Held under the Patronage of
H.E. Dr. Abdul Hussain Bin Ali Mirza, Minister of Oil & Gas Affairs,
Chairman—National Oil & Gas Authority, Kingdom of Bahrain

PIPELINE REHABILITATION & MAINTENANCE™

Gaining maximum integrity & return from assets

www.pipeline-rehab.com

PIPELINE REHABILITATION & MAINTENANCE CONFERENCE AND EXHIBITION

Co-Hosted by:

Supported by:

Sponsored by:

Bahrain International Exhibition Centre
Manama, Kingdom of Bahrain
9–13 December 2007

GAINING MAXIMUM INTEGRITY & RETURN FROM ASSETS

PRE-SHOW GUIDE

www.pipeline-rehab.com

REGISTER BY 9 NOVEMBER FOR $200 DISCOUNT

Owned and Produced by:

Flagship Media Sponsors:
Welcome to Pipeline Rehabilitation & Maintenance Technology Conference and Exhibition

Current high oil and gas commodity prices make oil spills and vapor escapes from operating pipelines more costly than ever before. At the same time, public and governmental pressures on pipeline operators to protect air, water, and ground environments have never been greater.

The convergence of these factors heightens the need for pipeline operators to share experiences in monitoring and controlling system flows and diagnosing and rehabilitating lapses in line integrity. As Middle East producers and processors ramp up their operations to meet greater hydrocarbon energy demand, this conference stands as an established and leading forum in bringing together operating and service companies and their technical and management personnel to learn the latest and best in pipeline rehabilitation and maintenance.

The previous eight conferences have firmly established the value and need for an international specialised meeting to examine issues centered on the fitness for purpose question of oil and natural gas transmission lines.

Frances Webb
Event Director
PennWell Petroleum Group

Advisory Board

MuhammadAli Trabulsi
Saudi Aramco, Saudi Arabia

Mohammad Sultan Al Qahtani
Saudi Aramco, Saudi Arabia

A. Rahman A. Rahim M. Ahmed
BAPCO, Bahrain

Mohamed Al Jamea
BAPCO, Bahrain

Kamal Morsi
ADNOC, UAE

Sid Taylor
Incal Pipeline Rehabilitation Inc., USA

Warren True
Oil & Gas Journal, USA

László Csizinszky
Corrocont Group, Hungary

Roland Palmer Jones
Penspen Andrew Palmer, UK

Michael Beller
NDT Systems & Services AG, Germany

Heinz Watzka
E.ON Ruhrgas AG, Germany

Mike Dale
MACAW Engineering, UK

Thomas Jung
Statoil ASA, Norway

Thank you to our Sponsors...

Co-Hosted by:

Saudi Aramco

Sponsored by:

Clock Spring®

Registration Sponsor:

Flagship Media Sponsors:

Oil, Gas & Petrochem Equipment

Offshore

Supported by:

www.pipeline-rehab.com
INFORMATION FOR VISITORS

About Bahrain

Bahrain has a prosperous economy based on its key industries of aluminium, oil and gas, metal and ship building and repair, financial services and tourism. Its major trading partners are Saudi Arabia, United States, India, Japan, UK, France, and South Korea.

Having been the first country in the region to discover oil in 1932, Bahrain’s economy is now well diversified and the country is less dependent on oil than most other Gulf states. Petroleum production and processing in Bahrain accounts for about 60% of export earnings, 60% of government revenues and 30% of the country’s GDP (currently $25,300 per capita). Source: FCO, UK

Bahrain is strategically located at the heart of the key oil and gas markets in the Gulf, in particular Saudi Arabia and Qatar, making it an ideal location to host the 9th annual Pipeline Rehabilitation & Maintenance conference and exhibition. With its highly developed communication and transport facilities, Bahrain is home to many multinational companies.

In 2004 Bahrain signed the US–Bahrain Free Trade Agreement, with which the US intends to eliminate certain barriers to trade between the two nations.

Who should attend Pipeline Rehabilitation & Maintenance?

