Pipeline Technology Seminar (Middle East)

Pipeline life-cycle extension strategies
Get a deeper insight into the success story of decades of failure-free and economic pipeline operation

16-17 November 2014
Hilton Abu Dhabi Hotel
Abu Dhabi, United Arab Emirates

Your Course Director
Heinz Watzka

Former Positions:
Managing Director Technical Services, Open Grid Europe (Germany’s largest pipeline operator)
Vice President Maintenance, Ruhrgas
Technical Manager, TAL Oil Pipeline
Project Engineer, ILF Consulting Engineers

organized by
Benefits of Attending
The 2-day seminar gives detailed information about well-approved strategies for a failure-free and economic operation and maintenance of high-pressure oil, gas and water pipeline systems. Germany’s largest pipeline operator Open Grid Europe and different technical experts give an insight into their experiences and new technologies in operation. Main focus topics will be:

• The pipeline life-cycle
• Pipeline integrity management systems
• Leak detection
• In-line inspection
• Repair works
• Stations & Components
• Pipeline safety

Target Group
Engineers, technicians and management staff from pipeline operators. Personnel from authorities or certification bodies involved with pipeline monitoring, inspection, integrity management and repair works. Engineering consultants in all fields of pipeline operation and maintenance.

Language
English

Date
16-17 November 2014, 9:00-16:30

Minimum number of participants
12

Seminar Contact
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Early bird discount
5% till 30.09.2014

Included Services
• Seminar documentation
• Catering during coffee breaks and lunch breaks
• Special dinner invitation
• Certificate of participation

Venue / Accommodation
Hilton Abu Dhabi Hotel
Corniche Rd
PO Box 877
Abu Dhabi
United Arab Emirates
Phone: +971-2-6811900
http://www3.hilton.com

Pricing
The registration fee is 2,800 Euro per persons. Delegates from pipeline operators get a 20% discount on the registration fee. Group packages for 3 and more participants available on request (20% discount on full price). Discounts are not cumulative.

Entry Conditions
Registration is not considered confirmed until payment is received in full. Payment has to be made after receipt of invoice and before the seminar. Registrations can be cancelled (in writing only) free of charge up to 6 weeks before the event. In case of later cancellation or failure to attend the entire attendance fee will be payable. The registered delegate may of course send a substitute at no additional cost. The organisers reserve the right to amend the program of events if necessary.

Picture Credits
Ontras, NDT Systens & Services, Krohne Messtechnik, Open Grid Europe, Gazprom, Rosen Group, JW Marriott Hotel Dubai

About the EITEP Institute
The EITEP Euro Institute for Information and Technology Transfer emerged from the German technical and scientific associations dealing with energy and water. The EITEP Institute organizes Europe’s largest conference and exhibition on new pipeline technologies, the annual Pipeline Technology Conference (ptc). The 10th ptc takes place in Berlin from 8-10 June 2015 (www.pipeline-conference.com).

More information
www.pipeline-seminar.com
Program

Introduction
The course director Heinz Watzka will lead you through the 2-day seminar and will share his experience from managing oil and gas pipeline operators in Germany/Europe. He will be supported by different technical experts who will provide a deeper insight into state-of-the-art technologies in operation and new developments in the international pipeline market.

The seminar starts with an overview on the managerial and technical life-cycle of a pipeline system from the very beginning to the final daily operational works taking into account the fact that some German high-pressure pipeline are now operated for more than 100 years. The following lectures provide details about state-of-the-art internal and external leak detection technologies and other specific pipeline safety measures.

The aim of the second day is to give the participants a comprehensive overview on different inline inspection technologies and well-approved solutions for the comprehensive storage, assessment and analysis of relevant data in a PIMS. The seminar closes with an overview about different repair measures taking into account both safety and economic aspects.

new technologies in operation

Pipeline Integrity Management Systems (PIMS)
Data Alignment • Feature Assessment • Risk- / Conditions Assessment • Integrity Management Plan • Case Studies

Leak Detection
Requirements and performance criteria • External leak detection systems • Internal leak detection methods • Balancing methods • Model-based leak monitoring • Non-balancing leak detection • Comparison of all methods • Emergency shut-down protocols • Case Studies

Inline Inspection (ILI)
Defects in Pipelines • Pipeline Inspection • Non-Destructive Testing Technologies • Pipeline Inspection Tools • New Developments • Pipeline Inspection Procedures • Reporting • Case Studies

new technologies in operation

Repair Works
Plugging and hot tapping • Pipeline evacuation – mobile Compressor • Custom-made component manufacture, welding and inspection • Case Studies

Stations and Components (custody) metering skids, rotating equipment, main pump driver selections, utilization of Drag Reducing Agents (DRA)

Pipeline Safety
Cyber Security • Cathodic corrosion protection and its additional utilization • Right-of-Way monitoring and third party interference prevention • Airborne gas leakage detection • Case Studies
Heinz Watzka started his career with a study in engineering (Msc.) at the Technical University of Vienna in Austria. During his course of studies he specialized in pipeline welding and hydraulic design of pump stations for the oil industry. From 1981 till 1986 he had a job as a work student at ILF Consulting Engineers in Munich. Later on he was a project engineer and manager for oil, gas and water pipeline projects in Nigeria, Turkey, Saudi Arabia, Germany, Libya etc. where he expanded his knowledge in engineering.

