





Company
Profile

About



IPEC (Ideh-Pouyan Energy Co.) is a private company, specialized in engineering and services of the oil and gas industry. Based on the team's high level of expertise in both pipeline and plant services, IPEC is always interested to carry out projects that challenge the engineering society of oil and gas industry. Our capability spans all types of pipeline and process services such as engineering, pre-commissioning, inspection, maintenance and de-commissioning. By employing the most capable and experienced engineers and industry leading processes, we aim to serve our clients with state-of-the-art services.

IPEC employs highly qualified individuals from a variety of engineering disciplines and has strong commitment to training and continuous personal development of its team. Based on the experience of being in the market since 2009, IPEC also has a close contact with local and international partners that assist IPEC carry out the services for the clients.

IPEC will continue to work hard, gain experience and invest in order to see opportunities, capitalize on its strengths and be responsive to environment, community as well as its shareholders. Satisfaction of all people who are related to IPEC, as a client, a customer or a partner is the essential goal of our company to provide the required services.



Scan here to visit
IPEC official
website.

Why IPEC

■ Cost Effective Solution:

Cost is a significant part of each challenge. We will provide you with cost effective solution for any issue in your project.

■ Successful Experience:

Our Good Performance Certificates speaks louder than words!

■ High Quality Experience

Your job will be performed with high quality and meet technical standards.

■ Safety

What is more important than running the project in a safe and secure work place?

■ Commitment

We believe that each project is new partnership. Contract may start and finish but commitment never ends.

■ Full Support

You'll find us staying back-to-back with you until get the job done successfully.

■ Transparency

The flow of information through the organization is accessible to all the people in charge and everyone can contribute to the system.

