

OIL & GAS

INDUSTRY



With dedicated offices in Edmonton and Calgary, Thermo-Kinetics has a strong history of supplying the Oil and Gas marketplace with a wide range of products, services and technical expertise. Targeted at oil and gas industries, pipelines, petrochemical facilities, and refineries, Thermo-Kinetics services the Upstream, Midstream and Downstream segments of the Oilpatch.

UPSTREAM

- Temperature measurement of Observation and Production Wells using downhole thermocouples – single or multipoint, with or without uphole cable
- SAGD (Steam Assisted Gravity Drainage) temperature measurements

MIDSTREAM/DOWNSTREAM

Temperature Monitoring employing thermocouples, RTDs, bi-metal thermometers, non-contact infrared temperature measurement and thermal imaging systems for:

- Process Monitoring (in refineries, power plants, and manufacturing plants)
- High Temperature Furnaces

- CSA approved assemblies for hazardous locations
- Critical Vessel Monitoring - multipoint reactor Thermocouples or thermal imaging
- Sulfur Recovery Units

Controllers, recorders and displays to integrate and monitor a wide range of variables used within the industry

Pressure and Temperature transmitters including wireless as well as Analytical instrumentation and sensors

Level measurement using acoustic wave and radar for:

- Storage tanks, still wells, process tanks, bulk solids, interface measurements, tank farms

THERMO
KINETICS
MEASUREMENT & CONTROL





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Flow measurement of liquid, slurries and gas utilizing electromagnetic, ultrasonic, mass-flow, vortex and variable area flow technology for:

- Process applications
- Water/wastewater applications
- Loading/unloading
- Pipelines
- Pumping stations

E²T Flare Stack Detection Systems using infrared technology

Gas Detection employing infrared, catalytic bead, and electrochemical technologies for:

- Portable health and safety monitoring
- Fixed applications

COMPLIANCE STANDARDS

- ISO 9001: 2008 for sensors
Thermo-Kinetics manufactures
- Our Calibration Lab is ISO 17025 accredited - our calibration procedures and methodology have been vetted and approved by independent auditors.
- CSA approved assemblies for hazardous locations



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