

"Leading
Corrosion
Management
in the region
for
33
years"



14th Middle East
CORROSION
CONFERENCE & EXHIBITION

February 12-15, 2012
Gulf International Convention Center
Gulf Hotel, Kingdom of Bahrain



Under the patronage of
H.E. Dr. Abdul Hussain bin Ali Mirza
Minister of Energy, Kingdom of Bahrain

2nd Announcement



Organized by:

 **NACE**[®] WEST ASIA & AFRICA AREA and
INTERNATIONAL DHAHRAN SAUDI ARABIA SECTION



جمعية المهندسين البحرينية
BAHRAIN SOCIETY OF ENGINEERS

Session Topics

The conference technical sessions will include Cathodic Protection, Chemical & Water Treatment, Corrosion Management, Corrosion Research and Modeling, Materials Selection, Failure Analysis and Welding, Nonmetallic Materials, Protective Coatings, Microbially Induced Corrosion and a Poster Session.

Formal presentations, technical discussions and posters are planned to maximize sharing of knowledge and experiences.

Provisional Conference Schedule

Sunday, February 12, 2012

8 hrs Onwards	Workshop Registration
9 hrs - Noon	Workshops
	1. Practical Considerations for Cathodic Protection Field Measurements
	2. Welding in the Oil & Gas Industry
	3. Reverse Osmosis Membrane Technology for Water Desalination
	Workshops
13 hrs - 17 hrs	4. Managing Pipeline Integrity in Ageing Facilities in the Oil & Gas Industry
	5. Corrosion Management of Critical Areas in Vessels
15 hrs Onwards	Conference Registration
19 hrs - 20 hrs	Exhibition & Conference Opening Ceremony
20 hrs Onwards	Dinner

Monday, February 13, 2012

7 hrs Onwards	Conference Registration
8 hrs - 17 hrs	Technical Presentations & Exhibition

Tuesday, February 14, 2012

7 hrs Onwards	Conference Registration
8 hrs - 17 hrs	Technical Presentations & Exhibition
19:30 hrs Onwards	Conference Gala Dinner

Wednesday, February 15, 2012

7 hrs Onwards	Conference Registration
8 hrs - 13 hrs	Technical Presentations & Exhibition

CONFERENCE COMMITTEE

Conference Chairman
Mr. Bader Busbait NACE

Conference Vice Chairman
Mr. Abdulla Janahi BSE

ORGANIZING COMMITTEE

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Mr. Abdulhameed BuKhamseen NACE
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Mr. Mohammed Hassan BSE

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Mr. Ahmed Al-Zahrani NACE



Keynote Speakers



Dr. Dale R. McIntyre
Principal Engineer, Metallurgist, ConocoPhillips

Dr. Dale R. McIntyre is a metallurgical engineer with 39 years of experience in the petrochemical and oil and gas production industries. He specializes in corrosion control, materials selection and asset integrity engineering for severe and highly sour hydrocarbon production environments. He worked for Saudi Aramco for 10 years in Dhahran and is presently employed by ConocoPhillips in Bartlesville, Oklahoma. McIntyre has a B.S. degree in metallurgical engineering from the University of Oklahoma, an M.S. degree in Metallurgical Engineering from the University of Missouri-Rolla, and a Ph.D. in Materials Science from the University of Cambridge in the U.K. He is a registered Professional Engineer in the State of Texas, and the author of four books and about 40 technical papers.

Title: Challenges and Opportunities for Materials in Extreme Sour Service

Very hot, extremely sour reservoirs previously thought uneconomical are now being considered for production. To safely and economically produce such extreme sour environments requires new thinking on alloys for downhole tubulars, wellhead valves and flow lines as well as elastomers, corrosion inhibitors, stimulation fluids and completion fluids. Methods for testing and qualifying materials in extreme sour environments will be discussed with particular regard to the challenges of predicting extraordinarily long service lives from very short-term laboratory tests. Gaps in knowledge and capabilities for extreme sour service materials will be described. Each such gap also presents an opportunity for suppliers willing to fill it.



Dr. Chris Fowler
Exova Group, Director of Corrosion

Dr. Chris Fowler has 30 years of experience in the field of metallurgy and corrosion. He is presently employed as Director of Corrosion at the Exova Group. His areas of expertise include oil and gas corrosion, sour service corrosion, materials selection for oil and gas and corrosion failure investigations. He has numerous publications in the field of corrosion and metallurgy.

Dr. Fowler held the following NACE and ISO positions:

- President NACE International 2010/11
- Chairman NACE Europe 1998 – 2003 and 2007 – 2008
- International Director NACE 2003 – 2007
- ISO 15156/MRO175 Maintenance Panel and Panel of Expert's member
- Chairman EFC 17 Committee

Title: NACE MR0175 (ISO 15156) vs NACE MR0103 vs REALITY

The oil and gas industry relies mainly on two material recommendation documents: MR0175 covers exploration and production (upstream) and covers all forms of damage caused by sour conditions. MR0103 covers downstream facilities, and only covers sulfide stress corrosion cracking. Are these standards complimentary? And what really occurs in the field? How relevant is HIC and SOHIC downstream? Is welding adequately covered?

The two standards will be compared and contrasted to field experience.



Workshop No. 1



Mr. Husain Al-Mahrous
Cathodic Protection Engineering Specialist, Saudi Aramco

Mr. Husain Al-Mahrous is a Saudi Aramco engineering specialist involved in cathodic protection and corrosion control activities for more than 17 years. He graduated with a BSc. in Electrical Engineering from KFUPM in 1993. He is a Certified NACE CP Specialist, Corrosion Technologist and Coatings Inspector Level 1. Husain has been teaching the Saudi Aramco Cathodic Protection in-house course for 13 years, and NACE CP I and II for the past 4 years. Husain was granted 3 patents from the U.S. Patent Office. He is currently handling Saudi Aramco CP for plant areas and offshore facilities.

Title: Practical Considerations for Cathodic Protection Field Measurements

This workshop will review the current CP field monitoring techniques with special emphasis on possible sources of errors and how they can be eliminated/reduced and/or compensated for. Pipe-to-soil CP potential measurements will be discussed in detail while studying the current field measuring tools/equipment and measurement practices along with possible sources of interpretation errors. Advantages and limitations of using CP coupons and soil corrosion probes as alternative monitoring techniques in troublesome locations will be addressed. Hands-on demonstration on a few field measuring tools and equipment will be circulated to further reinforce the discussed concepts.

