



World  
Refining  
Association

a **CLARION** company  
EVENTS

ABU DHABI, UAE 12-14 JANUARY 2009

# PLANT MAINTENANCE IN THE MIDDLE EAST 2009 2ND ANNUAL MEETING



## KEY SPEAKERS

**Alaedin Abbas**, Vice President for Maintenance and Technical Service Affairs, **ABU QIR FERTILIZERS COMPANY**

**Nagendra Prasad Tiwari**, Vice President, Engineering and Maintenance, **RELIANCE INDUSTRIES LTD**

**Yaqoob Al Hadhrami**, Mechanical Head, **OMAN POLYPROPYLENE**

**Nabeel Ali Akbar Alsyed**, Superintendent Maintenance Division, Jiddah Refinery, **SAUDI ARAMCO**

**Mohammed Sulaiman**, Field Maintenance Manager, **DOLPHIN ENERGY**

**Ismail Al Hammadi**, Maintenance Manager, **RUWAIS PLANT DIVISION (ABU DHABI GAS INDUSTRIES LTD) GASCO**

## Benefits of attending

- **KEEP** updated with the latest maintenance strategies from a speaker panel that consists of over 80% operators who are willing to share their experiences with you.
- **HEAR** in-depth case studies from senior-level maintenance experts from regional operators such as SAUDI ARAMCO, GASCO, SABIC, ADGAS, DOLPHIN ENERGY to find out how to optimise your plant maintenance, to prevent product loss and increase profitability.
- **LEARN** how to enhance your plant reliability and asset management at our dedicated Workshop with distinguished speaker panel.
- **MEET** with 150 professionals from major regional and international companies to build useful contacts and share common goals.
- **SELECT** a Roundtable of your choice and discuss in depth the maintenance issues that are relevant for your operations with a dedicated Chairmen and fellow colleagues.

[www.wraconferences.com/pm09](http://www.wraconferences.com/pm09)

EVENT SPONSORS:





# PLANT MAINTENANCE IN THE MIDDLE EAST 2009

## WHY THIS CONFERENCE?

With 150 senior level maintenance experts taking part in its inaugural conference, the Plant Maintenance in the Middle East Conference will once again become the meeting place for senior personnel of the region's leading operating companies. The 2nd Annual Meeting is going to be the essential place for you to gain a complete overview of the latest strategies which are implemented in plants to guarantee their successful, safe and profitable operations. Join us in Abu Dhabi from 12-14 January 2009 to do business with key maintenance leaders.

In today's climate choosing the most suitable maintenance strategy is essential for companies to manage their assets whether it is for a refinery, gas treating, petrochemical or fertilizers plant. With growing costs for projects, skilled man power and material shortages, it is now more important than ever for existing facilities to undergo continuous modernisation and optimisation to ensure smooth running without product loss or environmental damage.

Also high on the agenda are shutdown and turnaround planning and scheduling systems. Most inspection and basic maintenance work can be carried out while the plant is being run. But there will be a time for every plant when a facility has to undergo a scheduled shutdown and turnaround for major maintenance work. The costs of shutdown and turnaround can sometimes exceed 40% of the total maintenance budget and the delay in start-up can cause a loss of operating profit. That's why this maintenance phase has to be well planned, effective and time efficient. Attend Plant Maintenance in the Middle East Conference to hear case studies about successful completion of such process outages from our executive speaker panel.

As well as the formal conference sessions there will also be roundtable discussions lead by maintenance experts. The interactive open discussions will provide you with the opportunity to exchange ideas and information with our panel of senior personnel on key issues affecting your operations.

With numerous social occasions including: coffee breaks, lunches and an evening cocktail reception, all designed to provide you with excellent opportunities to develop useful business contacts, this really is THE must attend conference for all involved in the industry.



## ABOUT THE WORLD REFINING ASSOCIATION

The World Refining Association has achieved worldwide recognition for the organisation of high level, strategic and technical conferences within the downstream oil and gas sectors. Our industry events are renowned as market leaders for the refining, petrochemical and processing industry globally.

