

WELCOME



2007 PLANT MAINTENANCE IN THE MIDDLE EAST CONFERENCE

26-28 NOVEMBER 2007, MOVENPICK HOTEL, DUBAI, UAE



ARE YOU INTERESTED IN JOINING OUR SPONSORS?

Would you like to promote your organisation to a captive audience of senior and influential industry executives and decision-makers? Whether you are looking to develop brand awareness, or simply to reinforce your position in the marketplace, tailor made packages can be designed to meet all your marketing and promotional requirements.

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

Derek Michalski, Conference Manager,
Tel: 00 44 207 067 1800

Email: d.michalski@theenergyexchange.co.uk

JUST SOME OF THE SPEAKERS YOU WILL MEET:



Hamid Reza Seyed Jafari
Planning and Control Manager,
SHIRAZ OIL REFINERY, (NIORDC)



Mohammed Al Naseeb
Head of Maintenance,
Sur Site
OMAN LNG



Sameer A. Al Humaidan
General Manager, Maintenance and
Engineering
**TASNEE PETROCHEMICALS
COMPANY**



Khaled Zaki Ahmad Khedr
Head Rotating Equipment Department
**GULF OF SUEZ PETROLEUM
(GUPCO)**



Abdel Kader Attou
Maintenance Division Manager
QATARGAS EXPANSION PROJECTS



Saeid Mahjoubi
Operation Director
**SHAZAND ARAK OIL REFINING
COMPANY**

ARE YOU INTERESTED IN SPEAKING AT THIS EVENT?

Opportunities now exist for senior level personnel to submit abstracts for consideration. If you are active within the petrochemicals, gas and refining sectors you can apply to speak on both strategic and technical topics within the identified sessions, giving you the opportunity to increase the visibility of your company and associated maintenance to key players and decision makers within the industry.

If you are interested in submitting an abstract for consideration, please contact:

Derek Michalski, Conference Manager
Tel: + 44 (0) 20 7067 1800

email: d.michalski@theenergyexchange.co.uk

www.wraconferences.com

INTRODUCTION

The World Refining Association is pleased to announce the inaugural 2007 Plant Maintenance in the Middle East Conference taking place from 26-28 November 2007 in Dubai, UAE.

Over recent months, maintenance issues within the Middle East oil, gas, refining and petrochemical sectors have seen a period of growing attention. In today's climate, choosing the most suitable maintenance strategy is essential for companies within these sectors to manage their assets.

Due to an unprecedented increase in the forecasted cost of oil and gas projects, together with construction material and manpower shortages, new projects are currently being delayed. It is now more important than ever for existing facilities to undergo continuous modernisation and optimisation, ensuring that they are capable of continuing both oil and gas production, whilst at the same time remaining competitive.

The 2007 Plant Maintenance in the Middle East Conference will provide attendees with a unique opportunity to discover exactly which maintenance strategies and management methods will play a crucial role in the development of the industry in future years.

Also high on the event's agenda, we will take a look at the most effective and up-to-date shutdown and turnaround planning and scheduling systems. The programme will also review which cutting-edge condition monitoring techniques and technologies are currently leading the market. Additionally, the event will provide detailed information on major HSE updates.

Whether you are looking to discover newest and best maintenance practices and asset management, invest in up-to-date technology, network with industry leaders or to simply enhance your knowledge and understanding of the region's maintenance requirements, you cannot miss the opportunity of attending the 2007 Plant Maintenance in the Middle East Conference.

WHO SHOULD ATTEND?

- Licensing and Technology Directors and Managers
- Business Development Directors and Managers
- 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
- Lubrication Managers
- Planning Engineers and Superintendents
- Project Engineers and Managers

WHY YOU SHOULD ATTEND

GAIN: A complete overview and a wealth of information on the latest developments impacting the Middle Eastern downstream sector and its maintenance requirements. Learn about potential new technologies to keep your aging facilities operational and competitive.

HEAR: Key players from the region and senior-level industry experts divulge their experiences and knowledge through case study presentations.

MEET: With professionals from major regional and international gas companies and technology providers and take the opportunity to network and forge lasting business relationships, allowing you to establish your position within the Middle East.

DISCUSS: Mutual obstacles impacting the downstream sector and its maintenance requirements through interactive formal sessions, informal discussions and social gatherings.

SUNDAY 25 NOVEMBER 2007

19:00 Pre-Conference Registration and Welcome Reception

DAY ONE: MONDAY 26 NOVEMBER 2007

08:00 Registration and Coffee

09:00 Opening Welcome Address

09:10 SESSION ONE: MAINTENANCE STRATEGIES FOR THE MIDDLE EAST OIL, GAS AND PETROCHEMICAL INDUSTRIES

- Optimising Offshore Gas Lift Packages performance and maintainability
- Accurate auditing of maintenance management systems and strategies, learning how to establish effective day-to-day auditing procedures
- Maintenance grass roots – dos and don'ts. How to organise the maintenance department from scratch.
- Integrated systems for critical assessment of rotating equipment. Assessing risk in a simple and cost-effective way. Developing, implementing and managing a predictive maintenance strategy for a machinery surveillance program.