The discussion pertaining to cathodic protection monitoring will be centred on the following topics:

1. Monitoring Needs,
2. Reference Electrode Accuracy,
3. Measurement Accuracy,
4. Alternative Monitoring Methods

Workshop No. 2



Mr. Sanyasi Rao
Welding Engineering Consultant, Saudi Aramco

Mr. Sanyasi Rao has BSc. and M.Sc. degrees in Metallurgical Engineering. He is specialized in the field of Welding Engineering with more than 17 years of industrial experience. His field of work comprises welding technology, failure analysis, material selection and manufacturing. He has worked in a steel mill for 2 years and in a pressure vessels manufacturing company for 8 years. He has been working with Saudi Aramco in the Consulting Services Department as a welding engineering consultant for the last 7 years.

Title: Welding in the Oil & Gas Industry

This workshop will discuss specific welding requirements pertaining to the oil and gas industry. Welding of common materials, including clad pipes, encountered in the oil and gas industry will be discussed. Some uncommon weld failures experienced in the field, including new projects, along with case studies will be presented. Special emphasis will be given to problems related to conducting in-situ weld repairs and post welding heat treatment on equipment in service. Repairs on equipment in sour service will also be discussed. After this workshop, attendees will have a basic appreciation of precautions to be taken while conducting weld repairs on different types of equipment and materials. It will also familiarize the participants with unique weld failure cases.

Administrative Information	
Workshop Fee	Free of charge (Full registration is required)
Workshop Venue	Gulf International Convention Center, Gulf Hotel
Date & Time	Sunday, February 12, 2012 (8 am to Noon)
Registration	Please use the Conference Registration Form

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Workshop Speakers

Workshop No. 3



Dr. Subhi Al-Jeshi
Water Treatment Engineer, Saudi Aramco

Dr. Subhi Al-Jeshi is a water treatment engineer in Saudi Aramco. He got his Ph.D. from the School of Engineering and Physical Sciences, Herriot Watt University, Scotland, specialized in Water Desalination.

Subhi has 17 years of experience in water treatment and desalination field. Currently, Subhi works for the Consulting Services Department providing technical support to all Saudi Aramco industrial facilities.



Mr. Mohammed A. Al-Hajjy
Water Treatment Specialist, Saudi Aramco

Mr. Mohammed Al-Hajjy is a water treatment specialist in the Consulting services Department, Saudi Aramco. Mohammed has a B.Sc. in Chemical Engineering from KFUPM. He has 21 years of professional experience in water treatment and desalination facilities. He was involved in the design, construction and commissioning of RO Plants in Saudi Aramco. He has been involved in several trouble shooting and investigation tasks for RO plants, industrial steam boilers and water treatment programs.

Title: Reverse Osmosis Membrane Technology for Water Desalination

Reverse Osmosis (RO) technology went through great developments and gained large popularity during the past decade. This advancement resulted in more efficient RO membranes and less RO membrane desalination cost. This workshop will cover RO technology for treating seawater and brackish water. The workshop will cover the following topics:

- Overview of membranes technology principles
- RO membrane system design parameters
- Monitoring and control of a RO system
- Troubleshooting RO plant problems, scaling/fouling

Administrative Information

Workshop Fee	Free of charge (Full registration is required)
Workshop Venue	Gulf International Convention Center, Gulf Hotel
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Workshop No. 4



Dr. Mimoun Elboudjaini
Senior Research Scientist,
CANMET Materials Technology, Canada

Dr. Mimoun Elboudjaini is a senior research scientist at CANMET Materials Technology Laboratory and Adjunct Professor at the University of Alberta. He has over 20 years of extensive experience in materials R&D, such as hydrogen-induced cracking (HIC), sulfide stress cracking (SSC), fatigue, galvanizing, and liquid metal embrittlement. Dr. Elboudjaini was Executive Chairman (2005-2009) of the 12th International Conference on Fracture, ICF12. He is also Vice-President (2009-2013) of the International Congress on Fracture, and an active member of several international professional societies as chairman and/or as member of Board of Directors of several societies. He chaired technical sessions at many national and international conferences and reviewed numerous papers for scientific journals.

Title: Managing Pipeline Integrity in Ageing Facilities in the Oil & Gas Industry

The workshop will introduce and cover methods for inspection, evaluation, repair and rehabilitation of pipelines in accordance with industry accepted regulations, standards and recommended practices. Special attention will be paid to hydrogen-induced cracking (HIC) and hydrogen embrittlement (HE) in the pipeline industry. The workshop will focus on:

- Extent of Problem
- Damage Mechanisms
- Laboratory Testing Methods
- Field and Plant Monitoring Techniques
- Inspection Techniques

Administrative Information

Workshop Fee	Free of charge (Full registration is required)
Workshop Venue	Gulf International Convention Center, Gulf Hotel
Date & Time	Sunday, February 12, 2012 (1 to 5 pm)
Registration	Please use the Conference Registration Form

Workshop No. 5



Mr. Rob Dawson

Business Development Manager, Belzona Polymerics Ltd. U.K.

Mr. Rob Dawson has been working in the field of engineering for more 25 years. He is currently operating in the role of Business Development Manager for Belzona Asia Pacific with the primary responsibility for the Middle East & Caspian regions. Within his 28 year career, Rob has held senior mechanical and welding engineering roles within the cement, mining and steel industries. Prior to joining Belzona, Rob spent the previous 12 years in the position of Senior Inspection Manager in the marine fabrication industry.

Rob has now been employed by Belzona for 8 years and has been a NACE Certified Coatings Inspector since 2007.

Title: Corrosion Management of Critical Areas in Vessels

The performance and capabilities of lining materials for the protection of internal surfaces of process vessels is well documented. However, there are many areas in a vessel which are susceptible to a higher risk of corrosion and wear. These can include high wear areas within the vessel, small bore nozzles and connecting flanges. These areas are exposed to the same service as the remainder of the vessel yet are commonly the most difficult to protect in an effective manner. This is in effect leaving the weakest areas of the vessel with the least protection.

This workshop will discuss the solution options available to provide effective long term protection to these high risk areas.