- Senior executive decision makers from international and regional oil and gas companies
- Pipeline inspection and maintenance engineers and managers
- Pipeline operators
- Operations managers and supervisors involved in planning and scheduling pipeline transmission
- Coating and corrosion engineers
- Service and equipment suppliers

HOW DO IREGISTER?

- Register FREE for the exhibition at www.pipeline-rehab.com
- Register yourself and your colleagues as conference delegates by 9 November and benefit from a $200 EARLY BIRD DISCOUNT
- Either register online at www.pipeline-rehab.com, mail or fax back the form on page 10 to +1 918 831 9161

This registration is valid for Pipeline Rehabilitation & Maintenance and Oil & Gas Maintenance Technology

ON-SITE REGISTRATION HOURS

Workshop Only: Sunday 9 December 2007 07:30–17:00
Monday 10 December 2007 14:00–18:00
Tuesday 11 December 2007 07:30–17:30
Wednesday 12 December 2007 08:00–17:30
Thursday 13 December 2007 08:00–16:00

HOTEL INFORMATION

The Diplomat Radisson SAS Hotel & Spa
BD 88 Single / BD 93 Double

InterContinental Bahrain
BD 60 Single / BD 68 Double

Crowne Plaza Bahrain
BD 60 Single / BD 68 Double

Rates subject to availability and only available via www.pipeline-rehab.com

EXHIBITION OPENING HOURS

Monday 10 December 2007 16:30–18:30
Tuesday 11 December 2007 10:00–17:30
Wednesday 12 December 2007 10:00–17:30
Exhibiting at Pipeline Rehabilitation & Maintenance will provide opportunities to:

- Meet strategic decision makers face-to-face
- Build relationships with clients and potential clients
- Raise brand awareness in the market place
- Source new suppliers and business partners

Other exhibitor benefits:

- Company listing on BOTH event websites
- Listing in the official 2007 Conference Programme – including company contact details and a 30-word description of your company

Who will attend?

- Senior executive decision makers from international and regional oil and gas companies
- Inspection and maintenance engineers and managers
- Pipeline operators
- Operations managers and supervisors involved in planning and scheduling pipeline transmission
- Coating and corrosion engineers
- Service and equipment suppliers

What does it cost to exhibit?

**Shell scheme:** $425 per square metre. Shell scheme includes:
- white wall panels, fascia board with company name, 1 socket, 3 spotlights, carpet, 1 table, 2 folding chairs, 1 waste paper bin and basic stand cleaning
**Space only:** $350 per square metre

Enhance your presence at the event

**Sponsorship opportunities**

As one of our show sponsors, you’ll benefit from increased association with the maintenance industry in the Gulf.

Whether your company is already well established in the Middle East or new to the region, we can tailor a unique sponsorship package that meets your event objectives.

To reserve your exhibit space call your local representative:

Event Director
Frances Webb
Phone: +44 (0) 1628 810 562
Fax: +44 (0) 1628 810 762
Email: francesw@pennwell.com

Jon Franklin (UAE, UK, Ireland, Scandinavia)
Phone: +44 (0) 1992 656 658 or +44 (0) 7985 229 324
Fax: +44 (0) 1992 656 700
Email: jfranklin@pennwell.com

Jane Bailey (Middle East, Europe & Asia)
Phone: +44 (0) 1992 656 651 or +44 (0) 7983 388 367
Fax: +44 (0) 1992 656 700
Email: janeb@pennwell.com

Peter Cantu (North America)
Phone: +1 713 963 6213
Fax: +1 713 963 6201
peterc@pennwell.com

**ADVERTISE IN PENNWELL’S FLAGSHIP MEDIA SPONSOR TITLES**

Boost the profile of your brand or company by taking advantage of special advertising rates in the flagship media sponsor titles: Oil & Gas Journal, Oil, Gas & Petrochem Equipment and Offshore magazine. All three titles will benefit from bonus distribution at the event.