- **Sameer A Al Humaidan**, General Manager, **TASNEE PETROCHEMICALS**
- **Hasan Asad**, Mechanical Supervisor, Maintenance, **BAHRAIN PETROLEUM COMPANY (BAPCO)**
- **Khaled Zaki Ahmad Khedr**, Head Rotating Equipment Department, **GULF OF SUEZ PETROLEUM (GUPCO)**

11:00 Coffee Break

11:30 SESSION TWO: MAINTENANCE MANAGEMENT FOR THE MIDDLE EAST OIL GAS AND PETROCHEMICAL INDUSTRIES

- Application of a Risk-Based Maintenance Approach to improve equipment reliability.
- Gas Turbine Fleet Management. Proactive Maintenance strategies for rotating equipment. Case study of Aero/Aero Derivative Gas Turbine Power Plant RCM concepts. Use of Six Sigma in Failure Root Cause Analysis, Failure Criticality Analysis, FMEA, RCA and RCM.
- FTA versus FMEA: understanding the most effective process for your business.
- Condition monitoring tools: managing maintenance operations by using infrared technologies and thermography in gas plants and refineries.

- **Nabilah Al Tunisi**, Manager, Project Support and Control Department, **SAUDI ARAMCO**
- **Syed Nadeem Ahmed**, Power Plants Engineer, **PAKISTAN INTERNATIONAL AIRLINES**
- **Martin A Brown**, Principal Consultant, **ABB**

13:00 Lunch

14:30 SESSION THREE: PLANNING AND SCHEDULING SHUTDOWNS

- Managing shutdowns: restructuring, planning speed and controls, scheduling in a Lean Maintenance Environment. New technological developments in monitoring equipment.
- Shutdown outage is the most complicated demand on maintenance resources – presenting modern project management methods that enable a maintenance professional to identify, plan, staff and coordinate the effort of workers and their support equipment while minimising downtime and costs
- Human error prevention and best practices to strengthen your overall shutdown planning model

- **Mohammed Al Naseeb**, Head Of Maintenance, Sur Site, **OMAN LNG**
- **Mohamed Daoud**, Team Leader (Quality Control), Engineering and Major Projects Division, **ABU DHABI COMPANY FOR ONSHORE OIL OPERATIONS (ADCO)**

15:30 Coffee Break

16:00 SESSION FOUR: PLANNING AND SCHEDULING TURNAROUNDS

- Cost-effective strategies for integrating revamps and turnarounds
- Expert services during unit turnaround for optimal performance
- Generating a critical path schedule by making the scope of work clear to minimise downtime. Evaluating different strategies and techniques.
- Preparing and assessing a corrective plan. Analysing the process units and minimising the loss of profit - the Next Day Corrective Plan Method for controlling turnarounds as a tool.

- **Alaedin Abbas**, Vice President, **ABU QIR FERTILIZERS COMPANY**
- **Tayseer Fateel**, Senior Planning Engineer, **SAUDI CHEVRON PHILLIPS COMPANY (S-CHEM)**
- **Saeid Mahjoubi**, Operation Director, **SHAZAND ARAK OIL REFINING COMPANY**
- **Francois Locatelli**, Deputy General Manager, **AL BILAD CATALYST CO LTD, EURECAT GROUP**

17:30 Close Of Day One and Social Networking Reception

DAY TWO: TUESDAY 27 NOVEMBER 2007

08:30 Registration and Coffee

09:00 SESSION FIVE: CUTTING-EDGE CONDITION MAINTENANCE MONITORING TECHNIQUES

- Latest developments in thermal imaging applicable for predictive maintenance in the oil and gas industry. Maximisation of the reliability of production assets.
- Turnaround risk and readiness indices ("TRI") and their relationship to turnaround outcomes. The concept of a standardised turnaround scope index. Benchmarks of best turnaround practices.
- Non-intrusive control valve diagnostics developed to identify faults and determine their root causes. Managing, interpreting and using the data effectively.
- Practical coordination strategies to ensure effective logistical planning and day-to-day auditing procedures.