Administrative Information

Workshop Fee	Free of charge (Full registration is required)
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List of Accepted Abstracts

Cathodic Protection

Author	Affiliation	Paper Title
Abdul Wahab Al-Mithin, et al.	Kuwait Oil Company, Kuwait	Evaluation of Cathodic Protection System Criteria on Constructed Tanks Over Bituminous Sand Mix Layer
Abdul Wahab Al-Mithin, et al.	Kuwait Oil Company, Kuwait	Cathodic Protection Effectiveness When Anodes Installed In Periphery vs. Beneath the Tanks
Dr. Antonio Martinez Niembro, et al.	Saudi Aramco	Lessons Learned and Challenges in Offshore Cathodic Protection Systems – Arabian Gulf
Ateeq Ur-Rahman	Zakum Development Company – (ZADCO), U.A.E.	Implication of NACE Practice SP 0502 - External Corrosion Direct Assessment (ECDA) Methodology – Practical Guidelines
Caterina Giarratana	EUPEC PIPELINE SERVICES ESPAÑA, S.A.U. Spain	Remote Monitoring of Cathodic Protection and Coating Condition
David H. Kroon	Corrpro Companies Inc., USA	Improvements to the External Corrosion Direct Assessment (ECDA) Process
Dr. J.M. Leeds, et al.	DC Voltage Gradient Technology & Supply Ltd., UK	The Properties of Buried Pipeline Coating Faults and Their Assessment by Different Coating Survey Techniques
Dr. John Norris	Corrpro Arabia, Saudi Arabia	A Study of Reference Electrodes for CP of Reinforced Concrete
Husain Al-Mahrous	Saudi Aramco	An Overview of Cathodic Protection Criteria
Jim Britton	Deepwater, USA	New Retrofit-able Technology is Used to Improve Offshore Pipeline CP Surveys, MFL In-line Tool Positioning and Anode Replacement
Keith J. Gainey	BAC Corrosion Control Arabia Ltd, Saudi Arabia	Condition Monitoring of Concrete Structures by the Use of Multi-Depth, Multi-Element Corrosion Monitoring Probes
Khaled Youssef	SOGEC, Saudi Arabia	Effect of AC Induced Voltage on CP System Anode Bed & Transformer Rectifier
M. Elboujdaini, et al.	CANMET, Canada	Effects of Cathodic Protection on Cracking of High-Strength Pipeline Steels
Mark Reed	Elecsys Corporation, USA	Economic and Operational Benefits of CP Remote Monitoring – A Survey of Experienced Operators
Mohammed Mughem Al-Otaibi	SABIC, Saudi Arabia	The Affect of Cathodic Shielding on Impressed Current Cathodic Protection System of Plant Corridor Pipelines
Muhammad Arsalan Khan Sherwani	Abdulla Fouad Impalloy Ltd. Co., Saudi Arabia	Costing & Pricing of Cathodic Protection System Projects
Naim M. Dakwar, et al.	Saudi Aramco	Saudi Aramco's Experience in Pilot Testing Cathodic Protection Current Measurement (CPCM) Technique
Pankaj Panchal et al	Abdulla Fouad Impalloy Ltd. Co., Saudi Arabia	Innovative Design for Deep Well Anode Bed in High Resistivity Area
Rodel U. Fernandez	Skylines Construction and Industrial Services, KSA	Mitigation of AC Transmission Lines Magnetic Field Effect on Corrosion
Salah A. Al-Sonaiyen, et al.	Saudi Aramco	Cathodic Protection System Improvement for Qurayyah Sea Water Treatment Filters
Saleh Al-Sulaiman, et al.	Kuwait Oil Company, Kuwait	The Correlation of External Corrosion Indirect Assessment with Inline Inspection for Pipelines
Craig Held	FreeWave Technologies, Inc., USA	Applications and Innovations for Battery Powered Remote Monitoring
Thierry Chevrot, et al.	Total, France	CP Current Attenuation and Distribution Over Immersed Pipelines: Critical Review of International Standards and 3D Modeling

Chemical and Water Treatment

Author	Affiliation	Paper Title
Ali A. Al-Taq, et al.	Saudi Aramco	Inhibition Performance of Synthesized Amine-based Corrosion Inhibitors in Concentrated HCl Acid Solutions: Effect of Intensifier
Andrew MacDonald	Clariant Oil Services UK Ltd., UK	Next Generation Kinetic Hydrate Inhibitor Development & Corrosion Inhibitor Compatibility
Cheolho Kang, et al.	DNV USA	The Study of Galvanic Corrosion in Multiphase Flow Conditions
Dr. Amir Hussain	Jubail Industrial College, Saudi Arabia	Novel Inhibitor Combinations for Corrosion Prevention
Dr. Enow Achuo Kima	Saudi Aramco	Oil Field Chemical Synergy in Oil and Gas Industry

Chemical and Water Treatment

Author	Affiliation	Paper Title
El-Sayed M. Sherif, et al.	King Saud University, Saudi Arabia	Effects of Exposure Time and 5-(3-Aminophenyl)-tetrazole on the Corrosion and Corrosion Inhibition of Magnesium/Manganese Alloy in Chloride Solutions
Garima Misra, et al.	Halliburton, USA	Environmentally Friendly Corrosion Inhibitor for Filter Cake Removal System
Glenn L. Scattergood	Nalco Company, Saudi Arabia	Improved Crude Unit Corrosion Control with Patented Analyzer
Greg Darby	BJ Chemical Services, USA	Chemical Treatment Through the Application of a Novel Foamed Chemical Technology
H. A. N. Al-Mazeedi, et al.	Kuwait Institute for Scientific Research, Kuwait	Studying Carbon Steel Inhibition in Minagish Effluent Water by Electrochemical Noise Technique and LPR
H.A.N. Al-Mazeedi, et al.	Kuwait Institute for Scientific Research, Kuwait	Monitoring of Carbon Steel Corrosion in Seawater Injection Plants in Northern Kuwait Oil Field at 37oC with a pH of 8.25
Kevin Milici	GE Water & Process Technologies, UAE	Stories in Innovation: Minimizing Fresh Water Consumption by Open Evaporative Recirculating Cooling Water Systems
Marc Lehmann, et al.	Baker Hughes Incorporated, USA	Development and Field Trial of Combination Hydrogen Sulfide Scavenger and Scale Inhibitor Treatment Chemical for Sour Gas Field Applications
Maslat Al-Waranbi, et al.	Saudi Aramco	Top of the Line Corrosion Control by Volatile Corrosion Inhibitors (Lab Assessment)
Mohd Farid Mohamed	Petronas, Malaysia	Corrosion Inhibition Testing for High Pressure CO2 Corrosion
Mohsen Achour, et al.	ConocoPhillips Company, USA	Effect of Acid Flowbacks on Corrosion Inhibition Effectiveness
Nawaf Ibrahim Al-Bakr, et al.	Saudi Aramco	Kinetic Study of a Mixture of Corrosion Inhibitors for 1018 Carbon Steel in Seawater Solution
P.D. Sillman, et al.	Nalco Saudi Company Ltd, Saudi Arabia	New Chemical Cleaning & De-Gassing Technologies
Sunder Ramachandran, et al.	Baker Hughes Incorporated, USA	New Fast Acting Non-Nitrogen Containing Hydrogen Sulfide Scavenger for Oil Lines
Vladimir Jovancicevic, et al.	Baker Hughes Incorporated, USA	Corrosion Inhibitor Development for Application in Challenging Sour Gas Production
Yahya T. Al-Janabi, et al.	Saudi Aramco	Applications and Limitations of pH Stabilization for Pipeline Corrosion Control

