

FIELD SERVICES



AGAT Laboratories

Service Beyond Analysis



AGAT Laboratories is a highly specialized, Canadian-based company that provides analytical laboratory services worldwide. We offer services to the Environmental, Energy, Mining, Industrial, Transportation, Agri-Food and Life Science sectors. With world-class facilities and state-of-the-art instrumentation, our qualified personnel adhere to our mission statement, delivering “Service Beyond Analysis”.

AGAT Laboratories offers a wide spectrum of laboratory services tailored to meet the needs and demands of the Energy sector. With advanced instrumentation and a team of experts, we offer full-service solutions in Oil and Gas Chemistry from the field to the laboratory. Our field sampling services ensure client requirements are always obtained safely and on time.

We offer comprehensive field sampling and testing services for the following applications.

- Regulatory measurement requirements
- Meter calibrations
- Pipeline specifications
- Routine sampling
- Corrosion monitoring
- Plant optimization

Our on-site testing capabilities include:

- Hydrocarbon Dewpoint - Natural Gas (Pipeline/Process)
- Water Dewpoint – Natural Gas (Pipeline/Process)
- Breathing Air Testing (Industrial)
- Millipore Filter Testing (Contaminants in Gas)
- Dissolved Oxygen Testing (Water)
- pH/Conductivity Testing (Water)
- H₂S Concentration by tube or Tutwiler
- Oxygen Testing Gas (Tentative)
- Charcoal Filter Testing (Hydrocarbons)
- Bitumen Testing – Water Cut Per cent
- Noise Testing
- Particulate Testing – Air Quality Monitoring (Workplace)
- Gas Chromatography Analysis
- API/Viscosity Testing

Field Technician Safety

Committed to protecting the health and safety of all of our employees, we ensure that each and every Field Technician has the necessary safety equipment. All Field Technicians are provided with Personal Protective Equipment (PPE). They are trained and certified on safe work procedures for a more productive and collaborative environment.

All of our Field Technicians are in possession of valid certification for the following:

- Transportation of Dangerous Goods (TDG)
- Workplace Hazardous Materials Information Safety (WHMIS)
- H₂S Alive
- First Aid/CPR
- IRP 16 or equivalent

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“Achieving high quality results starts at the sample.”

Our Field Technicians are trained in the proper sampling techniques to ensure the best representative sample is collected in the field and safely delivered to the laboratory. Avoid re-sampling and inaccurate results by utilizing our experts for all your sampling requirements.

Our Field Technicians undergo extensive initial and ongoing training throughout their employment. They are trained to understand the following policies and procedures:

- Site-specific Orientation
- Pre-job Hazard Assessment
- Code of Practices
- Work Alone Policy
- Incident Investigation and Reports

Customized Sample Scheduling

AGAT Laboratories works closely with clients to develop customized sampling schedules to meet their specific testing requirements. We ensure sampling is completed on regular frequency intervals, updating clients regularly on all progress. Where possible, we also schedule Field Technicians to complete multiple jobs en route in order to minimize travel distance and provide clients with the cost-saving benefits of less kilometers travelled.

Field Bar-coding System



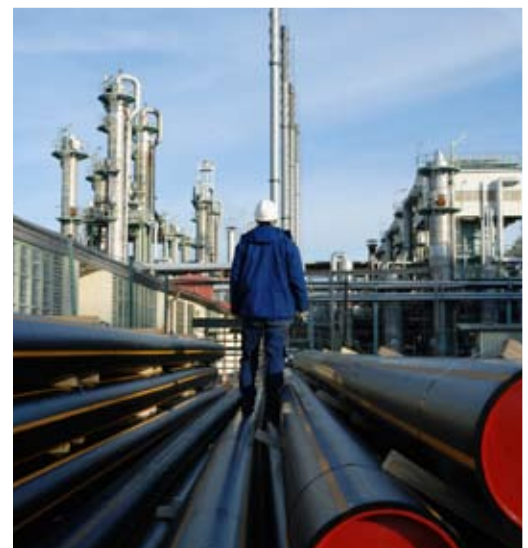
AGAT Laboratories has developed an innovative *Field Bar-coding System* designed to ensure the consistency of sample information at all sampling points.

Bar-code tags are attached to sample points on wells and are scanned into our database with static or fixed header data. Each time the bar-code is scanned, sample point information can be pulled from the database for verification and updating.

This technology not only ensures that consistent header data and samples are taken from the same point each time, but also gives our clients the ability to export to their internal software systems from our database.

Database Management

- Assign sample point identification numbers and sample point properties such as UWI, sample point name, formation, pool/zone, well/facility, company and well licence into the lab database.
- Designate sampling point identification numbers to incoming lab sample containers without needing to provide any other additional information.
- *Field Bar-coding System* reduces room for error associated with transcribing information manually.



Our Mobile Laboratory

AGAT Laboratories' Mobile Laboratory is a portable system capable of delivering fast, accurate, on-site gas analysis. Our mobile laboratory utilizes micro-technology and specialized Gas Chromatographs for high quality field analysis.

The Mobile Laboratory can be transported to any remote location for the on-site process monitoring of:

- Gas Plants
- Refineries
- Batteries
- Well sites
- Compressor installations



Quality control checks and results are done on-site, allowing for accurate decisions to be made quickly in the field. This ensures cost-effective management of project resources and is ideal during situations when analytical turn-around time is critical.

Laboratory Locations

AGAT Laboratories has strategically positioned branch locations across Canada to service key areas in the Oil and Gas Industry. Each of our branch offices has numerous Field Technicians available to meet any of your sampling needs. All of our laboratories house the most modern and state-of-the-art technology available in the laboratory industry.

We have built long-standing relationships and alliances with hundreds of depot locations across Canada. This allows us the ability to offer clients sample pick-up and drop-off locations in any area of operation. These alliances provide our clients with quality service and reliable turn-around times as sample pick-up and shipment is never an issue.



Please note: Our list of depot locations is constantly evolving to ensure our clients are offered the best possible service in all areas of operation.