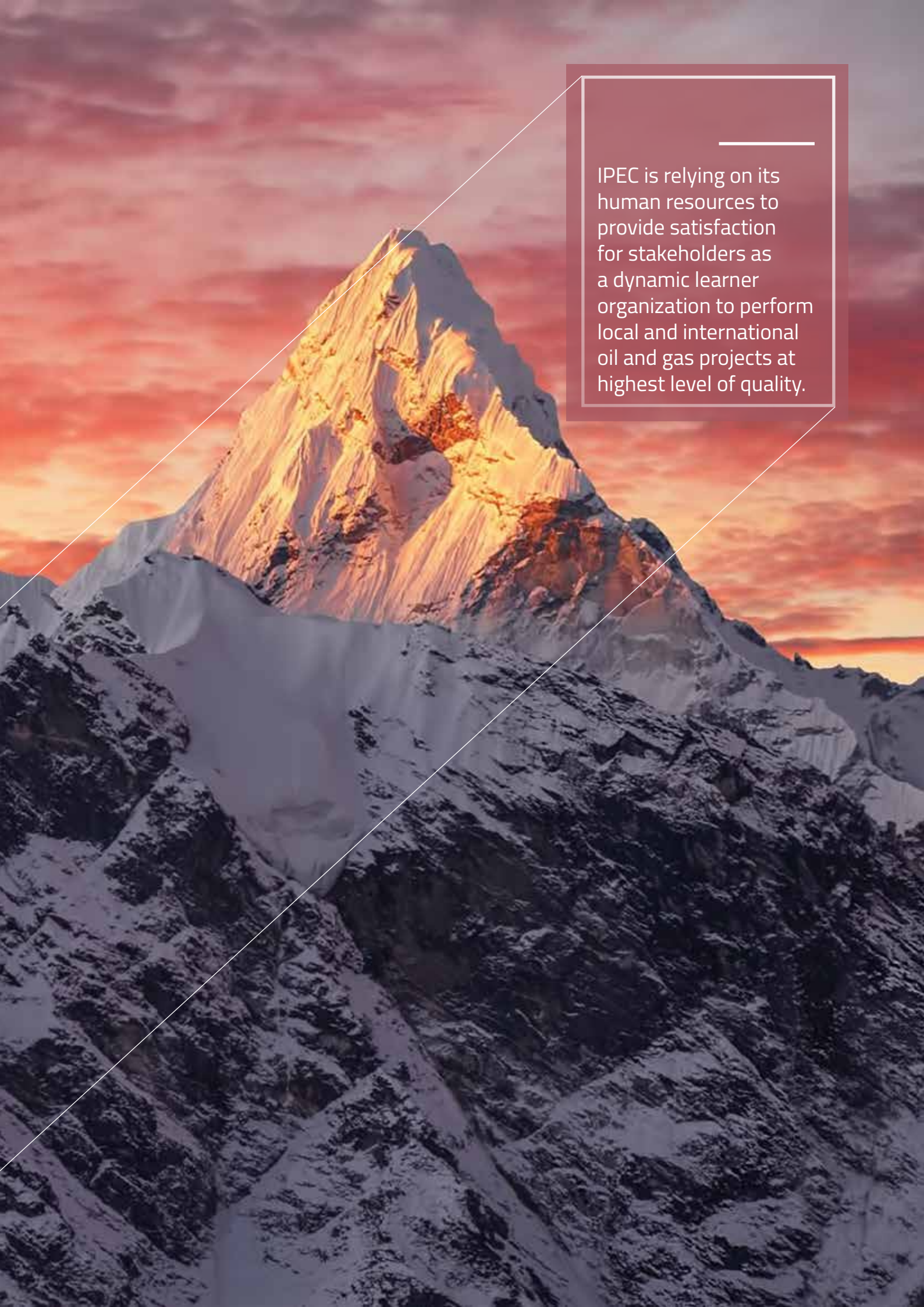
■ Planning & Control

Anytime, anywhere... You may have easy access to your project history and progress by our web-based Project Management Information System.

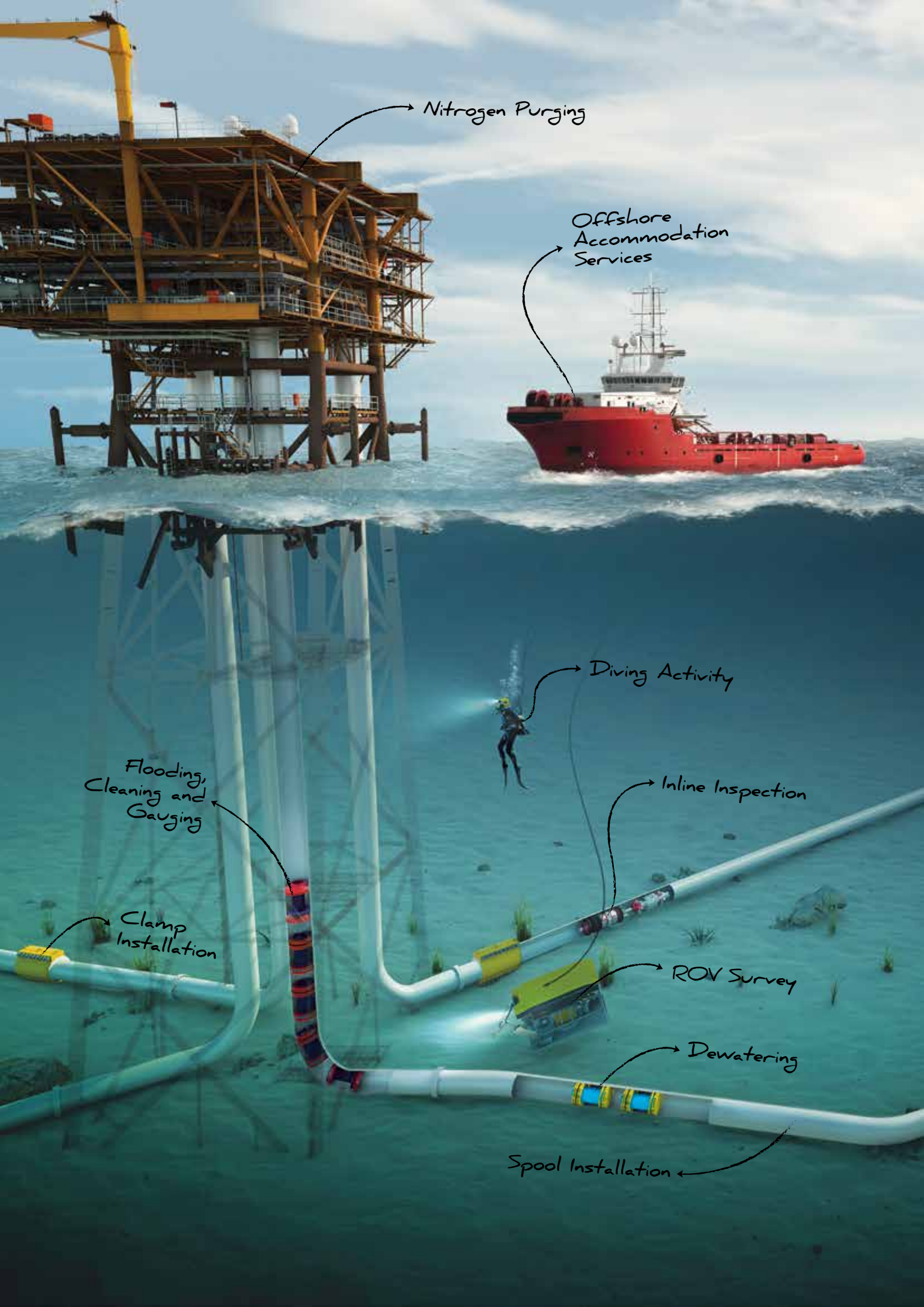
Our Values:

- Maintaining elegance and dignity of human beings
- Meeting stakeholders expectations
- Honesty and integrity between words and actions
- High quality work and client satisfaction

We have had a path with lots of ups and downs since 2009 and we were able to overcome difficulties with hard work and could take big steps towards sustaining and growing our business.



IPEC is relying on its human resources to provide satisfaction for stakeholders as a dynamic learner organization to perform local and international oil and gas projects at highest level of quality.



Nitrogen Purging

Offshore
Accommodation
Services

Diving Activity

Flooding,
Cleaning and
Gauging

Inline Inspection

Clamp
Installation

ROV Survey

Dewatering

Spool Installation

IPEC Pipeline Services

Pre-Commissioning & Commissioning

- Water Filling
- Mechanical Cleaning
- Gauging
- Hydro-testing
 - Strength Test
 - Leak Test
- Desalting & Dewatering
- Swabbing & Drying
 - Super Dry Air
 - Vacuum Drying
- N2 Purging
- Leak Detection
- Pig Rescue
- Pipeline Repair
- Pipeline Commissioning

Preservation & Maintenance

- Pipeline Cleaning
 - Chemical Cleaning
 - Mechanical Cleaning
 - Gel Cleaning
- Revalidation and Rehabilitation
- Pipeline Isolation
- Pipeline Maintenance
- Installation/Replacement of Valves and Fittings
- Hot Tapping and In-line Welding
- Pipeline Tie-in
- Manufacturing and Installation of Launchers and Receivers
- Pipeline Decommissioning

Inspection & Assessment

- Pipeline Integrity Management System (PIMS)
- Inline Inspection
 - Geometry Inspection
 - › Single Phase
 - › Multi-Phase
 - MFL-TFI Inspection
 - UT Inspection
 - › WT Measurement
 - › Crack Detection
- Defect Assessment and FFP/FFS
- Tank Wall/Floor Inspection

Offshore Services

- Engineering and Fabrication of Offshore Spool and Riser
- Riser/spool Installation
- ROV Survey
- Metrology
- Subsea Clamp Installation
- Accommodation Services

IPEC Process Services

Pre-Commissioning & Start-up

- Flushing
- Piping Hydro-test
- Piping Leak Test
- Draining
- Piping Drying
- Start-up

Preservation & Overhaul

- Chemical Cleaning of Piping
 - Dewaxing
 - Degreasing
 - Hot Oil Flushing
 - Acid Wash
 - Decontamination
- Chemical Cleaning of Hydrocarbon Storage Tanks
- Ultrasonic Inspection
- Valve Maintenance and Operational Test
- Decommissioning

Nitrogen Services

- Leak Test
- Purging & Inerting
- Pipe Freezing
- Tank Purging
- Gas Lift







Scan here to view a complete list of IPEC projects.