Corrosion Management

Author	Affiliation	Paper Title
Abdullah M. Al-Otaibi	Saudi Aramco	Effect of Oil Properties on the Corrosion Rate in Crude Oil Pipelines
Ashraf E. Al-Harbi	Saudi Aramco Shell Refinery Co. (SASREF)	Visbreaker Furnace Corrosion at SASREF
Albert Veld	Wintech Global	How to Make Your RBI Black Box Evolving Towards a Cristal Clear Integrity Management Tool
Dr. Osama M. Shawa	ENTECHS	Corrosion Management in RC Structures
Eric N. Freeman and Lee Shouse	T.D. Williamson, Inc. USA	Pipeline Performance Improvement using Special-Purpose Scrapers
Falah A. Al-Azizi Al-Mutairi, et al.	Eastern Petrochemical Company (SHARQ) – SABIC	Replacement of Ethylene Line due to Corrosion Under Insulation
Geir Instanes	ClampOn AS, Norway	Non Intrusive Corrosion-Erosion Monitoring for Subsea Applications
Gustavo Lopez Turconi, et al.	Tenaris, Argentina	Prevention and Corrosion Control
Hamad H. Al-Alwani	Saudi Aramco	Reliability Improvement of Corroded Relief Lines
James Chacko	GE Water & Process Technologies	Meeting Overheads Integrity Challenges due to New Trends in Refinery Operation
Jim Britton	Deepwater, USA	Seawater Side Corrosion Management Strategies for Ageing Offshore Oil & Gas Fixed Asset Groups
M.Al-Barout, et al.	Saudi Aramco	Mitigation and Monitoring in Oil Degassing, Spheroids & Stabilizers Units

List of Accepted Abstracts

Corrosion Management

Author	Affiliation	Paper Title
Mamdouh E. Al-Harbi	Saudi Aramco	Aramco Practices for Mitigation of Sweet Gas Corrosion
Muhammed H. Lutfallah	Saudi Aramco	Case Study: Risk-Based Inspection Study of LPG Compression and Deethanizer Plant
Munther A. Al-Hammad	Saudi Aramco	Utilization of RBI Methodology for T&I Extension
Murtadha A. Buhaiqa	Saudi Aramco	Corrosion Control: Mothballing (with Portable Nitrogen Generators)
Musaed Al Arada, et al.	Kuwait National Petroleum Co.	Integrity Operating Window: A Tool for Safe and Reliable Functioning of Process Units
Musaed Al-Arada, et al.	Kuwait National Petroleum Co.	Prediction and Assessment of Corrosion in Process Gas MEA System
Nurul Asni Mohamed	Petronas Malaysia	Enhancing RBI Program Through Corrosion Management Plan Implementation
Patrick J. Teevens, et al.	Kuwait Oil Company Liquid Petroleum	Internal Corrosion Direct Assessment (LP-ICDA) of Three "Non-Piggable Gravity" Crude Oil Export Pipelines using SP0208-2008
Rayed A. Al-Bassam	Saudi Aramco	Erosion/Corrosion at the Sulfur Exporting Plant at Berri Gas Plant
S.I. Al-Luqman, et al.	Saudi Aramco	Improvement of Amine Unit Operation by Utilizing Advanced Filtration System
Yasser Mubarak Al-Mowalad	Saudi Aramco	Corrosion Under Insulation Management

Corrosion Research & Modeling

Author	Affiliation	Paper Title
Abdel Salam Hamdy Makhlouf	KFUPM, Saudi Arabia	Nano-composite and Ternary-alloy Protective Coatings for Steel
Abdulaziz A. Mathami	Saudi Aramco	High Temperature Corrosion of Nanostructured Stainless Steel Consolidated Materials using SPS and Hot Press
Abul K. Azad, et al.	KFUPM, Saudi Arabia	Loss of Strength of Reinforced Concrete Members from Corrosion Damage
Ahmad Zaki B Abas	Petronas, Malaysia	Integrity Driven Blending Optimization for Processing Opportunity Crude
Ashraf T. Mohamed, et al.	Al-Baha University, Saudi Arabia	A Comparison between H ₂ S and CO ₂ Corrosion of Oil Pipelines
A. Khourshid, et al.	Tanta University, Egypt	Effect of Laser Beam Welding Parameters on Fusion Zone Size and Microstructure of Duplex Stainless Steels
H. Zubeir	University of Bahrain, Bahrain	Pitting Corrosion Behavior of AISI 316L in Chloride-CO ₂ (sat.) Solutions
H. Sitepu, et al.	Saudi Aramco	Texture Characterization of Corrosion Products Formed in Oil and Gas Pipelines by the Rietveld Method
Ihsan-ul-Haq Toor, et al.	KFUPM, Saudi Arabia	Problem of Stress Corrosion Cracking and Its Prediction Based on Repassivation Kinetic Studies
M.H. Allahyarzadeha, et al.	Petroleum University of Technology, Iran	Electrochemical Deposited Ni-Mo-TiO ₂ Nanocomposite Coating with High Resistance to Corrosion in Nitric Acid Solution
Mansour A. Al-Shafei, et al.	Saudi Aramco	ESEM Study of Ettringite Induced Micro-Cracking of Concrete at Saudi Aramco Plant
Mimoun Elboujdaini	CANMET, Canada	Initiation of Environmentally-Assisted Cracking in Low-Alloy Steels
Nayef M. Al-Anazi, et al.	Saudi Aramco	Downhole Corrosion in Wet Sour Crude Oil Wells: Literature Survey and Industrial Experiences
Rihan Omar Rihan, et al.	KFUPM, Saudi Arabia	A Sophisticated New Flow Loop for Studying the Multiphase Flow in Petroleum Pipelines
Ry Collier	Exova, U.A.E.	Sour Gas Testing: Specification Review and Recent Advances
Sami M. Al-Ghamdi, et al.	Saudi Aramco	The Effect of Chemical Inhibitors on Mitigating Hydrogen Environment Assisted Cracking of Ultra-High Strength Steel
Shouwen Shen, et al.	Saudi Aramco	X-ray Diffraction Technique Application in Evaluating the Damage of the Blade of Gas Turbine Engine

