

ELECTRICAL, INSTRUMENTATION OR CONTROLS ONLY PROJECTS Various Clients | Alberta

The Federation Electrical, Instrumentation, and Controls (EIC) team consists of experienced electrical / instrumentation / controls engineers and designers. The EIC team is an essential component of the overall Federation Engineering team to deliver complete engineering solutions based on our clients' needs.

The Federation EIC team is involved throughout all stages of a project's life. From scoping, to planning, to detailed design – through to construction and commissioning support. The Federation Engineering team leverages project experience which includes MOC projects, small to large greenfield and brownfield facilities and additions, to start-up technologies.

Not only does Federation's EIC team support multi-discipline brownfield and greenfield projects, but they also specialize in executing electrical, instrumentation, and/or controls ONLY projects. Working closely with the client's EIC team, Federation will provide engineering services that include, but are not limited to, fugitive emissions studies, arc flash studies, layout design, load lists, single-line diagrams, three-line diagrams and motor / control schematics, heat trace design, instrumentation and equipment data sheets, control systems and loop diagrams, control narratives, shutdown keys, and any EIC calculation (load, voltage drop, cable / instrument sizing, cable tray fill, transformers, electrical distribution, etc.)

