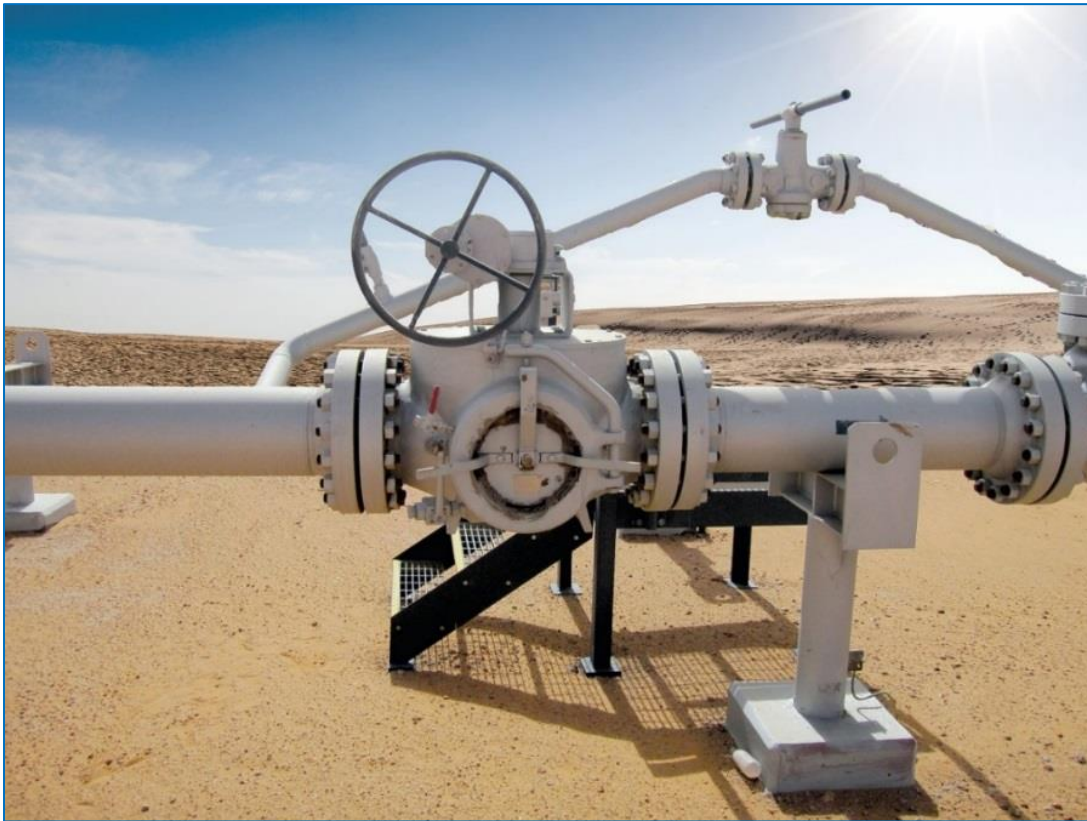




FE035: Pipeline Pigging - Technical & Operational Aspects

Training Description:

The purpose of this course is to provide participants with an introduction to pipeline pigging. The course is suited to participants from all walks of the industry and includes technical and practical information, including the application and concepts of pipeline pigging.

The course will provide participants with information to assist in making the right decisions in the selection of cleaning pigs and ensure the safe operation of existing pigging systems.

Training Objectives:

By the end of the training, participants will be able to:

- ✓ Identify the critical factors that influence maintenance pig selection
- ✓ Specify the appropriate pigs to meet your maintenance pigging program objectives
- ✓ Recognize key pigging facility components and their functions
- ✓ Incorporate proven industry procedures into pigging operations
- ✓ Develop strategies to deal with stuck pigs
- ✓ Design and implement a progressive pigging program

Training Designed for:

This course is intended for Engineers and Pipeline Construction Personnel working in the oil and gas industry this includes Engineers, Technicians, Managers, Supervisors Salespersons, and Inspectors. Anyone needing a basic understanding of pigging technology.

Training Program:

DAY ONE:

- ❖ Introduction
- ❖ Introduction & History of Pigging
- ❖ What is a 'Pig'?
- ❖ Development and reasons for use
- ❖ Different types of pig
- ❖ Pig Traps
- ❖ Launch & Receive of Pigs
- ❖ When & Why do you Pig

DAY TWO:

- ❖ Review of Utility Pigs
- ❖ Feasibility and assessment processes for pigging projects
- ❖ Operational Conditions
- ❖ Effects on pig selection and feasibility
- ❖ Developing a Cleaning & Proving Pig Program Plan
- ❖ Planning a Pigging Project up to and including Inspection Pigging
- ❖ HSE during Pigging Projects & Environmental

DAY THREE:

- ❖ Safety Aspects
- ❖ Inspection Tools

- ❖ Pig Running
- ❖ Signaling
- ❖ Tracking
- ❖ Stuck pig
- ❖ Documentation and Record Keeping

DAY FOUR:

- ❖ Pig Inspection Data Reports
- ❖ Planning and carrying out Verification digs
- ❖ Overview of Unpiggable Pipelines
- ❖ Intelligent Pigging
- ❖ History of Intelligent Pigging
- ❖ Types of Intelligent or Smart Pigging
- ❖ Using smart Pigs in Integrity Management Programs

DAY FIVE:

- ❖ Analyzing and Using Inspection data
- ❖ Pigging Programs
- ❖ Routine Pigging Program
- ❖ Cleaning Pigging Program for Pipelines First Time
- ❖ Cleaning Pigging Program preparing for the Intelligent
- ❖ Pigging
- ❖ Pigging Data Recording
- ❖ Pigging Accessories
- ❖ Course Conclusion
- ❖ POST-ASSESSMENT and EVALUATION

Training Requirement:

“Hand’s on practical sessions, equipment and software will be applied during the course if required and as per the client’s request.”

Contents can be adapted to your specific wishes. It is therefore possible to focus on specific modules of the training course as per client’s learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

Training Methodology:

This interactive training course includes the following training methodologies as a percentage of the total tuition hours:

- 30% Lectures, Concepts, Role Play
- 70% Workshops & Work Presentations, Techniques, Based on Case Studies & Practical Exercises, Gamification, Software & General Discussions
- Pre and Post Test

Training Certificate(s):

Internationally recognized certificate(s) will be issued to each participant who completed the course.

Training Fees:

TBA as per the course location - This rate includes participant's manual, hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Note: The 5% VAT (Value Added Tax), will be effective starting 01st of January 2018 as per the new regulation from the UAE Government. The VAT applies for all quotation both for local and abroad.

Training Timings:

Daily Timings:

07:45 - 08:00	Morning Coffee / Tea
08:00 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:00	Recess (Prayer Break & Lunch)
13:00 - 14:00	Last Session

For training registrations or in-house enquiries, please contact:

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