Materials Selection, Failure Analysis & Welding

Author	Affiliation	Paper Title
A. Al-Shamari, et al.	Kuwait Oil Company, Kuwait	Grade 321 Stainless Steel Piping Failure in a Crude Recovery Unit
Abdullah M. Al-Otaibi	Saudi Aramco	Troubleshooting Repetitive Tube Failure in Heat Exchanger
Bader Al-Otaibi, et al.	Kuwait National Petroleum Co., Kuwait	Failure of Fractionator OVHD Crude Exchangers in Crude Distillation Unit (CDU).
Falah A. Al-Azizi Al-Mutairi, et al.	(SHARQ) – SABIC, Saudi Arabia	DEG & MEG Tanks CUI Damage Contributed S. C. C. on S.S Roof --- 1EG Plant
Falah A. Al-Azizi Al-Mutairi, et al.	(SHARQ) – SABIC, Saudi Arabia	EO Leak from 1C1301 LERA Column --- 1EG Plant
Hamad H. Almostaneer, et al.	Colorado School of Mines, USA	Optimizing Hot Tapping Using the Neural Networks Modeling Approach
Hamad H. Almostaneer, et al.	Colorado School of Mines, USA	In-Situ Internal Repairs of Pipeline Flaws by Welding in Extreme Fluid Environments
Henk P.E. Helle	CorrosionControl. Nu BV, The Netherlands	Five Fatal Flaws in API RP 581
Khairil Nizam Khirudin, et al.	Petronas, Malaysia	PGB Piping Integrity Management System
Khairil Nizam Khirudin, et al.	Petronas, Malaysia	M-102 Cold Separator Cracking Investigation and Fitness for Service
Li Hailin	CACT Operators Group, China	Failure Analysis of Stainless Steel Tubes in Offshore Platform
M. Song, et al.	KAUST, Saudi Arabia	Overview of Available Models of Hydrogen Induced Blisters Extension in Steel Pipes
Michael A. Welch	Aquilex Arabia Ltd., Saudi Arabia	Advanced Technology for Permanent Field Repairs of Process Corrosion/Erosion Damage in Major Mechanical Equipment
Michael Davidson	Saudi Aramco	Use of Ultrasonic Creeping Waves for Detection and Sizing of Surface-Breaking Cracks on an Opposite Surface
Mohamed Abou Zour, et al.	GE Water & Process Technologies, UAE	Investigation of Galvanic Corrosion of Monel Fittings in a SWRO Desalination System
Mohammed A. Al-Anezi, et al.	Saudi Aramco	SOHIC as a Secondary Cause of Failure
Saad Al-Dhafiri, et al.	Kuwait National Petroleum Co., Kuwait	Failure of SS 304H Convection Preheater Coil of Hydrogen Reformer due to Polythionic Acid Stress Corrosion Cracking (PASCC)
Saad Al-Dhafiri, et al.	Kuwait National Petroleum Co., Kuwait	Dew Point Corrosion of Transition Cone of FCCU Regenerator – A Case Study
Tariq Al-Ghamdi, et al.	Colorado School of Mines, USA	Development of Low Transformation Temperature (LTT) Welding Consumables
Trent Mackenzie	Allegheny Technologies International Inc., U.A.E.	Super Austenitic Stainless Steels, the Use and Limitations of the Grades in Corrosive Environments
Yasser A. Al-Hamadi	Saudi Electricity Company, Saudi Arabia	Repairing of Boiler Super Heater Crown Plate

Nonmetallic Materials

Author	Affiliation	Paper Title
A. Adriano Ureña Adamuz	OLLEARIS S.A., Spain	Hydrochloric Acid Corrosion on Fiberglass Reinforced Polyester (FRP) and Dual Laminates (Thermoplastic Liner + FRP)
Abdullah A. Al-Shahrani	Saudi Aramco	Layered Silicate Nanocomposites
Albert Casas	UNEX Aparellaje Electrico, S.L., Spain	Importance of the Insulating Cable Management Systems in Corrosive Environments
Bader M. Al-Jarallah, et al.	Saudi Aramco	The Utilization of Nonmetallic Valves in Saudi Aramco
Dawn Norris	Clock Spring Company, U.K.	Long - Term Durability of Clock Spring Repairs – Recent Removals and Examinations
Hans Bos, et al.	Dynaflow Research Group bv, The Netherlands	FRP Piping Response to Dynamic Load Conditions
Jan Steen, et al.	Consultant, Netherlands	Life Time Prediction of GRP Piping Systems



List of Accepted Abstracts

Nonmetallic Materials

Author	Affiliation	Paper Titles
Kevin Waterton, et al.	Intertek CAPCIS, U.A.E.	Application of Glass Reinforced Epoxy (Gre) Lining Barriers in Downhole Tubing for Gas Production Under Sour Conditions
Mohana Murali, et al.	Borouge Pte Ltd, U.A.E.	Innovative High Stress Crack Resistant PE for Lining Oil Flow and Water Injection Pipelines
Nicola Avanzini, et al.	Selip SpA, Italy	FRP Stack for Industrial Application: Focus on Adopted Solutions
Riad El Ferkh, et al.	Future Pipe Industries, Saudi Arabia	Successful Application of Reinforced Thermoset Resin Pipe (RTRP) for Oil and Gas Production in the Kingdom of Saudi Arabia
Robert H. Davis	Western Falcon, Inc., USA	Successful Injection, Disposal, and Production Well Applications of Thermoplastic Lined Downhole Tubing: A Compilation of Case Histories Dating Back to 1995
Sadath A Khan, et al.	Amiantit FIBERGLASS Ind. Ltd, Saudi Arabia	Secondary Containment GRP Storage Tanks-Leak Detection Systems Safe Way of Dealing with Various Fluids
Simon R. Frost	Walker Technical Resources, U.K.	Large Scale Pipework Rehabilitation Projects Using Composite Repairs
Youssef Taha, et al.	Borouge Pte Ltd, U.A.E.	Polyolefin Materials (PE/PP) for Larger Diameter Cooling Systems
Yves Lenaerts	T.D. Williamson, Inc., USA	Rehabilitation of Two 42-inch Water Cooling Pipelines with RES-Q® Composite Wrap
Zaid S. Farraj	Saudi Aramco	Moving Tanks Repair Forward; Nonmetallic Composite Repair Applied on Tank Corroded Cone Roof at Saudi Aramco RT Terminal

