1st Annual International Pipeline Coating Conference 2014

Latest Innovations and Trends in Pipelines and Coating Technology
28-29 May, Sofitel Abu Dhabi Corniche, UAE

www.mazeejevents.com/ipcc2014

KEYNOTE SPEAKER:
H.E. Aqeel Madhi
Chief Executive Officer
National Petroleum Construction Company (NPCC)

Oil Operating Companies’ Participants Include:

Natiq Khalaf
Deputy Director General
State Company for Oil Projects (SCOP), Ministry of Oil, Iraq

Dr. Ali Moosavi
Chief Engineer (Corrosion) - Technical Centre (Integrity & Operations)
ADCO

Ahmad Al-Omari
Materials and Corrosion Engineer
Saudi Aramco

Tareq Zakaria
Coating and Non-Metallic Specialist
ADMA-OFCO

Ahmed Elashkar
Senior Material and Corrosion Engineer
Takreer

Munzir Ahmad Khan
Protective Coating Engineer
ZADCO

Register today: E: info@beehouse.ae | T: +971 (0)56 130 9680 | W: www.mazeejevents.com/ipcc2014
Dear Colleagues,

On behalf of Mazeej, BeeHouse and the Technical Committee, I am pleased to announce the launch of the very first pipeline coating dedicated event in the region, International Pipeline Coating Conference 2014 (IPCC 2014), scheduled to take place on 28-29 May 2014 at the Sofitel in Abu Dhabi, UAE. With the Middle East holding most of the world’s oil reserves, coated pipelines are inevitably one of the major investments in the region. Major pipeline projects include the Sayyala Pipeline for Petroleum Development Oman (PDO), the Assab Field for ADCO Abu Dhabi, the Umm Lulu Field for ADMA Abu Dhabi and the pipeline project between Iraq and Jordan.

As pipe coating continues to gain momentum with projects, it is essential for leading energy companies to embrace new approaches when it comes to coating selection and application methods. In addition to excellent networking opportunities, IPCC 2014 will connect oil and gas operators, who will discuss their latest projects and technical challenges associated with pipeline protection with the leading international technology and solution providers, presenting the latest advances enhancing pipeline coating and technology.

IPCC 2014 has received a tremendous response since its launch in December, and with 14 sponsors and over 20 speakers already confirmed, we expect a hearty industry attendance at the event.

I look forward to welcoming you and your colleagues at this not-to-be-missed conference in May.

Sincerely,

[Name]
08:00 Registration and Coffee
09:00 Opening and Welcome by Conference Director
09:15 Keynote Address
H.E. Aqeel Madhi, Chief Executive Officer, National Petroleum Construction Company (NPCC)
09:25 Sessions Opening by Conference Chairman
Mohamed Daoud, Manager - Projects Quality, ADCO

SESSION 1: EXTERNAL AND INTERNATIONAL COATING
09:30 Coatings for High Temperature Pipelines
Although for pipelines operating at 90°C there are a number of available coating systems with long successful track records, when it comes to the range 90-120°C, there are lesser available systems and with much shorter track records. This presentation will showcase how a major oil and gas operating company arrived at its selection of coatings for this range. This covers investigations of coating failures, laboratory tests, use of international standards and feedback from, and in consultation with, other operators, coating applicators and manufacturers.
Dr. Ali Moossavi, Chief Engineer, ADCO

10:00 CASE STUDY: Protecting UAE Oil and Gas Assets Using High Performance Topcoat
The speakers will present a new approach to protecting pipelines by providing an alternative high performance topcoat in a 3-layer system.
Mohamed Ali Jaber, Application Marketing Manager, Borouge
Munir Ahmad Khan, Protective Coating Engineer, ZADCO

10:30 Morning Refreshment and Networking Break

11:00 Pipeline Coating Developments – Both In and Out
This presentation will highlight the difficulties encountered by formulators and end users alike, to produce viable coatings that will last 30 – 50 years in extreme conditions. The latest developments in powder and liquid coating technology for internal and external pipeline coating will be discussed, along with product development concerns and future trends.
Richard Cowl, Concept Manager – Pipeline Coatings, Jotun

11:30 Improving Performance of High Operating Temperature Exterior Pipe Coatings
In the effort to develop high operating temperature (HOT) coatings, the first solution was to employ the novolac epoxies used in interior pipe coatings, which suffered from the brittleness of novolacs, and new epoxy resins were developed. Although these second-generation HOT coatings were more flexible, they suffered defects such as porosity and exacting application requirements. Through careful formulation work, a third generation of coatings is emerging with optimum combinations of temperature resistance, flexibility and ease of use.
Dr. Jeffrey Rogozinski, Global Technical Director for Protective Coatings, Valspar

