comco
systems & automation specialists

Engineering Services



At Comco we believe in building trusting relationships with our clients. We realize the real world difficulties our clients face often requires innovative thinking to produce effective solutions that meet their needs in both the short and long term.

Control & Instrumentation Engineering

- Process flow diagrams
- Piping and instrumentation diagrams
- Control system architecture design
- Network and communication system design
- Control panel layout and BOM
- Control system I/O wiring diagrams
- Instrument loop diagrams
- Motor control schematics
- Cable block diagrams
- C&I layouts and general arrangements

Electrical Engineering

- Power distribution system design
- Single line diagrams
- Power studies, incl. coordination, load flow, short circuit, arc flash and energy management
- Electrical equipment sizing and specification
- Power factor correction and harmonic filter design
- MCC, VFD and soft start design
- Electrical room layouts
- Grounding system design
- Lighting system design
- Cable schedules
- Cable tray layouts

Fit for Purpose Design

We provide consulting engineering services as well as design-build turn-key solutions in partnership with an electrical contractor. Quantity and content of engineering design deliverables is determined to meet the exact needs of the project and the client, while adhering to applicable codes and standards.

Project Management

Comco also provides project management services, including frequent and honest communication with our clients and suppliers to ensure positive outcomes for all stakeholders.

Licensed Professional Services

Comco is licensed to perform professional engineering services in multiple Canadian provinces. For projects in the US where stamped drawings are required as part of a turn-key solution, we work with

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APEGA
APEGS Association of Professional Engineers & Geoscientists of Saskatchewan
ENGINEERS GEOSCIENTISTS MANITOBA
Professional Engineers Ontario

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