Oil & Gas Journal
Print: +1 713 963 6274
or +1 713 963 6293
Digital: +1 713 963 221
www.ogj.com

Oil, Gas & Petrochem Equipment
Print: +1 713 963 6223
Digital: +1 713 963 6221
www.ogpe.com

Offshore magazine
Print: +1 713 963 6206
Digital: +1 713 963 6208
www.offshore-mag.com

www.pipeline-rehab.com
Workshop A: Introduction to In–Line Inspection of Pipelines

Level: In–Depth Introduction

Course Content

1. Introduction

2. Flaws and Defects in Pipelines
   2.1 Pipeline materials
   2.2 Types of pipelines
   2.3 Geometric Anomalies
   2.4 Metal Loss
   2.5 Cracks and Crack–Like Defects
   2.6 Leaks
   2.7 Failure Modes

3. Pipeline Inspection
   3.1 Hydro- and Stress testing
   3.2 In–line Inspection
   3.3 External Inspection

4. Non-Destructive Testing and In–Line Inspection
   4.1 Metal Loss Survey Tools
   4.1.1 Magnetic Flux Leakage Tools
   4.1.2 Ultrasound Tools
   4.2 Ultrasound Technology
   4.3 Inertia or Mapping Tools
   4.4 Caliper Tools
   4.5 Crack Detection Tools

5. In–Line inspection Tools
   5.1 Overview of tools (pictures)
   5.2 Overview of vendors

6. Pipeline Inspection Procedures
   6.1 Planning an inspection
   6.2 The Technical Questionnaire
   6.3 Preparing the Pipeline for an Inspection
   6.4 Tool Traps
   6.5 Pipeline Cleaning
   6.6 Pipeline Gauging
   6.7 Performing the Inspection
   6.7.1 Batching
   6.7.2 Tracking
   6.7.3 Safety
   6.7.4 Launching, Receiving etc.
   6.7.5 Data Check

7. Reporting
   7.1 Data Evaluation
   7.2 Sample Report
   7.3 Feature Localization
   7.4 Feature List
   7.5 Final Report: What do you get
   7.6 Verifications

8. Integrity Assessment
   8.1 Assessment of metal loss Defects
   8.2 Crack Assessment
   8.3 Run Comparisons
   8.4 Corrosion Growth reports and estimated lifetime

LITERATURE

Exercises
The course also includes a workshop session and exercises covering the following topics:
- Which Tool Does What?
- How to read Tool Data and Defect Specification Sheets
- Preparing an Inspection Project
- Data Analysis and MAOP

Lecturers:
- Dr Michael Beller
  NDT Systems & Services AG
  Am Hasenbiefel 6
  76297 Stutensee
  Germany

- Dr Konrad Reber
  TÜV Rheinland
  Industrie Service GmbH
  Am Grauene Stein
  51105 Köln
  Germany

Aim: The course will provide an in–depth introduction into the subject of the in–line inspection of pipelines. The delegate will learn which part in–line inspection plays in the overall pipeline inspection and pipeline maintenance procedures. The course will introduce the flaws and anomalies observed in pipelines. In–Line inspection tools and the various physical principles they use will be covered in depth.

The material covers details on a pipeline inspection operation, including pipeline preparation, cleaning, gauging.

Final Reports, Reporting Formats are discussed. The course also includes an introduction into data analysis, integrity assessment and run comparisons. Special emphasis is placed on using data obtained from in–line inspection tools.

Target Group: Pipeline Engineers, technicians or other interested personnel from operators. Engineering consultants active in the field of NDT and Integrity Assessment. Personnel from the authorities or certification bodies involved with pipeline inspection and assessment.

Duration: 2 days
Workshop B: An Updated Look at Pipeline Rehabilitation

A two-day intensive course on current pipeline rehabilitation techniques being used around the world. The course features in-depth coverage of the engineering aspects of in-situ pipeline rehabilitation including topics such as working over operating pipelines, raising and lowering operating pipelines and determining safe operating parameters for reconditioning operating pipelines. Case studies of pipeline rehabilitation projects from around the world are presented and analyzed.

Draft procedures for performing field pipeline rehabilitation are included in the course materials. Ten popular pipeline coating systems are compared based on physical and application properties. A model for determining total applied costs of a coating allows the student to develop a cost comparison of the coatings for a specific project. In-plant rehabilitation of old pipelines is discussed including inspection methods to determine fitness for re-use.