Microbially Induced Corrosion

Author	Affiliation	Paper Title
A. Al-Shamari, et al.	Kuwait Oil Company, Kuwait	Microbial Corrosion Issues in KOC's Crude Oil Production and Processing Facilities
Andy Price	Oil Plus Ltd, U.K.	Novel MIC Mitigation Strategies and Improved Microbiological Monitoring Techniques
Peter Sanders, et al.	Saudi Aramco	Modern Strategies for Monitoring Microbially Influenced Corrosion
Hussain Almahamedh	Colorado School of Mines, USA	Use of High Frequency Ultrasonic Waves to Mitigate Microbial Corrosion
Chris Jones, et al.	Rhodia UK Limited, U.K.	A Holistic Approach to Controlling Microbial Induced Corrosion Using a Novel THPS/Polymer Formulation
Faisal M. Al-Abbas, et al.	Saudi Aramco	Effects of Sulfate Reducing Bacteria on the Corrosion of Carbon Steel Pipelines
Gary Jenneman	ConocoPhillips Company, USA	Managing Risk and Uncertainties
Hussain Almahamedh	Colorado School of Mines, USA	Concepts Microbes Inhibition of Corrosion
Hyung-Soo Park, et al.	University of Calgary, Canada	The Role of Acetate in Microbially-Influenced Corrosion
James F. D. Stott	Intertek-CAPCIS Limited, UK	Implementation of Nitrate Treatment for Reservoir Souring Control: Complexities and Pitfalls
Joseph M. Suffita, et al.	University of Oklahoma, USA	Molecular Tools to Track Bacteria Responsible for Microbial Influenced Corrosion
Kenneth Wunch	Baker Hughes Incorporated, USA	Development of a Novel, Green Biocide with a Superior HS&E Profile for Oilfield Applications
M.A. Al-Moniee, et al.	Saudi Aramco	Identification and Control of Microbial Corrosion in Oil Pipelines
Mazen A. Al-Saleh, et al.	Saudi Aramco	Microbially Influenced Corrosion Assessment in Crude Oil Pipelines
S. A. Al-Dossary, et al.	Saudi Aramco	Failure of Fin Fan Cooler Tubes due to MIC at Crude Oil Stabilizer Units (Case Study)
Said A. Yousef, et al.	Saudi Aramco	Study to Evaluate Biocide Treatment Program in Controlling Microbial Corrosion of Seawater Injection System of Saudi Aramco
Scott Campbell	Ecolyse, Inc., USA	Initial Studies Employing Metagenomics Analysis and Bacterial Phage Technology to Mitigate Microbial Influenced Corrosion
T Granli, et al.	Yara International ASA, Norway	Nitrate Injection to Prevent Reservoir Souring

Protective Coatings

Author	Affiliation	Paper Title
Amal Al-Borno, et al.	Charter Coating Services Ltd., Canada	New Specification for Internal Liquid Epoxy Coating Systems for Carbon Steel Pipes and Line Pipes
Andreas aus der Wieschen, et al.	Bayer Material Science, Germany	Rigid Polyurethanes for Advanced Pipe Coatings
Abdul Hameed Mohammad, et al.	Saudi Aramco	Internal Coating Assessment in Major Vessels of Operating Gas Oil Separation Plants (GOSPs)
David Manuel	BASF, Malaysia	SOGIC (Sewage, Oil and Gas Industrial Coatings)
Fabio Aguirre, et al.	The Dow Chemical Company, USA	Accelerated Aging of Fusion Bonded Epoxy Coatings
Gunther Blitz, et al.	ROPLAST Intelligent Plastic Solutions, Switzerland	From Erosion Protection to Corrosion Prevention – Newly Discovered Properties of High Performance Elastomers
Khalfan Al Muhairi, et al.	Borouge Pte Ltd., U.A.E.	High Performance PE Top Coat System for Onshore Pipeline Coating
Michael S. Osborne	Nukote Coating Systems International, USA	Advanced Polymer Coatings - Thick Film Coating System Technologies
M. Pazderová, et al.	Aeronautical Research and Test Institute, Czech Republic	Evaluation of Composite Coatings Based on Zn
Mads Juul, et al.	Hempel A/S, U.K.	Novel Solvent Free Tank Coating for Storage of Hot Crude Oil
Paul Lenehan	Chesterton, USA	Composite Coatings to Protect Metal in Fluid Flow and Fluid Immersion Applications
Raymond Sewell	Akzo Nobel, U.K.	Corrosion Surveys for Maintenance Planning
Ray K. Vermillion	Saudi Aramco	Addressing Under-Deposit Corrosion in Seawater Exchangers Through the Use of Phenolic-Epoxy Coatings
Robert S. Lauer, et al.	NOV Tuboscope, Oman	New Advancements in the Abrasion Resistance of Internal Plastic Coatings
Turki A. Al-Khaldi	Saudi Aramco	Nanoscale Surface Modification for Enhancing the Corrosion Performance of Epoxy Organic Coatings
Tariq Al-Masoud, et al.	Kuwait Oil Company, Kuwait	Coating Personnel Qualification – A Key for Better Protection
Zuhair Gasem, et al.	KFUPM, Saudi Arabia	Hot Corrosion of Air-plasma Sprayed Thermal Barrier Coatings used in Land-based Gas Turbines

Poster Session

Author	Affiliation	Paper Title
M. Pazderová, et al.	Aeronautical Research and Test Institute, Czech Republic	Methods of Zn-PTFE Composite Coatings Characterisation
Tariq Al-Ghamdi, et al.	Colorado School of Mines, USA	Distortion Behavior of Steel Welds Using Low Transformation Temperature Welding Wires



Conference/Workshop Registration Form

14th Middle East Corrosion Conference & Exhibition, February 12-15, 2012, Gulf International Convention Center, Gulf Hotel, Kingdom of Bahrain

Title: Dr./Mr./Mrs./Miss.....

First Name..... Middle Name..... Family Name.....

Position Department

Organization

P.O. Box Address

City Country Postal Code.....

