



The Egyptian Natural Gas Company(GASCO)

GASCO was established on March 16, 1997 pursuant to Investment Law No. 230 of 1989 amended by Law No. 8 of 1997. Since then, the company has been engaged in natural gas transmission, distribution and processing activities.

GASCO Vision

GASCO envisions itself as a leading regional operator of gas transmission systems and gas derivatives recovery plants, with a commitment to leveraging hydrogen technologies and advancing the capture and utilization of carbon dioxide, fostering Egypt's vision as a regional energy hub.

GASCO Mission

- Managing, operating, and developing the gas transmission and distribution systems utilizing the local gas fields and regional gas to secure local supplies and export.
- Providing EPC services for natural gas pipelines networks and its facilities.
- Managing, operating, and expanding natural gas derivatives plants.
- Supplying feedstock solely to the petrochemicals in Egypt.
- Pioneering sustainable solutions through strategic integration of hydrogen and carbon dioxide into our business and driving the transition towards a low-carbon economy.

Who We Are...

The Pipeline Integrity Management Center of Excellence (PIMCOE) was established by GASCO in 2006 and later formed a strategic collaboration with Baker Hughes. This partnership harnesses Baker Hughes' expertise in pipeline inspection technology to deliver comprehensive pipeline integrity management solutions, significantly impacting the Egyptian market. Since 2008, PIMCOE has successfully executed projects abroad, covering the MENA region, and continues to expand its services to support oil and gas companies globally with our team of expert engineers.

In line Inspection Service

At a given point of pipeline, life time, the total of expenditure is related to both planned maintenance and unplanned maintenance.

The optimum expenditure with optimum risk of failure is the lowest point of the total expenditure called (Sweet Spot). The RBIM strategy is to reach this (Sweet Spot).

- Pipeline Proving & Cleaning service

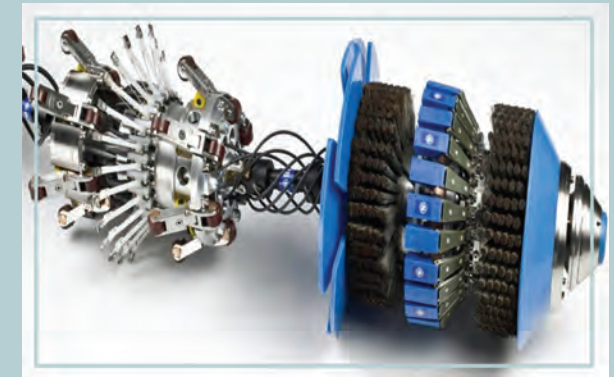
To remove paraffin, wax, deposits debris and condensate from the P.L.

- Inspection Service

Inspection Vehicles have been specifically designed to ensure high resolution inspection of the full circumferential extent of the Pipeline and the detection of metal loss occurrences therein.

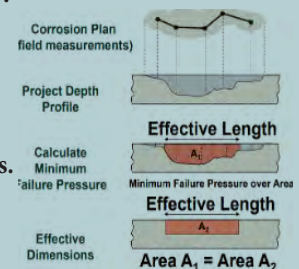
- Inspection Report

The Inspection report presents the sequence of girth welds, metal loss features, metal objects eccentric pipeline casings, dents, girth weld anomalies and repairs detected along the pipeline. Location reference points and changes in the nominal pipe wall thickness are also included in the pipeline report.



Pipeline Integrity Studies

- FFP (Fitness for Purpose).
- CGA (Corrosion Growth Assessment).
- Future Repair Plan.
- Pressure up-rating Studies.
- Post Inspection Dent Assessment.
- Strain Assessment.



GIS System

PIMCOE GIS has been a cornerstone of GASCO's geospatial data management. It has supported critical functions such as pipeline inspections, geospatial data integration, and risk analysis:

- Pipeline Design and Update Management.
- In-line inspection survey Ensures high-accuracy GPS coordinates for pipeline inspected runs.
- Pipeline Inspection Data Management.
- Geospatial Data Integration.
- Geographical Analysis.

GPS Survey & Mapping

The pipeline as built maps are produced by combining inspection survey applying GPS (Global Positioning System) to locate the pipelines and the geographic digital maps of the pipeline routes as a basic layer in the information system.



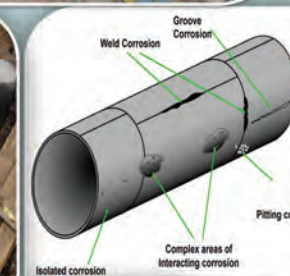
Engineered Composite Repair (ECR) System

• PIMCOE is main provider of Engineered Composite Repair system ECR in Egyptian Oil & Gas sector which provide innovative solutions to repair and rehabilitate assets (pipelines, pressurized vessels, tanks, and other equipment) as well as increasing the integrity level with saving time and avoiding hot work.

• All our composite products and services are being made and applied with the highest performance and according to related codes and standards (ASME-PCC2 / ISO 24817).



Our clients



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