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- Hendian Oil Field, Offshore Pipeline
- South Pars Phase 12, Onshore Pipeline
- South Pars Phase 19, 4' Offshore Pipeline
- South Pars Phase 22, Offshore Pipeline
- South Pars Phase 17 & 18, Offshore Pipeline
- Reshadat Oil Field Offshore
- Siri - Assalouyeh Onshore Pipeline
- Siri - Assalouyeh Offshore Pipeline
- Mubarak/Salman Field Offshore Pipelines Leak Test/Purging
- South Pars Phase 18, Infield Pipeline
- South Pars Phase 17, Infield Pipeline
- South Pars Phase 19, Offshore Pipeline
- South Pars Phase 15 & 16, Offshore Pipeline

Project Management

Project Management strategy being employed at IPEC is being pursued to achieve the following goals:

- To understand the link between organization strategies and projects
- To be able to manage stakeholders involved in a project
- To appreciate the difference between planning and scheduling
- To break a project down into deliverable sections which should be managed using Work Breakdown Structures (WBS)
- To understand and apply estimating techniques and critical path analysis
- To understand the importance of Risk Management and how to set up an appropriate Quality Management approach for a project
- To understand the importance of the control cycle in managing projects

IPEC's Project Management Office (PMO) has adopted PMBOK as its Project Management benchmark for development of a common lexicon for project management activities. PMO archives lessons learned after each and every project where every individual in the company contributes to achieve a higher level of service quality in the future.



IPEC Project Management Information System

Besides from planning and control software such as MSP and Primavera, IPEC PMO uses a tailor-made web based tool, namely IPEC PMIS which consists of various sections mentioned below:

- Portfolio Management
- Project Management
- Planning and Control
- Legal and Contract
- HR and Administration
- Financial Affairs
- Engineering and R&D
- Procurement
- Workshop and Operation
- QHSE
- Inventory

This web-based software is used to collect, combine and distribute information through electronic and manual means around company authorities. IPEC PMIS is used by upper and lower management to communicate with each other. IPEC PMIS helps plan, execute and achieve project management goals.

Machinery & Equipment

Success in a project depends on employing highly sophisticated people and making required machinery available to them. IPEC currently owns a great fleet of equipment including:

- Oil Free Air Compressor
- Suctions Pump
- Flooding Pump
- Piston Pump
- Power Generator
- Field Instrument
- Drying Unit
- Nitrogen Unit
- Chemical Injection Unit

IPEC also needed to develop some required tools in-house to better satisfy the project special needs. That's why IPEC has developed various equipment, some of them are listed below:

- A state-of-the-art SCADA cabin that is used in pipeline projects to monitor all the data in the workshop.
- Chemical Injection System (CIS) that is equipped with injection pumps and chemical storage tanks to be used for dosing purposes.
- Fuel Distribution System (FDS) which is used to monitor the amount of fuel being delivered to the workshop and the amount of fuel being used or stored in the workshop.
- Break Tank with built-in filtration units to filter sea water down to 50 microns before being treated with inhibitor chemicals.



Scan here to view
a complete list of
IPEC equipment
along with technical
specifications.







QHSE

IPEC is working to provide the clients with highest level of satisfaction and a high degree of safety for our employees and also third parties, as well as minimizing the negative impact on the environment. In order to protect the environment, organizations of all kinds are increasingly dealing with implementing QHSE management system by controlling their OH&S (Occupational Health & Safety) risks and environmental impacts, consistent with their HSE policy and goals.

IPEC's HSE Management System is a systematic approach, which is designed to:

- Ensure compliance with law
- Demonstrate that all hazards are adequately managed
- Achieve continuous improvement in HSE performance

The ultimate goal of HSE Management System implementation in IPEC is to provide safe environment for employees and associated personnel and minimize damage to natural resources. The HSE Management System model comprises the following interrelated components:

- Commitment and leadership and accountability
- Policies and goals
- Organization and resources
- Contractor and supplier management
- Risk management
- Business processes
- Performance monitoring and improvement
- Audits and reviews

During this path, IPEC has achieved the following certificates:

- HSE MS
- ISO 9001
- ISO 14001
- OHSAS 18001



IPEC TOOLBOX

FOR PIPELINE CALCULATION





IPEC, Pipeline & Process Services
www.ipecgroup.net
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IPEC Company Profile
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