

## Fire Detection Control Panel Solutions

Patol can design and manufacture control modules and fire & safety control equipment panels and cubicles to meet the requirements of national standards, client specifications or project needs.

This expertise ranges from encapsulated electronics units installed in military vehicles through to multiple bay equipment cabinets integral to the control rooms of power stations, process plants and petro-chemical facilities.



*Multi Zone LHDC control panel, complete with sprinkler control Panel and mimic diagram.  
Construction: Floor standing 19" cabinet with swing frame and glazed door.  
Application: Nuclear Power Station – Cable Flat Protection*



*Special Single Zone Linear Heat Detection Cable control panel, with distance location, complete with PSU/charger and battery backup. The panel was for a tunnel application and the specification stipulated it should be able to withstand flooding up to a depth of 3 metres of water.  
Construction: Stainless Steel 316 - IP68 enclosure.*



*8 Zone LHDC control panel complete with I.S. Barriers. Application: storage tank protection*



Equipment formats can accommodate virtually any particular specification or special project requirement. These aspects include functional features and constructional criteria such as:-

- Mimic Displays
- Special Enclosure – Design and Fabrication
- Industrial / Military – Control Modules
- Anti-Vibration Mounts
- E.M.C. Compliance
- Environmental Protection – I.P. / NEMA Ingress Ratings
- Special Paint Finishes

Quality engineering is inherent within Patol's design & manufacturing regime and certified ISO 9001: 2008. Patol's engineers have considerable knowledge of the rigours & constructional aspects that must be addressed for equipment employed in applications such as:-

- Power Generation
- Heavy Industry
- Underground Rail Systems & Tunnels
- Conveyors
- Escalators
- Food Process Industry
- Waste Recycling Plants
- Petro-Chemical & Tank Storage

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