12:00 New Dual Layer Coating System Development for up to 150°C Operating Temperature Application
This presentation will provide an overview of performance properties required for high operating temperature coating and test methods designed to predict the functional life of a coating. It will also introduce a new dual layer coating system of interpenetrating polymer networks of polyolefin coating over high temperature fusion bonded epoxy primary coating for up to 150°C operating temperature use.
Steven Huang, Global Portfolio Business Manager - Pipe Coating Business Unit, 3M

12:30 Networking Lunch

14:00 Solvent Free Gas Flow Pipe Coating
Epoxy coatings are used to coat the internal surfaces of gas pipes to improve the flow efficiency of the gas and to protect the integrity of the pipe against corrosion. This presentation will showcase a solvent free epoxy gas pipe coating that performs at the same level as the best solvent containing flow coatings in the market. The application conditions required to fully utilise this technology will be discussed and compared to high solids epoxy alternatives.
David Morton, R&D Strategic Protective Coatings, Hempel

SESSION 2: FIELD JOINT COATING
14:30 Faster Field Joint Coating With LAT Powder and Solutions for Temperature Sensitive Steel Pipes
Generally liquid coatings, shrink sleeves etc. are used for field joints. In some cases standard FBE powder coatings are used, however this is still a niche market. This presentation will detail the advantages of low application temperature powder (LAT) in this market. LAT powder enables coaters to overcome a particular problem of blistering of the present standard FBE powder coating. Also, a big time reduction during application is an advantage.
Dr. Volker Boerschel, Global R&D Manager - Functional Powder Coatings, AkzoNobel

15:00 Afternoon Refreshment and Networking Break

15:30 Factory Grade Field-Applied Coating Systems for 3LPE/3LPP Coated Pipelines
This presentation will summarise the performance of the leading ‘factory grade’ joint coating systems for Multi-Layer Polyolefin coated pipelines, as well as some of the best practices that have been employed on key pipeline projects that have utilised these advanced coating systems in recent years. The presentation will also dispel the belief among some that field-applied joint coating performance requirements must be significantly reduced from those of the factory-applied coating.
Pascal Laferriere, Global Manager - Product Management, Canusa-CPS

16:00 Field Joint Coating Systems Available for 3 Layer and FBE Coated Pipelines and the Latest Equipment and Processes Used for Application
This presentation will focus on up-to-date application equipment and material solutions that protect pipelines from corrosion, heat loss and mechanical damage at the field joint area, while at the same time providing contractors with fast, clean, efficient and commercially attractive sub-contract services. The use of automated equipment ensures speed and repeatable quality for the application of the specified field joint coating.
Adam Wynne Hughes, Managing Director of Pipeline Induction Heat, CRC-Evans

16:30 Chairman’s Closing Remarks and End of Day One
Mohamed Daoud, Manager - Projects Quality, ADCO
08:30 Registration and Coffee

09:15 Opening and Welcome by Conference Chairman
Dr. Ali Hussain, Independent Oil Consultant

SESSION 3: PIPELINE SHOWCASE: BASRA-AQABA PIPELINE

09:30 Pipeline Coating for the Iraq Export Pipeline Project
- Project description:
  - Crude Oil line: Pressure, Temperature, Diameter and Thickness
  - Fuel gas line: Pressure, Temperature, Diameter and Thickness
- Coating selection details for the pipeline project
- Special project considerations affecting coating selection and protection
- How to maintain 30 year life cycle for coating
Mohamed Amine Nechachbi, Corrosion and Material Specialist, SNC Lavalin

10:00 PANEL DISCUSSION: Development of Basra-Aqaba Pipeline
Iraq has shortlisted 12 companies out of more than 80 international companies and consortia to build a section of the 1,680-kilometer pipeline, stretching from the oil hub of Basra in southern Iraq to the Jordanian port of Aqaba in the Red Sea, a project worth $10 billion. This will be the country’s first oil export pipeline in decades, making it less dependent on Persian Gulf export terminals.
Natiq Khalaf, Deputy Director General, SCOP, Ministry of Oil, Iraq
Jamal Faleh Hassan, Head of Design, SCOP, Ministry of Oil, Iraq
Ali Awash, Manager – Middle Projects Division, SCOP, Ministry of Oil, Iraq
Jawad Hasan, Head of Mechanical Department / Design Establishment, SCOP, Ministry of Oil, Iraq