- **John M.G. Alkemade**, Director, **ASSET PERFORMANCE NETWORK**
- **Mathias O. Mosig**, Thermography Business Development Manager, **FLUKE EUROPE**
- **Ken Junk**, Principal Engineer, **EMERSON PROCESS MANAGEMENT**

10:30 Coffee Break

11:00 SESSION SIX: HEALTH SAFETY AND ENVIRONMENT REGULATION UPDATES

- General safety guidelines: exploring the step changes in safety programming in the Middle East. Benchmarking safety performance. Regulatory requirements.
- Methodologies for reducing maintenance costs in gas plants without increasing safety risks.
- Improving the manufacturing environment in petrochemical plants and refineries by providing guidance to minimise risks and injuries.
- Changes required to plant operating procedures/standards in order to comply with increasingly stringent regulations. Improving valve performance on new and existing process operations.

- **Ali Saad Al Zahrani**, Electrical Installations Superintendent and Chairman of **SABIC** and Instrumentation Process and Control Network Committee, **SAUDI ARABIA FERTILIZER COMPANY (SAFCO)**
- **Mike Webb**, Business Development Manager Europe, Middle East, India and Africa, **GARLOCK SEALING TECHNOLOGIES**

12:30 Lunch

LNG AND GAS FOCUS

14:00 SESSION SEVEN: ENHANCING RELIABILITY FOR LNG AND GAS PLANTS IN THE MIDDLE EAST: TECHNICAL UPDATES

- Pre-planned activities and practical planning strategies to enhance reliability for LNG processing plants.
- Personnel management and training the workforce. Setting key performance indicators.
- ADGAS benchmarking experience of LNG Plant Operation.
- Enhancing productivity during plant maintenance: cutting edge MRO solutions.

- **Khawar Saleem Aslam**, Head of Performance and Reliability, **ABU DHABI GAS LIQUEFACTION COMPANY (ADGAS)**
- **Prashant Sadalgekar**, Technical Engineer, **3M**
- **Abel Kader Attou**, Maintenance Division Manager, **QATARGAS EXPANSION PROJECTS**
- **Qadeer Ahmed**, Reliability Engineer, **QATARGAS EXPANSION PROJECTS**

15:30 Coffee Break

REFINERIES AND PETROCHEMICAL PLANTS FOCUS

16:00 SESSION EIGHT: ENHANCING RELIABILITY IN REFINERIES AND PETROCHEMICAL PLANTS: TECHNICAL UPDATES

- Increasing the availability and safety of the plant by surveys and implementing new heaters.
- Maximising and measuring improvements and reliability.
- Benchmarking the planning programme to ensure maximum reliability and availability in refineries and petrochemical plants.
- Integrating predictive maintenance and cutting costs or man hours through better planning procedures.

- **Nigel Beaumont**, Managing Director, **JOHN CRANE**
- **Hamid Reza Seyed Jafari**, Planning and Control Manager, **SHIRAZ OIL REFINERY, NATIONAL IRANIAN OIL REFINING AND DISTRIBUTION COMPANY (NIORDC)**
- **Preston L. White**, International Sales Manager, **DECTON INCORPORATION**
- **Farooq Khan**, Consultant, Reliability, Availability and Maintenance, **JACOBS CONSULTANCY**

17:30 Closing Address and Close of Conference

Panel question and answer discussions will follow each session

DAY THREE: WEDNESDAY 28 NOVEMBER 2007

OPTIONAL SITE VISIT TO TAKREER'S ABU DHABI REFINERY

It is with a great pleasure that on 28 November 2007, The World Refining Association and TAKREER will provide the opportunity for a limited number of conference attendees to participate within an optional site visit to the Abu Dhabi Refinery located in Umm Al Nar.

After the discovery of oil in Abu Dhabi in 1958 and the first export shipments of crude oil in 1962, plans were drawn up for the construction of the refinery with a capacity of 15,000 barrels per stream per day to meet growing demand. Construction of the Refinery commenced in 1973 with the project costing an initial sum of \$45 million. The Refinery was inaugurated in April 1976.

The visit will enable participants to view facilities and technologies employed at the refinery, taking in relevant presentations and explanations.

AGENDA

- 09:00 Arrive at Abu Dhabi Refinery Presentation by **Mr. D.D. Choudhary**, Senior Mechanical Engineer, **ABU DHABI OIL REFINING COMPANY (TAKREER)**
- Tour of facilities, Refreshments
- Depart Abu Dhabi Refinery

Spaces for this visit are strictly limited so early registration is highly recommended



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26-28 NOVEMBER 2007**

 The World Refining Association
4th & 5th Floor
86 Hatton Garden
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REGISTRATION FEE

Conference Fee: £995 / \$2239 / €1592

M2

EXCHANGE RATES ARE SUBJECT TO FLUCTUATION

SITE VISIT

I wish to attend the optional site visit on 28 November 2007

DELEGATE DETAILS

Title	First Name(s)	Surname	Job Title	Delegate Email
Dr/Mr/ Mrs/Ms				
Dr/Mr/ Mrs/Ms				
Dr/Mr/ Mrs/Ms				

Company Name	
Nature Of Business	
Address	
Country	Postcode
Tel	Fax
Head of Maintenance	Maintenance Engineer
Refinery/Plant Operations Manager	Head of HSE

ADMINISTRATION DETAILS

ACCOUNTS PAYABLE CONTACT				
Title	First Name	Surname	Tel	Email

I confirm I have read The World Refining Association terms & conditions (see back of brochure) and confirm acceptance of these conditions. Please note your registration cannot be processed without your acceptance of our terms.

