



TCE CONTROLS

Custom switchboard manufacturing solutions



WEBSITE



**Getting you running,
keeping you safe**

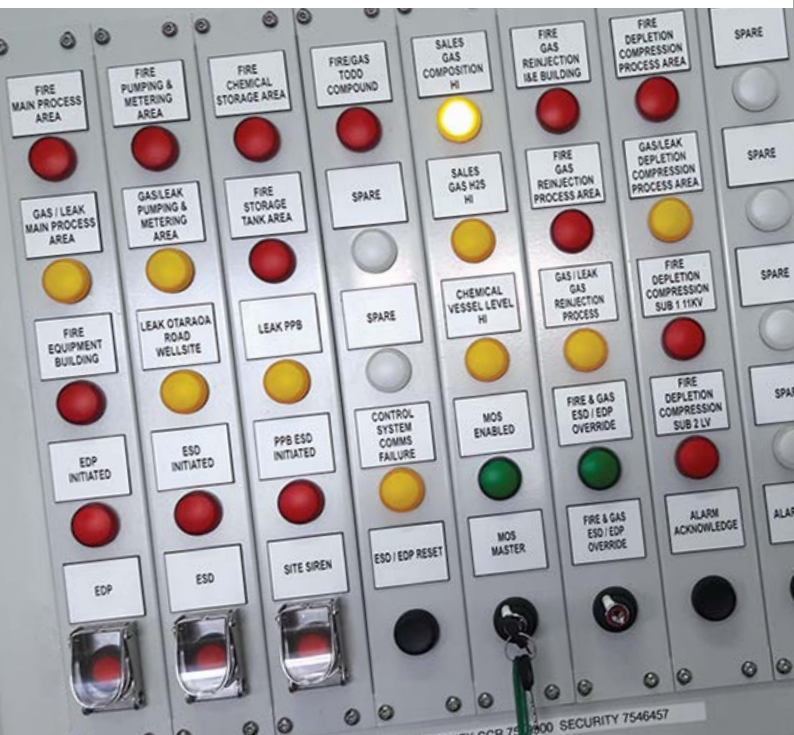
entec.co.nz

Complete in-house manufacturing capability

Entec's switchboard and electrical panel division, branded as TCE Controls, was established in September 2016 to expand Entec's service offering and provide clients with a comprehensive in-house manufacturing capability.

Building on Entec's reputation as a highly regarded provider of I&E project and service solutions, TCE Controls enables a broader scope of supply delivered with greater control, quality, and efficiency. And crucially, with sole source responsibility.

TCE Controls is based at Entec's New Plymouth facility, supporting projects throughout New Zealand and Australia.



Why select TCE controls?

THE WAY WE WORK

TCE Controls is Entec's dedicated electrical manufacturing division, delivering everything from standard control panels to fully bespoke switchboards. We provide a high level of service across the entire design, manufacture, assembly, and testing lifecycle, ensuring every project meets exacting quality and performance standards. Customers are welcome to engage with us throughout the process and are encouraged to participate in factory acceptance testing.

Our flat organisational structure—spanning sales, design, project management, and manufacturing—ensures clear, direct communication and fast decision-making. This enables requested changes to be implemented quickly and cost-effectively without compromising quality.

TCE Controls maintains strong supplier relationships with leading brands such as NHP, Schneider Electric, Eaton, ABB, Siemens, and a wide network of specialised distributors. As a result, every panel and switchboard is assembled using proven, high-quality components from reputable sources—reflecting our commitment to long-term reliability and performance.

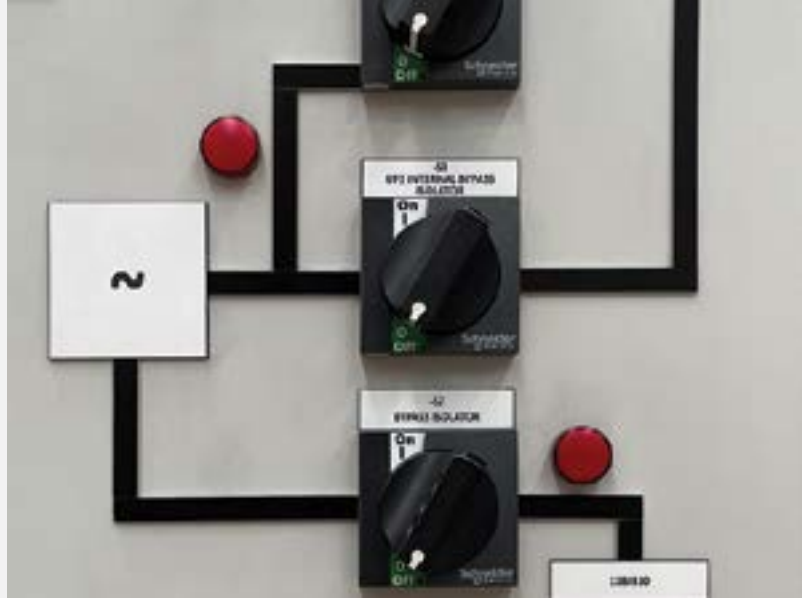
QA & DOCUMENTATION

Every TCE Controls product is supplied with a comprehensive set of as-built drawings and a complete QA dossier, including all relevant certifications, manuals, and documentation.

These records are securely retained in our document library for future reference. TCE Controls is accredited to manufacture fully type-tested modular switchboards up to 7000A.

Products

- + Eaton and Cubic accredited switchboard assemblies to AS/NZS 61439
- + Power distribution panels up to 7000A
- + Motor Control Centres fixed, plug in and withdrawable
- + PLC and DCS control panels
- + Protection panels for High Voltage systems
- + Communications and network cabinets
- + AC LV distribution boards
- + Pneumatic panels



Capabilities

TCE Controls brings end to end capability across design, manufacturing, installation, and service. We work in close collaboration with our clients, focusing on achieving the best outcomes in quality, health and safety, and commercial performance—making us a trusted contributor to any project.

We specialise in the design and manufacture of high quality, bespoke assemblies. Unlike mass-market commercial board suppliers, we focus on complex and interesting scopes where our experience and innovation add genuine value. With more than 25 years' switchboard expertise, we deliver smart, well-engineered solutions, all supported by a comprehensive QA system.

Entec has a robust and proven QA system for its LV switchboard division, TCE Controls, with the following accreditations:

- + Cubic System Builder up to 7000A
- + Eaton System Builder up to 7000A
- + ISO 9001
- + ISO 14001
- + ISO 45001
- + Impac Prequal
- + ISNetwork – Preferred Status





Pneumatic control panels

Entec's I&E team has specialist expertise in designing, manufacturing and installing pneumatic control panel solutions and chemical dosing systems.

Entec's pneumatic and dosing systems have been used in many applications, including:

- + Wellhead hydraulic control
- + Emergency isolation control
- + Pneumatic process control
- + Process chemical injection
- + Bunded systems (self-contained skids)
- + Containerised systems



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