

VARIABLE SPEED DRIVE – SERVICING AND MAINTENANCE DEFECT REPORT - GENERAL

Ref	Location	Fault	Recommended Action
1	Mechanical Plantroom 5655	Large boxes being stored in front of Variable Speed Drives.	We would recommend removing these boxes so that the Variable Speed Drives can be easily accessed.
2	LV Switchroom – 20 th Floor Transformer Room F21	Cooling in Switchroom is required.	We would recommend installing some form of false ventilation or air conditioning to bring down the temperature in the Switchroom as excessive temperatures will be ultimately damaging to the VSD's.
3	L52 Plantroom – 2 nd Floor	Plantroom is extremely dusty. This dust is pulled through the Variable Speed Drives and eventually this may affect their capacity to function effectively.	We would recommend that the area is cleaned regularly.
4	CHW Pump Room – 12 th Floor	Cooling in CHW Pump Room is required.	We would recommend installing some form of false ventilation or air conditioning to bring down the temperature in the CHW Pump Room as excessive temperatures will be ultimately damaging to the VSD's.
5	CHW Pump Room – 12 th Floor	CHW Pump Room is extremely dusty.	We would recommend that the area is cleaned regularly.
6	Mechanical Plantroom 6621	Plantroom is very hot and this could potentially cause the VSD to overheat and fail.	We would recommend installing some form of false ventilation or air conditioning to bring down the temperature as excessive temperatures will be ultimately damaging to the VSD's.