



ELECTRICAL, INSTRUMENTATION & CONTROL

Study, design, project
and shut down solutions.

Mainstream Engineering (MEL) is a multidiscipline engineering design and project management consultancy. We pride ourselves on delivering effective, safe, value adding solutions that are backed up by our prompt service.



MEL's experienced Electrical, Instrumentation & Control (EI&C) team combine the knowledge and skills of professionally qualified Engineers and Industrial Electrical Supervisors to provide innovative, practical solutions.

We work together with our clients to safely deliver fit for purpose solutions – on time and within budget.

Services

- Full project lifecycle Electrical, Instrumentation & Control services
- Project management
- Shut down/outage planning & supervision
- Capital cost estimating
- Advanced Process Control design
- Dynamic simulation & Operator Training Simulators
- Functional Safety Engineering (TüV Certified)
- Industrial network design & implementation
- Safety Instrumented Systems design & implementation
- Hazardous area design & implementation
- Electrical installation inspections
- Hazardous area installation inspections
- HV, MV & LV switching and reticulation



For more information or to organise a consultation go to
www.mainstreameng.co.nz

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MEL staff work collaboratively with you, applying both technical expertise and practical experience to provide you with the optimal EI&C solution.

Our know-how brings insights to your challenges that help determine the most effective path forward.

Applying engineering and industrial experience, we develop solutions that are both professionally sound and highly practical.

Solutions

Our team can provide:

- Studies, detailed engineering and design
- Project & Portfolio management
- Project execution - construction, commissioning and closeout
- Shutdown planning and supervision

EIC-210630

Experience

We have worked in a broad range of industries including:



Pulp, Paper & Forest Products

Kraft, TMP, Newsprint, Tissue, Recycling & Timber processing



Utilities

Water & Wastewater, Power Generation: Geothermal, Hydro, Nuclear (Commissioning / Decommissioning)



Oil & Energy

Oil & Gas (Traditional, Non-Traditional) and Petrochemical



Food & Beverage

Poultry Meat Processing & Packaging, Dairy (Processing, Drying, Packing, UHT), Breweries, CIP Systems



Mining

Iron Ore, Coal, Materials Handling



Others

Pharmaceutical, Steel Manufacturing, and FMCG



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