Telephone FAX Mobile

E-mail

Method of Payment

Payment by one of the following must be included with the Registration Form:

- Please send invoice to the organization mentioned above (attach authorisation)
- I enclose a cheque/banker's draft payable to the Bahrain Society of Engineers

Bank Transfer - A/C No. 99065991, National Bank of Bahrain, Swift Code NBOBBHBM, Bahrain Society of Engineers

Please debit my AMEX Master Card Visa

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Card Holder's Name & Address (if different from above):

Signature: Date:

Conference Fee includes the following:

- Invitation to Opening Ceremony Dinner
- Conference Pack with Proceedings, etc.
- Attendance of all Conference Technical Sessions and One Workshop
- Admission to the Conference Exhibition
- Invitation to Luncheons and One Banquet Dinner
- Refreshments during Breaks

Cancellation & Refunds:

Cancellation must be received in writing to the Conference Secretariat. A cancellation fee of BD 30 (US\$ 80) will be charged for cancellation received before December 31, 2011. After this date no refund will be given.

Conference Registration Fees			
	FULL REGISTRATION (EARLY BIRDS) <small>Before November 30, 2011</small>	FULL REGISTRATION <small>After November 30, 2011</small>	ONE DAY ONLY
NACE/BSE	<input type="checkbox"/> SR 1500	<input type="checkbox"/> SR 1850	<input type="checkbox"/> SR 950
MEMBERS	<input type="checkbox"/> BD 150	<input type="checkbox"/> BD 185	<input type="checkbox"/> BD 95
AUTHORS	<input type="checkbox"/> US\$ 405	<input type="checkbox"/> US\$ 500	<input type="checkbox"/> US\$ 260
NON MEMBERS	<input type="checkbox"/> SR 1750	<input type="checkbox"/> SR 2100	<input type="checkbox"/> SR 1150
	<input type="checkbox"/> BD 175	<input type="checkbox"/> BD 210	<input type="checkbox"/> BD 115
	<input type="checkbox"/> US\$ 475	<input type="checkbox"/> US\$ 565	<input type="checkbox"/> US\$ 310
STUDENTS	FREE	<input type="checkbox"/> SR 500	<input type="checkbox"/> SR 200
		<input type="checkbox"/> BD 50	<input type="checkbox"/> BD 20
		<input type="checkbox"/> US\$ 135	<input type="checkbox"/> US\$ 55

	Workshop Title
1 <input type="checkbox"/>	Practical Considerations for Cathodic Protection Field Measurements
2 <input type="checkbox"/>	Welding in the Oil and Gas Industry
3 <input type="checkbox"/>	Reverse Osmosis Membrane Technology for Water Desalination
4 <input type="checkbox"/>	Managing Pipeline Integrity in Ageing Facilities in the Oil & Gas Industry
5 <input type="checkbox"/>	Corrosion Management of Critical Areas in Vessels

Note:

1. Workshops are free of charge.
2. One workshop registration is allowed for each delegate with full registration.
3. Workshops are available on a first come, first serve basis.
4. One day conference registration will not be eligible for any workshop.

Please send this completed registration form along with appropriate fees to:

Bahrain Society of Engineers
P.O. Box 835, Manama, Kingdom of Bahrain
Tel: (+973) 17727100, 17810733, Fax: (+973) 17827475
E-mail: bseng@batelco.com.bh
or register online at: www.mecconline.org

Sponsorship Form

Companies are invited to sponsor the conference.
Please refer to the sponsorship benefits or visit the conference website: www.mecconline.org

Our company is pleased to sponsor the conference as follows:			
<input type="checkbox"/> Platinum Sponsor	SR 75,000	BD 7,500	US\$ 20,270
<input type="checkbox"/> Gold Sponsor	SR 50,000	BD 5,000	US\$ 13,500
<input type="checkbox"/> Silver Sponsor	SR 35,000	BD 3,500	US\$ 9,500
<input type="checkbox"/> Conference Dinner	SR 50,000	BD 5,000	US\$ 13,500
<input type="checkbox"/> Luncheon	SR 35,000	BD 3,500	US\$ 9,500
<input type="checkbox"/> Publication	SR 25,000	BD 2,500	US\$ 6,750

Company _____

Contact Person _____

Mailing Address _____

City _____ Country _____ Postal Code _____

Telephone _____ Fax _____ Email _____

Signature _____

Date _____

Please mail or fax this form to:

Conference Secretariat
14th MIDDLE EAST CORROSION CONFERENCE & EXHIBITION
Bahrain Society of Engineers
P.O.Box 835, Manama, Kingdom of Bahrain
Tel.: (+973) 17810733, Fax: (+973) 17827475
Email: bseng@batelco.com.bh

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	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Company name and logo will be presented in all branding and marketing materials in proportionate sizes.	<input checked="" type="checkbox"/>	FULL	<input checked="" type="checkbox"/>	HALF	<input checked="" type="checkbox"/>	HALF
Company will be honored with a plaque by the conference patron at the opening ceremony.	<input checked="" type="checkbox"/>	1 st	<input checked="" type="checkbox"/>	2 nd	<input checked="" type="checkbox"/>	3 rd
Company is entitled for stand fittings at exhibition hall.	<input checked="" type="checkbox"/>	12 sq. m	<input checked="" type="checkbox"/>	8 sq. m	<input checked="" type="checkbox"/>	6 sq. m
Number of free delegates.	<input checked="" type="checkbox"/>	5 DELEGATES	<input checked="" type="checkbox"/>	3 DELEGATES	<input checked="" type="checkbox"/>	2 DELEGATES
Company's publicity materials included in conference pack.	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Company name, logo, and brief profile published on the conference website in proportionate sizes.	<input checked="" type="checkbox"/>	FULL	<input checked="" type="checkbox"/>	HALF	<input checked="" type="checkbox"/>	HALF
Company logo will be displayed in the conference hall.	<input checked="" type="checkbox"/>	2 X 2 m	<input checked="" type="checkbox"/>	1.5 X 1.5 m	<input checked="" type="checkbox"/>	1 X 1 m
Company name and logo will be published in the conference proceedings.	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Company advertisement in the exhibition guide.	<input checked="" type="checkbox"/>	2 FULL PAGES	<input checked="" type="checkbox"/>	1 FULL PAGE	<input checked="" type="checkbox"/>	HALF PAGE
Sponsor's head delegate or representative will be a VIP member.	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Recognition of support on the Conference website.	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	



Exhibition Booking Form

14th MIDDLE EAST CORROSION CONFERENCE & EXHIBITION

Gulf International Convention Center, Gulf Hotel, Kingdom of Bahrain

February 12-15, 2012

Company _____

Name of Representative _____

Position _____

Mailing Address _____

City _____ Country _____ Postal Code _____

Telephone _____ Fax _____ Email _____

Products or Services to be displayed _____

Signature _____ Date _____

Option A No. of Stands Required

- Shell Scheme Package
- Participation Fees: SR 8,500 or BD 850 or US\$ 2300 (per 6 sq.m)
- Select desired stand numbers from the exhibition layout.

