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## Generator Control / Protection / Auxiliary Panels

Generator control and protection panels are manufactured to suit a wide range of generator applications found across heavy duty gas turbines. Typically the panel contains generator metering, automatic voltage regulators (AVRs), generator protection and synchronising relays. Operator controls and indication are positioned on the panel door.

Auxiliary panels are manufactured to house a variety of sub-systems such as fire & gas and vibration monitoring / protection systems which supplement the control suite.



# Panel Manufacture

MJB design, manufacture, assemble and test control panels to meet our customer requirements. Our engineers and technicians have many years of experience in producing electrical control panels suitable for use on heavy duty gas turbines and associated plant. We design both hardware and software solutions to our customer satisfaction.

All panels are designed and built to recognised standards with quality assured through our ISO 9001:2008 quality procedures.

## Turbine Control Panel

Sentinel C Turbine Control Panels are designed using latest Programmable Automation Controller (PAC) technology at its core and comes complete with an integral condition monitoring package. It offers a field proven open solution as a replacement gas turbine control system for outdated controllers.

Sentinel C models are available as a single controller simplex design or dual redundant hot standby type. Models are available with a choice of PAC. This choice enables MJB to utilise readily available PAC hardware to deliver a formidable control system at the most competitive system costs and our customers the opportunity to keep PAC type uniform throughout their plant.



## Motor Control Centres

MJB offer a range of low voltage MCC designs to suit our customer's requirements from modular (column) design with either fixed or withdrawable drawers suitable for AC or DC use, to back to back type where space is a prime consideration.

All panels are ASTA and KEMA tested, with the enclosures designed and tested to the latest standards.