



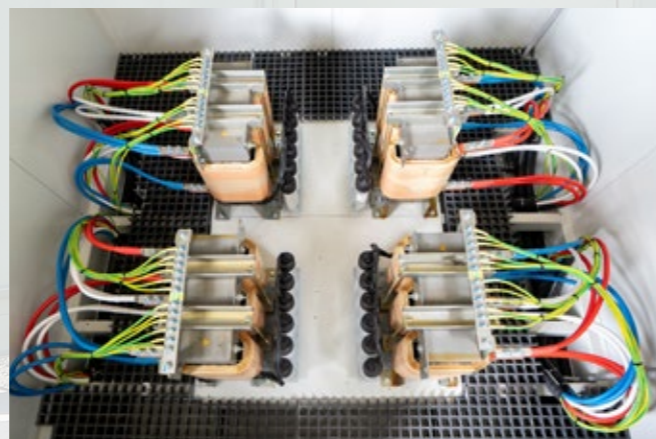
Hermidale Switchrooms

40' & 20' Containerised Switchroom

Containerised de-mountable system for a council pumping station. The project included a 40ft switchroom to house the site MSB and line filters, equipped with externally mounted junction boxes for easy on-site connection. Supporting this is a 20ft container housing VFDs and sine-wave filters. They're separated behind a safety interlocked cage and externally mounted junction boxes for connection to the switchroom and to field equipment.

40ft

20ft



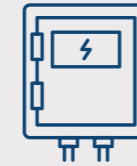
SWITCHROOM SPECIFICATION

Container



Externally mounted junction boxes for easy on site wiring between containers.
Mitsubishi Air Conditioners,
6mm Brass gland plates,
Dulux Rivergum Powdercoated,
Galvanised cable tray
Vinyl flooring

Switchroom Equipment



Installation of 480V 480A, 400HP, 3 phase input filters,
Installation of Danfoss Sine-wave filters
Installation of Toshiba, 450HP, 460V VFDs.

MCC



Form 4a / 2bih MCC,
2000A,
CT Metering,
110VAC & 24DC Distribution,
Allen Bradley ControlLogix PLC,
Red Lion HMI

Fire Detection & Suppression



Supply and installation of FIP Panel,
Smoke Alarms and Room Sensors

Climate Control



Fitted with Mitsubishi Air Conditioners that were sized from detailed heat calculations to achieve year-round consistent temperature control.



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