ABOUT THE AUTHOR

Sid Taylor is the president of Incal Pipeline Rehabilitation, Inc., and has over 30 years' experience in the design and development of automated high-pressure water jet cleaning and coating systems. Sid has been awarded numerous U.S. and foreign patents for inventions in pipeline coating removal, surface preparation and coating application, has written and presented over 45 technical papers on pipeline rehabilitation, many of which have been published by leading industry journals.

Workshop C: Maintenance of Pipelines Valves and Actuators

Valve Reliability
- Application
- Service Conditions
- Type of Valves
- Functionalities
- Materials
- Standards Overview
- Selection Methods
- Valve Reliability- Case Study
- Open Discussion

Valve–Actuator Sizing
- Standards
- Challenges in proper sizing
- Cost-Effective sizing
- Safety Considerations
- Operability and maintainability
- Case-study
- Open discussion

Actuator Reliability
- Application
- Service Conditions
- Type of actuators
- Functionalities
- Materials
- Standards overview
- Selection methods
- Actuator reliability–case study
- Open discussion

Actuator Maintenance
- Preventive maintenance for Gas Operated Actuators
- Predictive maintenance for Motor Operated actuators
- Obsolescence criteria
- Maintenance optimization

ABOUT THE AUTHOR

Essam Al-Arfaj is a Pipeline Engineer with experience in valve and actuators engineering design, maintenance and operations. Mr Al-Arfaj graduated in Mechanical Engineering, specialized in Industrial Applications of valves and actuators, and has worked in Saudi Aramco Pipelines Maintenance and Engineering Departments. He has been involved in the valve actuator market since 1995, covering different positions then. Today he is working with Pipelines Specialist Unit as Valve Specialist.

Pablo Genta is an Instrumentation and Control Engineer with experience in design, start-up and operations of control systems in gas treatment plants, and pipelines facilities in Middle East and the Americas. After obtaining his MS Degree in Electrical Engineering, Mr. Genta worked in process automation in the manufacturing industry. Since 1994 he worked for various engineering companies in oil & gas projects. He has published articles and papers on pipelines technologies, safety protection systems (ASSE) and solar energy technologies (WRENQ). In 2003 Mr. Genta joined Saudi Aramco with the Pipelines Department as Instrumentation and Control engineer.

SUMMARY

Target Group:
Pipeline engineers, technicians and other personnel from pipeline operators and the oil and gas industries that deal with maintenance and operation of pipeline valves and actuators. Engineering consultants, inspectors and integrity assessment personnel from certification authorities involved with pipeline inspection and assessment.

Aim:
This workshop will provide an introduction into maintenance and reliability aspects of pipelines valve and actuator through the presentations and analysis of case-studies taken from Saudi Aramco facilities. The delegate will be able to get acquainted of numerous applications of valves and actuators in the vast Saudi Aramco pipeline network. The lecturers will introduce the challenges that operators and maintenance personnel face with the different valve and actuator technologies and how preventive and predictive maintenance help optimizing the maintenance job. This workshop will also provide an overview of various sizing techniques for valve and actuators and the importance of proper sizing to achieve reliability. This workshop is intended to develop in an interactive manner between lecturers and audience facilitating the exchange of experiences and discussion of the case studies presented. Photographs and engineering details are also provided.

www.pipeline-rehab.com
H.E. Dr. Abdul-Hussain Bin Ali Mirza
Minister of Oil & Gas Affairs and Chairman of National Oil & Gas Authority, Kingdom of Bahrain
15:00, Monday 10 December

H.E. Dr. Mirza was appointed Minister of Oil and Gas Affairs in December 2006. Before that he was appointed Minister of State in 2002 and Minister of Cabinet Affairs in 2004. Prior to naming him a Cabinet Minister he was Chief Executive of Bapco. Dr. Mirza hold a PhD in Change Management from the U.K.

Dr. Mirza is still Chairman of the NOGA and was previously Minister of State (Cabinet Affairs).

Dr Mustafa Alsayed
Chief Executive, BAPCO

Dr Al-Sayed holds a Ph.D. in Industrial Management from the UK, a MSc. in Industrial Management from Ireland and a BSc. in Mechanical Engineering from the UK.

