



**Versatile • Experienced • Committed**

## Electrical Engineering Professionals

ProTrace offers a full range of electrical engineering services. Our team is experienced in all areas of electrical engineering activities within the industrial sector and can provide expertise in a wide range of markets including oil & gas, petro-chemical, power generation, and mining.

As a group of qualified electrical engineering/design professionals, the ProTrace team is committed to providing the best services possible to our clients, specializing in the following areas:

- Smaller scale projects requiring a high level of expertise and streamlined management
- Operations/maintenance support within existing facilities
- Larger, more complex projects from new facilities to the expansion of existing

Professional engineering services and related deliverables include:

- Electric heat tracing
- Equipment selection/specification
- Electrical building design
- Power distribution (HV/MV/LV)
- Single line diagrams
- Wiring diagrams, schematics
- Cable tray sizing/layout
- Lighting design
- Electrical layout drawings
- Construction power
- Cost estimating, materials management and procurement
- Field engineering & commissioning support

ProTrace also offers specialized in-house personnel that focus on power systems protection and analysis/studies which include:

- Power system modelling (ETAP)
- Arc Flash, Coordination, Load flow and Short circuit studies
- Grounding studies
- Relay settings
- Reliability assessment and studies

What sets us apart from others? We believe it's our commitment to meeting project goals and deadlines in a cost effective manner. Transparent communication with our clients throughout the execution of the project, plus continuous relationship building is the key to success. We believe that satisfied clients are the most important testament to a job well done!

For more information, visit our website at [www.protrace.ca](http://www.protrace.ca).