Due to our strong and long standing relationships with governments and all of the major oil and gas producers worldwide, we ensure our events consistently tap into the key issues affecting the industry and we bring together the principle influencers to share their thoughts, ideas and vision with you, our audience.

Our annual conferences take place across the globe in Europe, CIS, Russia, Middle East and Asia. They take centre stage in the oil and gas calendar together with our awards which are increasingly becoming a sought after commodity to highlight best practice excellence within the industry.

## WHO SHOULD ATTEND?

- Plant and Operation Directors and Managers
- Maintenance Team Leaders, Engineers, Supervisors
- Heads of HSE, Security Managers
- Rotating Equipment Engineers
- Reliability Specialists
- Condition Monitoring Engineers
- Vibration Engineers and Analysts
- Equipment Specialists and Superintendents
- Planning Engineers and Superintendents
- Project Engineers and Managers
- Licensing and Technology Directors and Managers
- Business Development Directors and Managers

## 2007 CONFERENCE TESTIMONIALS

The 2007 Plant Maintenance in the Middle East Conference was an excellent conference. I especially liked the business card exchange that gave me the opportunity to meet and introduce myself to the other delegates.

**Ali Saad Al Zahrani, Electrical and Instrumentation Superintendent, Chairman of SABIC Instrumentation Process and Control Network Committee, SAUDI ARABIA FERTILIZER COMPANY (SAFCO)**

The Plant Maintenance in the Middle East 2007 Conference was very well organised, giving much more experience and possibility to meet fellow practitioners than any other event in the GCC region.

**Abdulrahman Al Ghamdi, Engineering and Project Superintendent, TASNEE PETROCHEMICALS**

The 2007 Plant Maintenance in the Middle East Conference was a great platform to share maintenance views and was excellently facilitated.

**DD Choudhary, Maintenance Manager, ABU DHABI REFINERY, TAKREER**

## MONDAY 12 JANUARY 2009

### NEW FOR 2009: PLANT RELIABILITY AND ASSET MANAGEMENT WORKSHOP

08:00 Registration and coffee

09:00 Opening welcome address and business card exchange

#### 09:15 Session one: Asset inspection, treatment and failure prevention in the Middle East

- The application of Through Life Asset Management (TLAM) in the Gulf Region - ways to save owners and contractors time and minimise their operational costs.
- Eastern Petrochemical Company outline the benefits of Total Plant Care (TPC) which aims to proactively steer maintenance and operation activities.

Ali Al Amrah, Senior Mechanical Engineer, **EASTERN PETROCHEMICAL COMPANY (SHARQ)\***

10:30 Coffee break

#### 11:00 Session two: Risk based approaches to plant inspections and integrity management

- Risk Based Inspection Planning - Approach and Implementation for ADGAS LNG Plant.
- The key business drivers and business and asset management objectives for companies operating within the Middle East.

Romer Osmar Gil Figuera, Head of Corrosion and Inspection, **ABU DHABI GAS LIQUIFICATION COMPANY (ADGAS)**

Jürgen Rumpf, RBI Project Manager, **TÜV NORD**

12:30 Lunch

#### 14:00 Session three: Excellence in asset management, optimising plant assets

- Moving away from preventative maintenance to a more predictive approach.
- RCM Analysis. A joint case study highlighting the first online real-time RCM analysis in a Middle Eastern LNG plant.
- Effectively managing and developing turnaround executions. A look at turnaround best practices with detailed research findings.

Sunny John, Senior Consulting Engineer, **DET NORSKE VERITAS (DNV)**

John Alkemade, Director European Operations, **ASSET PERFORMANCE NETWORKS**

15:30 Coffee break

#### 16:00 Session four: interactive panel session – summary and key learnings

Summary of workshop key learnings and in-depth discussions between the audience and Workshop speakers.