SESSION 4: RESEARCH AND DEVELOPMENT

10:30 External Coating Solutions for Transmission Pipelines Operating at High Temperatures in Barren Territories
This presentation will highlight how solvent free epoxy phenolic coatings can provide corrosion protection where traditional polyurethane and polyethylene systems cannot withstand the combination of aggressive soil exposure conditions; while transmitting oil or gas at temperatures over 60°C from gathering stations to processing and storage facilities. Practical case studies and laboratory investigations of the specialised epoxy phenolic coatings will be shared.
Klaas van der Mije, EMEA Segment Manager for Oil & Gas, PP

11:00 Morning Refreshment and Networking Break

11:30 Assessing the Benefits of Using Vacuum Lifters on Coated Pipes
This presentation will cover a break down of the maximum force that can be applied to a given area, or pipe coating, with vacuum lifting. It will compare stress levels applied to pipe coating by chains, slings, blocks and rollers to that of vacuum lifting; and how handling the pipe with vacuum lifters will both help to maintain the quality of the coating applied to steel pipe and also have a positive impact on day-to-day field operations.
James Pfeiffer, Vice President - Sales, Vacuworx

12:00 The Use of Non-Metallic Liners to Rehabilitate Aged/Corroded Carbon Steel Water Injection Laterals
Internal lining using the latest grooved liner technology to rehabilitate existing carbon steel pipelines provides an effective barrier against further corrosion and delivers a significant life extension. This presentation discusses the use of High Density Polyethylene (PE 100) internally grooved thermoplastic liner to rehabilitate existing aged/corroded carbon steel water injection laterals. The discussion also focuses on the challenges, opportunities and lessons learned during the design and installation phases of the internal lining.
Ahmad Al-Omari, Materials and Corrosion Engineer, Saudi Aramco

12:30 Markets Push for the Next Generation Anti-Corrosion Coatings Application to 3LPO Systems
This presentation will showcase a higher performance coating system built to ensure a safe and reliable energy supply chain. SureBondTM100, designed to perform at higher temperatures (up to 100°C for now), demonstrates unmatched thermal cycling stability, chemically bonds to the FBE substrate without an adhesive layer, allows more field joints to be used more reliably and complies with ISO Z1809-1.
Cedric Oudinot, Global Production Line Manager - Anti-Corrosion and Internal Coatings, Bredero Shaw

13:00 Networking Lunch

14:30 PE Pipes in the Oil and Gas Industry
The Oil and Gas industry uses many kilometers of pipe work to transport fluids from the wellhead to storage and processing units. These conventional pipes suffer from corrosion and other related problems and have to be replaced regularly to avoid spillage, but now some operators are considering more cost effective solutions using PE pipes. This presentation will provide examples where PE pipes have been used as stand-alone pressure pipes or as liners for high-pressure steel pipes in the Middle East.
Mohana Murali, Senior Technical Services and Marketing Development Manager, Borouge

15:00 Advances in Hydrogen Sulphide Resistant Coatings for Exploration and Production Pipe Applications
High temperatures and pressures combined with exposure to acids, brines, hydrocarbons and corrosive gases represent an extreme challenge for protective coatings. As exploration proceeds deeper in the earth or encounters unique formations, new coatings are required to withstand the increased levels of corrosive gases, in particular hydrogen sulphide. This presentation will cover important advances in formulating coatings with superior resistance to this sour gas.
Dr. Jeffrey Rogozinski, Global Technical Director for Protective Coatings, Valspar

15:30 Chairman’s Closing Summary and End of Conference
Mohamed Daoud, Manager – Projects Quality, ADCO

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We have received an overwhelming response to this exclusive regional event, and sponsorship opportunities offering stands/display areas have all been sold out. For other tailored branding opportunities or to place an ad in our event show guide, please contact us at info@beehouse.ae or on +971 (0)55 885 9309.

KEY BENEFITS OF ATTENDING:
Unparalleled personal access to key players focused on pipeline protection from the region and internationally, at this exclusive event in the region, for you to network and build connections with. Latest technologies and solutions showcased, discussed and debated for your organisation to part-take in and raise your brand profile, or to avail of these services for your pipelines, all under one roof. Located in Abu Dhabi, capital of one of the world’s largest producers of oil and gas, and home and neighbour to various national companies operating pipelines, making it the perfect hub to attract a large and diverse audience to conduct business with.

