

ASHER ENGINEERING LTD.

EPCM SERVICES
ENERGY AND INFRASTRUCTURE

ABOUT ASHER

Asher provides multidisciplinary EPCM services to the oil & gas and energy utilities sectors. We have a proven track record of quality work and have been in business for over 25 years.

We offer complete:

- Front End Engineering and Design
- Detailed design and drafting
- Equipment specification and procurement
- Project and construction management
- Construction engineering support
- Regulatory compliance services

We provide services for grassroots projects, as well as facilities and pipeline improvement and expansion projects. We have completed projects throughout Canada and internationally.

Asher Engineering Expertise

Our experience encompasses all types of facilities and pipelines from the source to the

Processing Plants

- Hydrocarbon dewpoint control
- Propane refrigeration
- Joule Thompson plants
- Central dehydration facilities
- Flare systems
- Amine sweetening
- Alternative sweetening systems
- Acid gas compressors
- CO₂ Recovery
- Micro LNG & CNG facilities
- Syngas facilities

Oil Processing Facilities

- Free Water Knockouts
- Treaters
- Tank farms
- Field satellites
- Vapour recovery systems
- Blending

Compressor Stations

- Reciprocating
- Screw
- Large centrifugal
- Field compression
- Blowcases

Oil Pump Stations

- Booster pumps
- High pressure pipeline pumps
- Large field erected tanks

Pipelines

- Oil, gas, HVP, water, multiphase
- Gathering, transmission
- Line heaters and pipeline facilities
- Directional drill crossings
- Steel, lined steel, HDPE, fiberglass, insulated
- Integrity management planning

Custody Transfer Metering Facilities

- Oil LACT units
- Gas meter stations

Wellsite Facilities

- Wellsite metering
- Wellsite heaters
- Separators
- Produced water handling
- SCADA

Water Injection Facilities

- Tankage
- Booster pumps
- High pressure injection pumps
- Filters

Infrastructure

- Bulk fuel storage
- Hydronic and boiler systems
- HVAC
- Water and waste water pipelines
- Water and waste water treatment
- Lift stations

CONTACT ASHER

Head Office

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T2P 0S8

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Power Generation

- PPU
- APU
- Natural gas/LNG and diesel drivers
- Microturbines
- Balance of plant
- Grid connections
- Load studies

Field As-Building

- 3D field scanning
- 3D model rendering
- Orthographic rendering



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ENGINEERING SERVICES

We contribute to projects by performing some or all of the following tasks, as required:

- Feasibility studies
- Evaluation of processing alternatives
- Cost estimating (from preliminary to AFE quality)
- FEED
- Regulatory compliance and submissions
- Equipment specification
- Detailed design and drafting
- Project management, scheduling and cost control
- Procurement
- Construction contract development and management
- Construction inspection and quality control
- Operating and data manual preparation
- Commissioning and start-up
- Operational follow-up
- Training
- Owner's Engineer

Asher Engineering Discipline Expertise

We offer complete engineering services as they relate to the design and installation of pipelines and facilities, including the following disciplines:

- Mechanical
- Process
- Pipeline
- Rotating equipment
- Civil
- Structural
- Instrumentation
- Electrical and Controls
- Automation (SCADA, PLC, RTU, DCS)
- Telecommunications
- Water & waste water design & evaluation

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