17:00 Close of workshop

19:00 Pre-conference registration and welcome reception

## DAY ONE: TUESDAY 13 JANUARY 2009

08:00 Registration and coffee

09:00 Opening welcome address and business card exchange

#### 09:15 Session one: Maintenance strategies in the Middle East – world class management approaches

- Best maintenance practices and mechanical integrity for the chemical process industries. Reliance Industries provide details on the benefits of the importance of a good maintenance practice.
- Evaluation of current maintenance challenges for the chemical and petrochemical industries. Borealis provide internal and external benchmarking data on how to evaluate and achieve a world class status.
- Best maintenance practices within the Maintenance Department of Saudi Arabia's IBN SINA National Methanol Company. Case study review where 85% of the maintenance requirements are carried out by in-house personnel.

Herman Aerts, Operational Excellence Manager, Plant Availability, **BOREALIS GROUP**

Nagendra Prasad Tiwari, Vice President, Engineering and Maintenance, **RELIANCE INDUSTRIES LTD**

Abdullah Al Soufi, Maintenance Manager, **IBN SINA NATIONAL METHANOL COMPANY**

10:40 Coffee break

#### 11:10 Session two: Shutdown and Turnaround techniques in the Middle East – moving forward to excellence: Part A

- Capital project integration during shutdowns. A case study concerning the implementation of an environmental project taking into consideration engineering, procurement, and execution of construction activities.
- Shutdown Management Software – a means for optimising costs and managing the predictability of large-scale projects. Case study: SAMREF.
- Total refinery shutdown (TRS). A case study of Jiddah Refinery where planned shutdowns take place every five years with pre-activities starting almost two years prior. Key learnings will be shared.

Alaedin Abbas, Vice President for Maintenance and Technical Services Affairs, **ABU QIR FERTILIZERS COMPANY**

Frederik van Steenberg, Manager Sales, **PDM GROUP**

Nabeel Ali Akbar Alsyed, Superintendent Maintenance Division, Jiddah Refinery, **SAUDI ARAMCO**

12:40 Lunch

#### 14:10 Session three: Shutdown and Turnaround techniques in the Middle East – moving forward to excellence: Part B

- The successful Turnaround of refining units. Shazand Arak Refinery provides a case study example of how to save 3 days off your Turnaround of a hydrocracker unit.
- Risk management in Turnarounds. A research study looks at the effective risk management in a critical component for the delivery of excellence in Turnarounds.

John Alkemade, Director European Operations, **ASSET PERFORMANCE NETWORKS**

Saied Mahjoubi, Technical Studies Manager **NATIONAL IRANIAN OIL REFINING AND DISTRIBUTION COMPANY (NIORDC)**

15:30 Coffee break

#### 16:00 Session four: Roundtable discussions

Created specifically for interactive open discussions providing the opportunity for increased information exchange.

##### ROUNDTABLE 1: ROTATING EQUIPMENT MAINTENANCE AND UPGRADING

Roundtable leader: Yaqoob Al Hadhrami, Mechanical Head, **OMAN POLYPROPYLENE**

##### ROUNDTABLE 2: PUMPS APPLICATION, OPERATION AND TROUBLESHOOTING

Roundtable leader: Parminder Singh Bhalla, Senior Mechanical Maintenance Manager, **QATAR FUEL WOQOD**

##### ROUNDTABLE 3: SHUTDOWNS AND TURNAROUNDS MANAGEMENT

Roundtable leader: Alaedin Abbas, Vice President, **ABU QIR FERTILIZERS COMPANY**

17:00 Close of day one and social networking reception



For the latest confirmed speakers and conference programme visit [www.wraconferences.com/pm09](http://www.wraconferences.com/pm09)

## DAY TWO: WEDNESDAY 14 JANUARY 2009

08:00 Registration and coffee

09:00 Business card exchange

### 09:10 Session five: Achieving best-in-class in process and environmental control

Chairman: Mohamed Daoud, Team Leader Quality Control, Engineering and Major Products Division, **ABU DHABI COMPANY FOR ONSHORE OIL OPERATIONS (ADCO)**

- The use of Key Performance Indicators (KPIs) in driving maintenance and helping to develop a learning culture. GASCO examples and experiences will be discussed.
- On-line analysers: the key to successful process optimisation, product quality and environmental control.
- International HSE regulation versus national regulation for the downstream industry in the Middle East - how to run an effective safety programme. Using maintenance data to strengthen HSE predictions.