In 1991 he collected more experience, when he worked as a project engineer for the hydraulic optimization of the Transalpine Pipeline crude oil system in Germany, Austria and Italy. Three years later he became the Technical Manager of Deutsche Transalpine Gelleitung (TAL) in Munich, Germany till 2002. Concurrently he acted as a consultant for the shareholders BP and OMV in surveys for the Trans Alyeska Pipeline System in Anchorage, Alaska and PARCO Pipeline System in Karachi, Pakistan.

In 2002 he moved from the oil business to the gas business and joined Ruhrgas as a Senior Vice President with the responsibility for the maintenance in the South Region. In 2008 he changed to be the Operation Manager for the complete gas grid in Germany.

From 2010-2013 he was acting as Member of the Board of Directors of Open Grid Europe, Germany’s largest high pressure pipeline operator. There he was responsible for 1,000 technicians and engineers, 12,000 km of high pressure pipelines and 29 compressor stations with 1,000 MW installed power. His main focus was on innovative pipeline pigging systems, leadership in OHS systems (Occupational Health and Safety) and manpower optimization with fleet management and mobile workforce.

In addition to that, Heinz Watzka held a wide range of其它 mandates: President of the coordination committee and member of supervisory board of MEGAL, Member of the supervisory board of TENP, Member of the commercial and technical committee of EVG Thüringen-Sachsen, Member of the coordination committee of TGL TauernGasleitung Salzburg, Member of the board of management of DVGW, Vice President of OPMG at CONCAWE, President of Oil Pipelines Group at DGMK, Co-Chair of the ptc - Pipeline Technology Conference.

**Your Course Director** (will lead through the whole seminar)

**ILF Consulting Engineers**

ILF Consulting Engineers is a independent, fully private owned engineering and consulting company with more than 40 years of experience and ranks among the world’s top engineering companies in its core areas of expertise - oil & gas, energy & climate protection, water & environment and transport & structures. ILF provides comprehensive, full-scope services for major industrial and infrastructure projects and combines world class consulting expertise and a broad international background with project-specific know-how.

**NDT System & Services**

NDT Systems & Services with its business unit NDT Services offers global pipeline services: pipeline preparation and cleaning, geometry inspection, mapping, metal loss and crack detection, integrity assessment and fitness-for-purpose analysis. A network of worldwide operating units, professional project management teams, highly trained crews and data analysts ensure high quality services.

**ROSEN**

ROSEN is a leading privately owned company serving the oil and gas industry with inspection, integrity, and rehabilitation products and services. For over 30 years, ROSEN has provided the industry with advanced inspection and integrity solutions to ensure safe and economical operation of a wide range of assets and facilities. The ROSEN Group operates in more than 100 countries and employs over 2,000 people. Founded by Hermann Rosen in Germany in 1981, ROSEN has been headquartered in Switzerland since 2000. In September 2011, ROSEN celebrated its 30th anniversary.

**GE Oil & Gas**

GE Oil & Gas provides customers with a broad array of power generation, energy delivery and water process technologies. Power & Water works in all areas of the energy industry including renewable resources such as wind and solar, and coal, oil, natural gas and nuclear energy. The business also develops advanced technologies to help solve the world’s complex challenges related to water availability and quality. Numerous products are qualified under ecomagination, GE’s commitment to providing innovative solutions that maximize resources, drive efficiencies and help make the world work better.

**Geomagic**

GEMAGIC is an international IT service provider for utilities. The company combines state-of-the-art IT expertise with experience of energy management and is your professional partner for the development and implementation of solutions in operational and strategic asset management. GEMAGIC contributes its detailed knowledge of the industry to international projects for pipeline integrity management (PIMS).
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**Registration Form**
via Fax: +49 511 90992-69 or Email: ptsme@eitep.de

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**Company**

**Title / First Name / Last Name**

**Position**

**Street**

**Postcode / City / Country**

**Tel**   **Fax**   **E-Mail**

**Pipeline Operator** ☐ yes ☐ no

**Date**   **Signature**

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