

MEASUREMENT & ANALYTICS | ARTICLE

ABB Ability™ Natural Gas Leak Detection Service

For oil & gas industry and other industries



The ABB Ability[™] Natural Gas Leak Detection Service is a cost effective solution with the ability to locate leaks more easily at lower costs, resulting in more efficient repair and lower overall emissions for the customer.

01 MobileGuard™

Reduce methane emissions more efficiently

We help our customers achieve their goals with efficient leak detection surveys that help reduce methane emissions and improve site safety, meet EPA and state-level regulations, and reduce production losses.

Eliminate training & maintenance expenses

With the ABB leak detection survey service, you do not have to worry about training your staff on equipment, maintaining equipment, or working with incomplete results. ABB's service solution reduces the amount of resources required and time to get accurate results.

Get results from industry-leading technology

The ABB leak detection survey service combines the reliability and expertise of the ABB IAMA service organization with mobile leak detection devices that use our industry leading ICOS Analyzer which simultaneously measures both methane and ethane to eliminate false positives.

Let ABB do the work

We provide a complete natural gas leak detection service solution, so you can focus on running your business.

Powered by ABB Ability, we leverage the ABB ecosystem of mobile leak detection technologies – the MobileGuard™ vehicle-based analyzer, MicroGuard™ handheld analyzer, and HoverGuard™ UAV drone-based analyzer - with cloud-based data analytics & reporting, to provide customers with comprehensive information about potential leaks onsite.

How we help:

- The ABB Service engineer conducts the site survey for the customer, saving time and money.
- Customers choose the survey service program that works best for their needs
- Customers own and have access to all of the site survey data

Leaks surveying for industrial operations

Gas leaks in oil & gas assets, processing plants storage tanks and gathering and transmission pipelines, and other industrial assets present serious safety risks and result in lost revenue and profits to operators.

Our ABB Ability™ natural gas leak detection survey service is a digital solution where we access all of our mobile leak detection technologies in the identification of gas leakages to provide optimal safeguarding of both people and the environment.

Surveys can be performed at facilities of all sizes for our customers.

Typical survey assets include:

- production well pad sites
- gathering pipelines
- underground pipelines
- · compressor stations
- above ground tanks
- processing plants
- landfills
- additional and custom survey options available

Off axis ICOS Analyzer Methane / Ethane MobileGuard™ Data Analytics ABB Ability™ Gas Leak detection Service solutions UAV HoverGuard™ Hand-held MicroGuard

Survey Service agreements

We offer multiple survey service agreement options to provide maximum flexibility for ABB to meet your needs. We will also work with you to develop a survey program that best meets your sites and leak detection management needs. Options include:

- Annual & ad hoc survey service agreements for routine or spot-check needs
- Tiered survey service programs available based on the asset & scope of leak survey you need conducted
- Agreement options available for customers who own ABB mobile leak detection analyzers

Benefits of the ABB Survey Service

ABB service capabilities help you get the information you need, fast; so you can keep your sites safe and running under optimal conditions. Key benefits include:

- No equipment training or maintenance with the service offering
- Customer owns the data
- Customer can vary the threshold of detection
- · Cost-effective
- · Cybersecure data
- · Comprehensive solution

Proven performance

Our leak detection survey technology enables ABB to bring you superior service and results.

Contact your local ABB representative today to schedule a survey demonstration at your site.

The ABB Ability[™] Natural Gas Leak Detection service is available in select countries of the Americas and other regions. For more details please contact your local ABB representative.