Mohammed Sulaiman, Field Maintenance Manager, **DOLPHIN ENERGY**

Ismail Al Hammadi, Maintenance Manager, Ruwais Plant Division, **ABU DHABI GAS INDUSTRIES LTD (GASCO)**

10:30 Coffee break

### 11:00 Session six: Maintenance and troubleshooting for successful operations

- Optimised shutdown of gas turbines to minimise its duration for minimal disruption to production. Overcoming failure of gas turbines via detailed failure mode analysis.
- A review of pump applications, operations and troubleshooting. Start up, regular and preventive maintenance of the pump operations.
- Plant Maintenance and Oil Condition Monitoring including: an overview and basic understanding of oil analysis. Review of commonly applied OCM tests and expected benefits from OCM implementation.

Parminder Singh Bhalla, Senior Mechanical Maintenance Engineer, Technical Department, **QATAR FUEL (WOQOD)**

Syed Nadeem Ahmed, Power Plants Engineer, **PAKISTAN INTERNATIONAL AIRLINES**

Abid Dunganwalla, Technical Manager Middle East, Laboratory Manager, **INSPECTORATE INTERNATIONAL**

12:30 Lunch



### 14:00 Session seven: Reliability and value driven maintenance: Part A

- TAKREER provide an overview of their approach in applying root cause analysis for sea water cooling system revamps.
- The use of IR fusion technology in reliable thermography PPM ensuring reliable and affordable maintenance within your plant.
- Case study overview of the Norske Shell service contract for Ormen Lange and Heidrun.
- Failure of powder discharge vessels: case study. Oman Polypropylene provide details of lessons learned during repair and maintenance.

Vicente Ribeiro, Business Development Manager, **FLUKE**

Mohammed Siddiqui, Inspection Engineer, **ABU DHABI REFINERY DIVISION (TAKREER)**

Ragnar Aarlien, BU Manager Oil, Gas and Petrochemicals, **ABB**

Yaqoob Al Hadhrami, Mechanical Head, **OMAN POLYPROPYLENE**

15:15 Coffee break

### 15:45 Session eight: Reliability and value driven maintenance: Part B

- Enhancing productivity during plant maintenance: cutting edge MRO solutions. Root Cause Analysis Process - methodology and benefits – case study.
- Vital for the separation process of wax from base oil, the usual maintenance downtime for replacing rotary vacuum filters is 3 days, however with ongoing maintenance we take a look at how the downtime can be greatly reduced.
- Proactive failure analysis and performance improvement. The proactive failure analysis philosophy, concept and techniques will be revealed through a case study review.

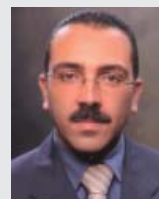
Saeid Salmanizadegan, Head of Mechanical Maintenance, **SEPAHAN OIL COMPANY**

Ahmed Khalifa, Maintenance Planning and Control Department Head, **SEDI KERIR PETROCHEMICALS COMPANY (SIDPEC)**

17:00 Closing address and close of conference

\* Subject to final confirmation

## SOME OF THE SPEAKERS YOU WILL MEET:



**AHMED KHALIFA**, Maintenance Planning and Control Department Head, **SEDI KERIR PETROCHEMICALS COMPANY (SIDPEC)**



**NAGENDRA PRASAD TIWARI**, Vice President, Engineering and Maintenance, **RELIANCE INDUSTRIES LTD**



**NABEEL ALI AKBAR ALSYED**, Superintendent Maintenance Division, Jiddah Refinery, **SAUDI ARAMCO**



**HERMAN AERTS**, Operational Excellence Manager, Plant Availability, **BOREALIS GROUP**



**MOHAMMED SIDDIQUI**, Inspection Engineer, **ABU DHABI REFINERY DIVISION (TAKREER)**



**ISMAIL AL HAMMADI**, Maintenance Manager, Ruwais Plant Division, **ABU DHABI GAS INDUSTRIES LTD (GASCO)**

I would like to thank the WRA for organizing an excellent gathering of the most relevant companies in the GCC oil and gas downstream industry. The Conference proved for me to be most beneficial and I would certainly like to attend it next year.