Dr. Al-Sayed is currently the Chief Executive of the Bahrain Petroleum Company B.S.C. and is also a fellow Member of the Bahrain Society of Engineers.

Mr Amer Al Sulaim
Executive Director of Industrial Services, Saudi Aramco

Mr Al-Sulaim holds a B.S. degree in Civil Engineering from KFUPM and an M.S. degree in Construction Management from the University of Washington. He attended the Executives Management Program at Cornell University in 1989.

Mr Al-Sulaim started his career with Saudi Aramco back in 1976. He held several management positions in the areas of Engineering, Inspection, Oil producing, Pipelines, Project Management, Quality Management, Marine, Mechanical Services, training and his current position is The Executive Director of Saudi Aramco’s Industrial Services organization.

Mr Al-Sulaim is also the Chairman of the Saudi Quality Council. He chaired two international Quality conferences and is very active in change management.

www.pipeline-rehab.com
Tuesday 11 December

Session 1 – Managing Pipeline Integrity
Chair: Warren True, Chief Technology Editor – LNG/Gas Processing, Oil & Gas Journal, USA

09:00 Welcome
Warren True, Chief Technology Editor, LNG/Gas Processing, Oil & Gas Journal, USA

09:10 Inspection of Existing Pipeline Systems Including Upgrade to State-of-the-Art
Markus Rieder, ILF Consulting Engineers, Germany

09:50 Identification, Quantification and Defect Assessment Found in NGL Pipelines
Fernando Vicente, Eduardo Risso, ABB Full Service®, Argentina

10:30 Refreshment Break

11:10 Total Pipeline Integrity Management System– PETRONAS Gas Berhad’s World Class Practices
Mohd Nazmi bin Mohd Ali Napiiah, Mohd Nazir bin Mohd, Nor PETRONAS Gas Berhad, Malaysia

11:50 Managing Integrity of PDO Main Oil Lines – Challenges
Nabeel Ruwaidi, PDO, Oman

12:30 LUNCH HOSTED BY

Session 2 – Evaluating Pipeline Integrity
Chair: Dr Konrad Reber, TÜV Rheinland Industrie Service GmbH, Germany

14:00 Benchmarking on Pipeline Integrity Management System – A PETRONAS Gas Berhad’s Experience
Mohd Nazmi bin Mohd Ali Napiiah, Md Aidi bin Rais, PETRONAS Gas Berhad, Malaysia

14:40 Metal Loss Defect Assessment in Heated Pipeline: A RPA-LLC Methodology Case Study
E.S.M. Nicoletti, A.G. Souza, Petrobras Transporte S.A., Brazil

15:10 Refreshment Break

15:40 “See through the Earth Technology” for Pipeline Integrity Inspection
Svetlana Kamaeva, Transkor-K, Russia
Paul Jarram, Hitech Engineering Materials and Systems Ltd, UK

16:20 New Multi–Technology In–Line Inspection Tool for the Quantitative Wall Thickness Measurement of Gas Pipelines
A. Barbian, NDT Systems & Services AG
M. Beller, Stutensee, Germany
H. Willems, F. Niese, Fraunhofer Gesellschaft, Germany

17:00 End of Day One
Session 3 – Pipeline Operation Problems
Chair: Dr Michael Beller, Global Marketing Manager, NDT Systems & Services, Germany

09:00 The Hydration Phenomena in the BGT–1 Pipeline
Misfer Al-Otaibi, Saudi Aramco, Saudi Arabia

09:40 Effects of Black Powder on Pipeline Integrity and Operations
Abdelmounam Sherik, Saudi Aramco, Saudi Arabia

10:20 Refreshment Break

11:00 Application of Integrated Wireless Nano Sensors in Oil Pipeline Integrity Monitoring
Bonny B. N. Umeadi, School of Architecture & Construction
Dr K. G. Jones, University of Greenwich, UK

11:40 Forecasting Failure Models for Pipelines through Neutron Diffraction–Based Stress Assessment Tools
Pablo Genta, Saudi Aramco, Saudi Arabia
Massimo Rogante, Rogante Engineering Office, NDT, Italy