IPCC 2014 Sponsorship

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Delegate Registrations:

IPCC 2014 has been very competitively priced to encourage a high attendance. Group booking discounts are also available for groups of 3 or more delegates from the same organisation.

For information on delegate registrations and group bookings, please contact Heena Chandwani at heena@mazeejevents.com or +971 (0)56 130 9680.
**REGISTRATION FORM**

**HOW TO REGISTER**

Email: Fill out this form and email it to info@beehouse.ae for payment via bank transfer

Website: Fill out the online form and pay via Paypal on the event website: www.mazeejevents.com/ipcc2014 under “Registration”

**DELEGATE INFORMATION**

**FIRST DELEGATE:**

Mr/Mrs/Miss/Ms/Dr/Other*:

First Name*:

Last Name*:

Job Title*:

Department:

Tel*:

Fax:

Mobile:

Email*:

**SECOND DELEGATE:**

Mr/Mrs/Miss/Ms/Dr/Other*:

First Name*:

Last Name*:

Job Title*:

Department:

Tel*:

Fax:

Mobile:

Email*:

**THIRD DELEGATE:**

Mr/Mrs/Miss/Ms/Dr/Other*:

First Name*:

Last Name*:

Job Title*:

Department:

Tel*:

Fax:

Mobile:

Email*:

**COMPANY DETAILS**

Company Name*:

Address*:

Postcode*:

City/Country*:

*Mandatory fields

**BOOKING DETAILS**

<table>
<thead>
<tr>
<th>2 DAYS Main Conference: 28-29 May 2014</th>
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<tbody>
<tr>
<td>Price per delegate</td>
</tr>
<tr>
<td>£1,100</td>
</tr>
<tr>
<td>£2,200</td>
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<tr>
<td>£3,300</td>
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</tbody>
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For groups of 3 or more delegates from the same organisation, please email info@beehouse.ae for a discounted booking form.

**PAYMENT METHOD**

☐ I want to pay via bank transfer. Fill out this form and email it back to info@beehouse.ae. You will receive an invoice within 3 days and payment will be due immediately via bank transfer. Bank details will be on the invoice.

☐ I want to pay via Paypal. Please visit the website at www.mazeejevents.com/ipcc2014 and under the “Registration” tab, please fill the online booking form and make the payment via Paypal. A confirmation will be sent to you within 3 days via email once the payment is complete. Please do not fill this form should you wish to pay online.

Authorisation Signature*:

Date*:

**TERMS AND CONDITIONS**

**OFFICIAL VENUE AND HOTEL ACCOMMODATION**

International Pipeline Coating Conference will take place at Sofitel Abu Dhabi Corniche, UAE. Please visit the event website under “Venue and Accommodation” for a hotel booking form. Early booking is recommended, as room availability at special rates is limited.

**PAYMENT AND REGISTRATION TERMS AND CONDITIONS**

PAYMENT: Confirmation and invoice will be sent within 3 days. Payment is due immediately. If payment has not been received before the start of the event, delegates will be refused entry. We recommend you check with your finance department that payment has been made before travelling.

All ‘Early Bird’ and other Discounts require full payment at the time of registration and before any cut-off date in order to receive the discount. Should payment not be made, a subsequent charge will be applied to bring the registration fee up to the full rate.

**CANCELLATION POLICY:**

Made within 48 hours of receipt of the completed registration form will be eligible for a full refund. Received in writing more than one month prior to the start of the event will be refunded less a 50% cancellation fee. Received in written within one month of the start date of the event will receive no refund and registrants will be liable for payment of 100% of the invoiced amount. Substitutes are accepted at any time. All refunds made exclude flight/hotel cancellation charges.

**FORCE MAJEURE:**

In case of force majeure Mazeej and BeeHouse (The Organisers) are relieved of all obligations. Force majeure includes any circumstances beyond the will of The Organisers, 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.

**IMPORTANT NOTES:** This booking form constitutes a legally binding contract. It may be necessary for reasons beyond the control of The Organisers to change the content and timing of the programme, speakers, date or venue. In the unlikely event of the programme being cancelled, The Organisers will issue a credit note and registrants will be liable for payment of 100% of the invoiced amount. We do not wish to hear about offers from our event marketing partners.

☐ I have read and accepted the Terms and Conditions

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