**Hasan Atiyah Al Ghamdi**, Reliability Inspection Section Head, **SABIC – AR RAZI**








# REGISTRATION FORM

## PLANT MAINTENANCE IN THE MIDDLE EAST 2009

### 2ND ANNUAL MEETING

ABU DHABI, UAE 12-14 JANUARY 2009

#### 5 EASY WAYS TO REGISTER

 [www.wraconferences.com/pm09](http://www.wraconferences.com/pm09)  The World Refining Association, 4th Floor, 86 Hatton Garden, London, EC1N 8QQ  
 +44 (0) 20 7067 1800 or +44 (0) 1242 529 090  +44 (0) 20 7430 9513 or +44 (0) 1242 582 157  [y.hare@theenergyexchange.co.uk](mailto:y.hare@theenergyexchange.co.uk)

#### REGISTRATION FEE

- 3 Days – 2nd Annual Meeting and Workshop £1390, \$2989, €2085  
 2 Days – 2nd Annual Meeting £995, \$2139, €1493  
 1 Day – Workshop Only £495, \$1064, €743  
 I am unable to attend but would like to purchase the proceedings £400, €600, \$840

Please note: dollar and euro prices are given as a guide and are subject to exchange rate fluctuation. VAT will be charged at the appropriate rate where applicable.

#### DELEGATE DETAILS

Title	First Name	Last Name	Job Title	Email

To register more than 3 delegates, please photocopy this booking form. Group discounts are available from more than 3 registrants, please email [y.hare@theenergyexchange.co.uk](mailto:y.hare@theenergyexchange.co.uk) for further information.

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Company Name \_\_\_\_\_

Nature of Business \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State/County \_\_\_\_\_

Country \_\_\_\_\_ Zip/Postcode \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_

**Authorised by** \_\_\_\_\_ **Signature** \_\_\_\_\_

Company CEO / MD \_\_\_\_\_ Head of Operations \_\_\_\_\_

Head of Maintenance \_\_\_\_\_ Reliability Manager \_\_\_\_\_

#### ADMINISTRATION DETAILS

Accounts payable contact \_\_\_\_\_

Title \_\_\_\_\_ First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Telephone \_\_\_\_\_ Email \_\_\_\_\_ EU customers VAT number \_\_\_\_\_

#### PAYMENT DETAILS – Please tick your chosen method of payment

I will pay by bank transfer/invoice  I will pay by credit card   
Visa  Mastercard  Amex Credit  Card Number   
Issue No  Expiry Date  IBAN No

Name of cardholder \_\_\_\_\_ Address \_\_\_\_\_

Signature of cardholder: \_\_\_\_\_

#### PAYMENT – TERMS AND CONDITIONS CONFIRMATION:

Our official confirmation, invoice and hotel booking details will be emailed to you within 3 days of receiving your registration.

#### PAYMENT:

Payment of the full delegate fee is due 14 days after the invoice date, or immediately, if the registration is made within one month of the event. Our full bank account details are on the invoice.

Please note your booking is valid only after full payment is received. We recommend you check with your Finance Department that payment has been made before traveling to the Conference.

#### CANCELLATIONS:

Made one month prior to the start of the conference will be refunded less a 50% administrative charge.

Refund will be made after the conference.

Made within one month of the start date of the conference will receive no refund. Substitutes are acceptable at any time.

#### FORCE MAJEURE:

Please note that in case of force majeure The World Refining Association is relieved of all obligations. Force majeure includes any circumstances beyond the will of The World Refining Association, that impedes permanent or temporary compliance with the obligations, such as 'acts of god' including war, danger of war, government regulations, revolts, strikes, transportation difficulties, fire or severe disturbances affecting the conference organisation or its suppliers.

#### ADMINISTRATION – TERMS AND CONDITIONS

##### OFFICIAL VENUE AND HOTEL ACCOMMODATION

The Sheraton Hotel, Abu Dhabi, UAE. The cost of the hotel accommodation is not included in the conference fee. The World Refining Association has negotiated preferential rates at the hotel for delegates attending the event. Please contact Jenny Seaton via email [j.seaton@theenergyexchange.co.uk](mailto:j.seaton@theenergyexchange.co.uk) for a hotel booking form.

