

Ref No.	Service/Location	Manufacturer	Model/Type	Duty	Electrical Supply
B1/3	Boiler natural gas fired condensing	Hamworthy Ltd	Purewell PV70c	63.5 kW SV 1.5bar	230v SPN 0.69A
P3/5	Boiler circulation pumps	Grundfos Ltd	Magna 1 32-60	1.5 litres/sec@30kPa	230v SPN 0.6A
P1	Heating zone circulation pump	Grundfos Ltd	Magna 1 D 50-150F	4.2 litres/sec@85kPa	230v SPN 2.8A
P2	HWS primary pump	Grundfos Ltd	Magna 1 D 40-180F	2.86 litres/sec@101kPa	230v SPN 2.0A
P8/9	HWS destratification pump	Grundfos Ltd	Alpha 2 L 20-45N	0.15 litres/sec@14kPa	230v SPN 0.34A
PU1	Pressurisation unit	Hamworthy Ltd	Chesil	300 litre Expansion Vessel	230v SPN
HWC1/2	Vented Calorifier	Hamworthy Ltd	Powerstock PS 500	470 litres	230v SPN 3kW
AS	Air/dirt separators	Flamco	Flexair	80 dia 1.0 kPa	
MCV1	Heating motorised three port mixing valve	Trend Ltd	50Ø kv25	4.2 litres/sec@40kPa	230v SPN
MCV2/3	HWS motorised three port diverting valve	Trend Ltd	32Ø kv12	1.43 litres/sec@50kPa	230v SPN
MCV4/5/6	Two port motorised isolation	Trend Ltd	Line bore		230v SPN
DP	Dosing pot recover and re use existing unit				
Trace Heating	DHW flow pipework in plant room	Raychem Ltd	Self regulating	12W/m	230 v SPN
L1	Enclosed luminaire	Crompton Ltd	Weather proof batten	T8 58W 1500mm	230 v SPN
	Non-return valve		Double check valve		Three port motorized valve
	Pressure regulating valve		Double regulating valve		Two port motorized valve
	Safety valve		Drain cock		Air vent
	Lockshield valve		Three way vent valve		Pump
	Isolating valve		Air/Dirt separator		
	Automatic air vent		Y Type strainer		

DCHC

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TO BE READ IN CONJUNCTION WITH DRG Nos. RC-SK/1, /3, & /4

ROSECROFT BOILER PLANT EQUIPMENT SCHEDULE
 SCALE : NTS
 DATE : FEB2018
 DRG No. RC-SK/2/T