PAYMENT DETAILS

Please tick your chosen method of Payment

I am paying by Bank Transfer

I am paying by Credit Card VISA MASTERCARD AMEX

Credit Card Number:

Issue No Expiry Date: IBAN No:

Name and Address of Card Holder (if different to company address) _____

I am unable to attend but wish to purchase the proceedings at £400 \$900 €640

Data Protection: Personal data is gathered in accordance with the Data Protection Act 1998. Your details may be passed to other companies who wish to communicate with you relating to your business. If you do not wish to receive such offers, please tick this box.

PAYMENT – TERMS AND CONDITIONS

Confirmation

Our official confirmation, invoice and hotel booking details will be emailed to you within three 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 invoice will show your registration fee in three currencies: UK Pounds, Euros and US Dollars. 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 travelling 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 the case of force majeure, The World Refining Association is relieved of all obligations. Force majeure includes any circumstance 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 congress organisation or its suppliers.

ADMINISTRATION – TERMS AND CONDITIONS

Official Venue and Hotel Accommodation

Movenpick Hotel Bur Dubai, P.O. Box 32733, (Opposite American Hospital), Dubai, United Arab Emirates, Phone +971 4 336 6000, Fax +971 4 336 6626. The cost of the hotel accommodation is not included in the conference fee. The World Refining Association has negotiated preferential rates at the hotel (single Deluxe Room Dhs 1,800, double Deluxe Room Dhs 2,000 + 10 % service charge and municipality fee) for delegates attending the event. Please contact Jenny Seaton via email on j.seaton@theenergyexchange.co.uk for details on how to make your reservation. Rooms are also available at the Shangri-La Hotel on a nightly basis. Single Deluxe Room Dhs 1,900, Double Deluxe Room Dhs 2,000 + 10% service charge and municipality fee. The Shangri-La Hotel is a ten-minute taxi journey from the Movenpick Hotel.

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.

OFFICIAL AIRLINE



The World Refining Association is delighted to announce Etihad Airways as the official airline for the 2007 Plant Maintenance in the Middle East Conference.

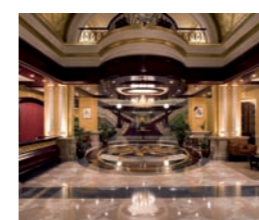
As the official airline, Etihad Airways is offering special fares for guests from various destinations to participate in this premier event.

www.etihadairways.com

THE VENUE

With 232 well appointed rooms and suites, conveniently located in the heart of the city, the Movenpick Hotel Bur Dubai is just 10 minutes from Dubai International Airport and the World Trade Centre. Close to the major shopping and entertainment centres of Wafi City and Lamcy Plaza, the hotel is also just 15 minutes from Jumeirah Beach.

Reduced rate hotel accommodation has been arranged for participants of the conference.



OFFICIAL MEDIA PARTNER



FORTHCOMING MIDDLE EAST EVENTS

- **Petchem Arabia – 2nd Annual Meeting**, 12 - 13 November 2007, Dubai, UAE
- **2007 Middle East Fertilizer Symposium**, 14 November 2007, Dubai, UAE
- **The Middle East Refining Conference – 9th Annual Meeting**, 24-26 February 2008, Abu Dhabi, UAE
- **Middle East Fuels Symposium 2008 – 2nd Annual Meeting**, 27-28 February 2008, Abu Dhabi, UAE
- **Gas Arabia 2008 – 3rd Annual Meeting**, 18-19 February 2008, Abu Dhabi, UAE
- **Oil and Gas Pipelines in the Middle East – 8th Annual Meeting**, 12-14 May 2008, Abu Dhabi, UAE

2007 PLANT MAINTENANCE IN THE MIDDLE EAST CONFERENCE



**26-28 NOVEMBER 2007
DUBAI, UAE**



EVENT SPONSORS AND SUPPORTERS



KEY CONTRIBUTIONS

Sameer Al Humaidan
General Manager
Maintenance and Engineering
TASNEE PETROCHEMICALS COMPANY

Ali Saad Al Zahrani
Electrical Installations Superintendent
and Chairman of **SABIC** Instrumentation
Process and Control Network Committee
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