12:20 LUNCH HOSTED BY

Session 4 – Cleaning and Coating of Pipelines During Rehabilitation
Chair: MuhammadAli Trabulsi, General Manager, Pipelines Dept., Saudi Aramco, Saudi Arabia

13:40 Rehabilitating Large Diameter Gas and Oil Pipelines in a Plant Installation
Igor Alexeevich Kramarenko, Kubangazificatia, Russia
Irina Koroleva, Incal Pipeline Rehabilitation, Inc., Germany

14:20 Pipeline Debris, Short Term and Long Term Solutions
Laurence Abney, Halliburton AS, Norway
Allan Browne, Halliburton, UK

15:00 Refreshment Break

15:30 Application of In–Situ Coating for Internal Carbon Steel Pipelines in Saudi Aramco
Bakr. S. Hammad, Saudi Aramco, Saudi Arabia

16:10 MAIN OIL LINES (MOLs) COATING REHABILITATION Selection of Coating System to Enhance MOLs Integrity
Ali Mohamed El Kordi, Mahmoud El Al fy, Ibrahim Washash
Abu Dhabi Company for Onshore Oil Operations (ADCO), United Arab Emirates
Thursday 13 December

Session 5 – Repairing Pipelines During Rehabilitation
Chair: Bader Al Dossary, Head Corrosion Engineer, BAPCO, Bahrain

09:00 Pipeline Repair Methods and Requirements (Case Study)
Nadhir I. Al-Nasri, Saudi Aramco, Saudi Arabia

09:40 Repair Methods of Damaged Steel Pipes Applied in Slovak Transmission Gas Pipeline
P. Bernasovsk, Welding Research Institute, Slovakia
P. Simko, Slovak Gas Industry, Slovakia

10:20 Refreshment Break

11:00 Use of SmartPlugs to Isolate Operating Pipelines for Construction and Maintenance Activity
Mark Sim, TDW Offshore Services AS, Norway

11:40 Response for Recovering a 28" Gas Pipeline Damaged due to Debris Flow
Ruben Montano, Petrobras, Bolivia

12:20 LUNCH

Session 5A – Repairing Pipelines During Rehabilitation (Continued)

13:40 Predictive Maintenance through Smart Electrical Valve Actuators
Pablo D. Genta, Saudi Aramco, Saudi Arabia

14:20 Best Practice in Managing Stress Corrosion Cracking on Gas Pipelines
Jaime P. Perez, Saudi Aramco, Saudi Arabia

15:00 Refreshment Break

Session 6 – Rehabilitation Process and Procedures
Chair: Sid Taylor, President, Incal Pipeline Rehabilitation Inc., USA

15:30 The Challenges of Designing and Installing High Pressure Gas Pipelines Through Inshore
David McGlone, BAPCO
Shallow Waters in Bahrain

16:10 Saudi Aramco Rehabilitation Strategy and Construction Best Practices
Abdullah M. Al- Ghamdi, Rami M. Al–Moaike1, Saudi Aramco, Saudi Arabia

