



SWITCHBOARDS AND PANELS

INTRODUCTION

Entec's I&E manufacturing division, branded as TCE Controls, was founded in September 2016. As a highly-regarded provider of Instrumentation and Electrical project and service solutions, Entec established an in-house manufacturing capability in order to offer its customers a wider scope of supply.

TCE Controls is based in Entec's New Plymouth facility, in the heart of New Zealand's energy industry. The philosophy at TCE Controls matches that of its parent Entec:

- to deliver the best products and solutions;
- to employ the best people in the business;
- to ensure satisfaction of our customers, and earn their repeat business.

PRODUCT RANGE

TCE Controls manufactures a full range of switchboards and panels, including;

- Motor control centres
- Generator switchgear panels
- Main Switchboards and distribution boards
- Control panels – electronic and pneumatic
- Remote pumping station control enclosures
- PLC & SCADA panels
- Marshalling and Junction boxes
- Mobile plant rooms
- Onsite modifications and Retrofitting of equipment

TCE Controls is accredited to offer fully type-tested modular switchboards up to 7000A.

WHY SELECT TCE CONTROLS?

From standard panels and boards, through to bespoke switchboards, TCE Controls offers a high level of service to ensure customer satisfaction throughout the process of design, assembly and testing. Customers are welcome to visit TCE Controls throughout the process and are encouraged to participate in factory acceptance tests.

Every product is accompanied with a set of as-built drawings and a QA dossier comprising all relevant certifications, instruction manuals, and documents. TCE Controls also maintains a library of these documents for future reference or safe-keeping.

With a flat structure between sales, design, project management and manufacturing, customer communication is simple and effective. Any requested changes can be quickly and cost effectively managed.

TCE Controls procures componentry from leading suppliers such as NHP, Schneider Electric, Cuthbert Stewart, and many smaller distributors, so that its end products are all assembled from top quality components from reputable sources. This is part of our overall commitment to quality.

ASSOCIATED SERVICES

With its background in heavy industrial and hazardous area I&E, Entec is ideally positioned to offer associated services to TCE Controls customers, such as:

- Electrical system design
- Constructability reviews
- Site installation and commissioning
- Electrical inspections, including EEHA hazardous area inspections
- Maintenance and fault-finding services
- Gas detection systems

KEY INDUSTRIES AND APPLICATIONS

- Oil, gas and petrochemical; upstream, midstream, downstream
- Heavy manufacturing
- Mining, tunnelling and quarrying
- Water and Waste Water networks and plants
- Food and beverage
- Power generation
- Utilities and infrastructure
- Timber processing, pulp and paper
- Commercial buildings

Remote pumping control panel, housed in a heavy duty stainless steel enclosure



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