

Plantroom

[TOC] Plantroom - SL_90_90

Mark	Uniclass System Code	Natural Ventilation	Mechanical Ventilation	Mechanical Ventilation Rate	Equipment List	Fire Compar- mentation	Description	Notes	Floor Loading	Clear Internal Length	Clear Internal Width	Clear Internal Height
SPC-1-1_M	Ss_60_40_37	No	Yes	4	LTHW pumping circuits and buffer vessels	TBC	Heating Plantroom		1000 kg/m2	4000 mm	4000 mm	2500 mm
SPC-1-2_M	Ss_60_40_17	No	Yes	4	CHW pumping circuits and buffer vessels	TBC	Cooling Plantroom		1000 kg/m2	4000 mm	4000 mm	2500 mm
SPC-1-3_M	Ss_65_40	No	Yes	4	Separate AHUs for residential and commercial ventilation systems	TBC	Ventilation Plantroom		1000 kg/m2	4000 mm	4000 mm	2500 mm
SPC-1-4_M	Ss_65_40	No	Yes	4		TBC	Borehole/ Ground Source Plantroom		1000 kg/m2	4000 mm	4000 mm	2500 mm
SPC-1-5_M	Ss_65_40	No	No		Separate AHUs for residential and commercial ventilation systems	TBC	External Ventilation Plant Deck	Surrounded by acoustic enclosure.	1000 kg/m2	4000 mm	4000 mm	2500 mm
SPC-2-1_E	Ss_70	No	Yes	4	Generator	TBC	Generator Plantroom		1000 kg/m2	4000 mm	4000 mm	2500 mm
SPC-2-2_E	Ss_70	No	Yes	4		TBC	DNO Substation		1000 kg/m2	4000 mm	4000 mm	2500 mm
SPC-2-3_E	Ss_70	No	Yes	4		TBC	Primary LV Switchroom		1000 kg/m2	4000 mm	4000 mm	2500 mm
SPC-2-4_E	Ss_70	No	Yes	4		TBC	Secondary LV Switchroom		1000 kg/m2	4000 mm	4000 mm	2500 mm
SPC-2-5_E	Ss_75_10	No	Yes	4		TBC	Main Comms/Server Room		1000 kg/m2	4000 mm	4000 mm	2500 mm
SPC-3-1_P	Ss_55_70_38_15	No	Yes	4		TBC	Cold Water Intake Room		1000 kg/m2	4000 mm	4000 mm	2500 mm
SPC-3-2_P	Ss_55_30_98_85	No	Yes	4		TBC	Sprinkler Plantroom		1000 kg/m2	4000 mm	4000 mm	2500 mm
SPC-3-3_P	Ss_55_70_38	No	Yes	4	Hot water storage cylinders, pumps	TBC	Domestic Hot Water Plantroom		1000 kg/m2	4000 mm	4000 mm	2500 mm
SPC-3-4_P	Ss_55_20_34	Yes	No		Gas meters	TBC	Gas Intake Metering Room		1000 kg/m2	4000 mm	4000 mm	2500 mm

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