16:50 Closing Remarks
17:00 Close of Conference
**Exhibitor List**

**Company Name Booth Number**

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Booth Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>3X Engineering / Well Flow</td>
<td>47</td>
</tr>
<tr>
<td>AFI – Alaa For Industry</td>
<td>1</td>
</tr>
<tr>
<td>Albab Trading</td>
<td>2</td>
</tr>
<tr>
<td>AMISTCO Separation Products Inc.</td>
<td>7</td>
</tr>
<tr>
<td>Circle Technical Services</td>
<td>37</td>
</tr>
<tr>
<td>Clock Spring Co. L.P.</td>
<td>30</td>
</tr>
<tr>
<td>Corroco Ltd</td>
<td>28</td>
</tr>
<tr>
<td>Crystal Engineering</td>
<td>32</td>
</tr>
<tr>
<td>Furmanite</td>
<td>4</td>
</tr>
<tr>
<td>Global Anti Corrosion Techniques</td>
<td>38</td>
</tr>
<tr>
<td>Company Ltd (GLOBETECH)</td>
<td>44</td>
</tr>
<tr>
<td>Grand View Consultants</td>
<td>46</td>
</tr>
<tr>
<td>Gulf Strategic Partners W. L. L.</td>
<td>52</td>
</tr>
<tr>
<td>Hempel Paints Saudi Arabia</td>
<td>25</td>
</tr>
<tr>
<td>Incal Pipeline Rehabilitation, Inc</td>
<td>41</td>
</tr>
<tr>
<td>Lord &amp; Partners</td>
<td>34</td>
</tr>
<tr>
<td>Metcor</td>
<td>42</td>
</tr>
<tr>
<td>MQS Mohammed M. Al-Qarni Sons Co.</td>
<td>8</td>
</tr>
<tr>
<td>NDT Systems &amp; Services AG</td>
<td>19</td>
</tr>
<tr>
<td>Okazaki</td>
<td>49A</td>
</tr>
<tr>
<td>OSV Engineering Pte.</td>
<td>29</td>
</tr>
<tr>
<td>OZ Optics Limited</td>
<td>6</td>
</tr>
<tr>
<td>Pan Gulf Valve Services Co. Ltd</td>
<td>16</td>
</tr>
<tr>
<td>Pan Gulf Welding Solutions</td>
<td>35</td>
</tr>
<tr>
<td>PennWell Corporation</td>
<td>17</td>
</tr>
<tr>
<td>Perry Equipment Corporation</td>
<td>9</td>
</tr>
<tr>
<td>Power Torque Engineering Ltd</td>
<td>27</td>
</tr>
<tr>
<td>Protem</td>
<td>40</td>
</tr>
<tr>
<td>RGB</td>
<td>57</td>
</tr>
<tr>
<td>Rosen Inspection Technologies</td>
<td>21</td>
</tr>
<tr>
<td>Rovsing Dynamics</td>
<td>45</td>
</tr>
<tr>
<td>Saudi Aramco</td>
<td>22</td>
</tr>
<tr>
<td>Serba Dinamik Sdn Bhd</td>
<td>51</td>
</tr>
<tr>
<td>Spetsneftegaz NPO JSC</td>
<td>48</td>
</tr>
<tr>
<td>SureStream Flow Assurance Services</td>
<td>33</td>
</tr>
<tr>
<td>Tadpole Technology</td>
<td>43</td>
</tr>
<tr>
<td>Technip</td>
<td>41</td>
</tr>
<tr>
<td>Trouvay Cauvin Gulf</td>
<td>31</td>
</tr>
<tr>
<td>Uranus Engineering and Technical Services, Inc.</td>
<td>36</td>
</tr>
<tr>
<td>Virgilio Cena &amp; Figli</td>
<td>29</td>
</tr>
<tr>
<td>Weicon GmbH</td>
<td>26</td>
</tr>
<tr>
<td>Wepco Alkhorayef Group</td>
<td>39</td>
</tr>
</tbody>
</table>

*List correct as at 23 August 2007*

Register free at [www.oilandgasmaintenance.com](http://www.oilandgasmaintenance.com) or [www.pipeline-rehab.com](http://www.pipeline-rehab.com)
2007 Registration Form
9 - 13 December 2007
Bahrain International Exhibition Centre
Manama, Kingdom of Bahrain

PLEASE COMPLETE IN BLOCK LETTERS

FIRST NAME: ...........................................
LAST NAME: ...........................................
JOB TITLE: ..............................................
ORGANISATION: ....................................
ADDRESS: ..........................................................................................................................

COUNTRY: ..............................................
POSTAL CODE: ....................................... TELEPHONE: ..............................................
TELEFAX: ..........................................................................................................................
E-MAIL: .............................................................................................................................

For information on corporate packages for more than 20 attendees contact Cary Shipley
Phone: + 1 918 832-9220
Email: carys@pennwell.com

3 ways to register:
Pre-register online before
4 December 2007.
Register on site
after 4 December 2007.

