569	2524.95	740.062845
4	Printer	3	450	1350	1534.5	449.76195	4603.5	1349.28585
5	Switch	2	15	30	51.18	15.000858	102.36	30.001716
6	System Cabinet (DCS)	1	900	900	3070.92	900.086652	3070.92	900.086652
7	Marshalling,IRP Cabinet(Lighting)	6	40	240	142.5	41.76675	855	250.6005
Total				5010	7027.16	2059.660596	16871.88	4945.148028