##### REGISTRATION FEE

The registration fee covers attendance at all sessions, refreshments, lunches, receptions and documentation containing the speaker presentations. Please note it may be necessary to alter the content or timing of the programme or its speakers.

##### LANGUAGE

The official conference language will be English.

##### CUSTOMER SERVICES

For questions concerning your registration, attendance, visa support and invoice payments, please contact our Customer Services Department, Tel: +44 (0)1242 529 090, Fax: +44 (0)1242 582 157.

BOOKING CODE **W**

## Why you should attend the 2nd Annual Plant Maintenance in the Middle East Conference

Following the outstanding success of the inaugural Conference, the 2nd Annual Meeting will once again become the meeting place for over 150 senior maintenance leaders from the major refineries, gas treating, petrochemical and fertilizers plants to discuss and solve problems that affect their operations.

During this unique MUST ATTEND conference you will receive first hand information about the best approaches and solutions for tackling maintenance issues that producers face daily or during the Turnarounds and Shutdowns. You will learn about new technologies and innovations which are implemented at different facilities to ensure successful operations. From the case-study presentations by our distinguished speakers you will be able to choose the practices that are best for you.

### NETWORK WITH 150 MAINTENANCE LEADERS THROUGH:

**Business Card Exchange:** Prior to both the workshop and the conference, delegates are given an opportunity to formally meet and greet other leaders in plant maintenance. Business cards are exchanged and key relationships forged that can be fostered throughout the conference and beyond.

**Networking Opportunities:** 9 coffee breaks, 3 lunches and 2 networking receptions! Plenty of opportunities are offered for you to catch up with your peers, meet new influential decision makers and secure new business leads.

**Roundtable Debates:** Expert Chairmen have been selected to manage specific discussions. Select your table of choice and join interactive discussions.

Bringing together key maintenance leaders, this must attend conference will bring attendees up to date on all issues affecting your operations as well as provide unrivalled business and

networking opportunities. This is your chance to meet with leading industry experts and the decision makers who can make a difference to your business.

### SPONSORSHIP OPPORTUNITIES

Do not miss this unique opportunity to showcase your company's products and technologies to a dedicated audience of leading maintenance experts.

Corporate sponsorship packages are designed specifically to allow you to maximise your company's profile and provide you with the opportunity to network with targeted senior level executives.

Customised packages can be tailored to suit your needs including both networking and company branding options. All packages offer excellent levels of publicity before, during and after the event.

Don't miss your chance to establish your company as an industry leader, stand out among your competitors and promote your company to an impressive number of industry decision makers.



### LIMITED OPPORTUNITIES AVAILABLE

To discuss your sponsorship requirements in further detail, please contact:

**Yuliya Hare, Conference Manager,** on  
**Tel:** +44 (0)207 067 1800 / **Fax:** +44 (0)207 430 0552  
**Email:** y.hare@theenergyexchange.co.uk

### SPONSORS



## Forthcoming Middle Eastern conferences



- **Sour Gas 2009** – 2<sup>nd</sup> Annual Meeting, 10 February 2009, Abu Dhabi, UAE
- **Gas Arabia 2009** – 4<sup>th</sup> Annual Meeting, 11-12 February, 2009, Abu Dhabi, UAE
- **Middle East Fertilizer Symposium** – 2<sup>nd</sup> Annual Meeting, 2-4 March 2009, Abu Dhabi, UAE
- **The Middle East Refining Conference** – 10<sup>th</sup> Anniversary Meeting, 23-25 March 2009, Abu Dhabi, UAE
- **The Middle East Fuels Symposium** – 3<sup>rd</sup> Annual Meeting, 26 March 2009, Abu Dhabi, UAE
- **Oil and Gas Pipelines in the Middle East** – 9<sup>th</sup> Annual Meeting, 4-6 May 2009, Abu Dhabi, UAE
- **Petchem Arabia** – 4<sup>th</sup> Annual Meeting, 2-4 November 2009, Abu Dhabi, UAE