1. Type of Company or Organization:
☐ 10 Oil/Gas company
☐ 20 Consulting Company
☐ 30 Contractor
☐ 40 Engineering/Construction
☐ 50 Financial
☐ 60 Service/Supply
☐ 65 Government/Library/Education
☐ 70 Other

2. Job Function:
☐ 01 Production
☐ 02 Management (CEO, Pres, VP)
☐ 05 Engineering/Technical/Geoscience
☐ 06 Superintendent/Field Professional/Foreman
☐ 10 Purchasing/Consulting
☐ 12 Other

3. Areas of Interest/Involvement:
☐ 10 Exploration
☐ 01 Production
☐ 05 Drilling
☐ 07 Petroleum/Production
☐ 10 Exploration
☐ 11 Refining
☐ 15 Refining
☐ 18 Gas Transmission
☐ 22 Software/Services
☐ 23 Pipeline/Transportation
☐ 25 Gas Transmission
☐ 26 Process/Production
☐ 29 Gas Processing
☐ 30 Utilities
☐ 31 Pipeline/Transportation
☐ 32 Software/Services
☐ 33 Oil/Gas/Utility/Exploration
☐ 34 Oil/Gas/Utility/Exploration
☐ 35 Oil/Gas/Utility/Exploration
☐ 36 Oil/Gas/Utility/Exploration
☐ 39 Financial

4. Purchasing Role:  ☐ Specify  ☐ Recommend  ☐ Approve  ☐ None

Conference Fees:

1. Individual Delegate (Full Conference Registration)*
   Includes:
   • Access to all Conference Sessions
   • Access to the Exhibition Hall, (Ticketed)
   • Coffee breaks in Exhibition Hall
   • Delegate lunch on Tuesday, Wednesday and Thursday
   Paid By 09 November 2007 $1,375
   Paid After 09 November 2007 $1,575

2. Corporate Plan (Group of 10 Delegates)*
   Includes:
   • Access to all Conference Sessions
   • Access to the Exhibition Hall, (Ticketed)
   • Coffee breaks in Exhibition Hall
   • Delegate lunch on Tuesday, Wednesday and Thursday
   Paid By 09 November 2007 $10,310
   Paid After 09 November 2007 $11,810

3. Pipeline Rehabilitation Workshop Attendee
   • Access to pre-booked Workshop on the corresponding day(s)
   • Luncheon on corresponding day(s) (Ticketed)

Two Day Workshop (Workshops A & B) $1,225
   Workshop A - Introduction to In-line Inspection of Pipelines -
   2 days 9th & 10th December
   Workshop B - An Updated Look at Pipeline Rehabilitation -
   2 days 9th & 10th December

One Day Workshop (Workshops C) $595
   Workshop C - Reliability & Maintenance of Pipelines
   Valves and Actuators - 1 day: 9th December

4. Exhibitor/Delegate (Full Conference Registration)
   • Exhibit booth staff can upgrade their registration to include access to the
   conference and includes:
     • Access to all Conference Sessions
     • Access to the Exhibition Hall, including move-in and move-out
     • Coffee Breaks in Exhibition Hall
     • Delegate Lunch on Tuesday, Wednesday and Thursday (Ticketed)
   Paid By 09 November 2007 $1,375
   Paid After 09 November 2007 $1,575

5. Exhibit Floor Only (Dec 10 - 12)  ☐ Free

TOTAL PAYMENT AMOUNT

Total payment amount in cash
(in US funds only): ____________________

Payment must be received prior to conference. If payment is not received by
the conference date, the registration fee must be guaranteed on charge card
until proof of payment is provided. Make check payable to PennWell/Pipeline
Rehab 2006. Cancellation: Cancellation of registration must be received in
writing. Any individual, exhibitor or corporate registrations cancelled before
9 November 2007 will receive a 50% refund of registration fee. After 9
November, 2007 no refunds will be permitted. Substitutions may be made at
any time by contacting the registration office in writing.

* Your full-price registration fee includes a one-year paid
subscription to Oil & Gas Journal (US$ 69.00 value).

Method of Payment:
☐ Check enclosed (US$ only) ☐ Wire (Wire information will be provided on invoice)
Credit Card:  ☐ Visa  ☐ Mastercard  ☐ American Express  ☐ Discover

Credit Card Number: ...........................................
Expiry Date: ............................................

Full Name (as it appears on card): ...........................................

Card Holder Signature: ...........................................
(Required for credit card payment)

(Required for credit card payment)