Stand Number(s)

White wall panels 2.5 m Height. Carpet floor, 2 Tables with 3 Chairs, 2 fluorescent lights, one 13 Amp power supply (3 pin) and a waste basket.

Option B

- Stand space only (Minimum 6 sq. m)
- Participation Fees: SR 1400 or BD 140 or US\$ 380 (per sq. m)

Stand Number(s)

Participation does not include any stand construction except one 13 Amp power supply.

Payment may be made by Bank Draft/Cheque payable to:

Bahrain Society of Engineers, A/C No. 99065991, National Bank of Bahrain (Main Branch), Swift Code: NBOBBHBM

Conference Secretariat

Bahrain Society of Engineers, P. O. Box 835, Manama, Kingdom of Bahrain
Tel: (+973) 17810733, Fax: (+973) 17827475, Email: bseng@batelco.com.bh



Exhibition

An Exhibition will be held in conjunction with the technical sessions within the conference venue. The Exhibition is intended to provide an opportunity for companies, consultancy and research organizations to display and demonstrate their activities and services relating to corrosion industry.

The standard exhibition stand is 3 m wide and 2 m deep with 2.5 m height. Stand fittings will consist of system stand, carpet floor, two fluorescent lights, fascia board in English, one electrical power point and sufficient tables and chairs. In addition, each exhibitor will avail the following benefits:

- Exhibitors names will be published in the conference website.
- Exhibitors profile and logo will be included in the Conference Proceedings CD/USB.
- A brief profile (10 lines) of each exhibitor will be included in the official exhibition guide free of charge which will be circulated to all VIPs, visitors and participating delegates.
- Each exhibitor is entitled to one full conference package (1 delegate).
- Advertising space with nominal charges will be available in the Exhibition Guide.

EXHIBITION COST

- One full exhibition stand with fittings costs SR 8,500 or BD 850 or US\$ 2,265 per 6 sq. m.
- Exhibition space without fittings costs SR 1,400 or BD 140 or US\$ 370 per sq. m (minimum size is 6 sq. m).

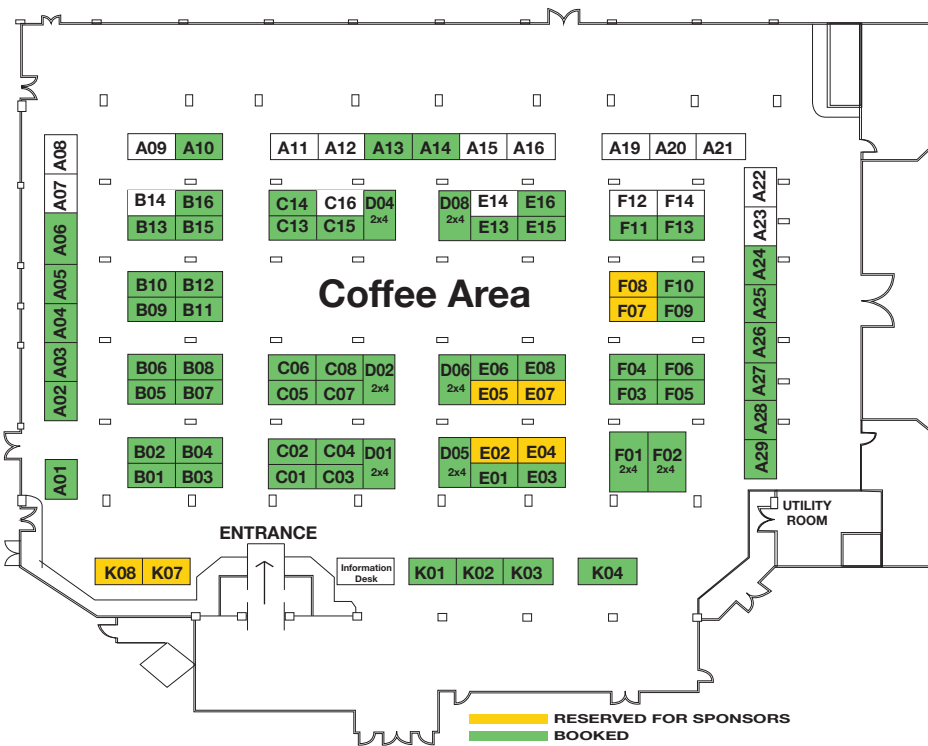
For further details about the Exhibition please contact:

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Manama, Kingdom of Bahrain
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Fax: +973-17-827475
Email: bseng@batelco.com.bh

Mr. Mohammed Al-Barout
Saudi Aramco
P.O. Box 6488
Dhahran 31311, Saudi Arabia
Tel: +966-3-880-9578, Fax: +966-3-875-8292,
E-mail: mohammed.barot@aramco.com



Exhibition Layout



Gulf International Convention Center
Gulf Hotel, Kingdom of Bahrain

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GE Power & Water Process Technologies.	UAE	K02
GE Power & Water Process Technologies.	UAE	K03
SIPCO Paints	Saudi Arabia	C01
SIPCO Paints	Saudi Arabia	C02
SIPCO Paints	Saudi Arabia	C03
SIPCO Paints	Saudi Arabia	C04
SIPCO Paints	Saudi Arabia	D01
Arabian Pipe Coating Co.	Saudi Arabia	C06
Arabian Pipe Coating Co.	Saudi Arabia	C08
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Hempel Paints	Saudi Arabia	D04
Dahlman Middle East W.L.L.	Bahrain	F01
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Clariant Ali Al Abdulla Al Tamimi Co. Ltd	Saudi Arabia	F02
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Riyadh Geotechnique & Foundations	Saudi Arabia	E15
Ali A. Tamimi trading Co.	Saudi Arabia	C05
Ali A. Tamimi trading Co.	Saudi Arabia	C07

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EXHIBITORS		
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Axis Inspection Technologies	Saudi Arabia	C13
Faredh Company	Saudi Arabia	B15
COSASCO Corrosion & Technical Services (Bahrain)	USA	A02
COSASCO Corrosion & Technical Services (Bahrain)	USA	A03
Maxtube Limited	UAE	B05
Clampon	Norway	A27
FF-Automation	Finland	F10
Elecsys Corporation	USA	F05
HATCON	Saudi Arabia	F09
SENTINEL/QSA Global Inc	USA	B06
S3C	Saudi Arabia	A24
SAUDI PULTRUSION INDUSTRY	Saudi Arabia	B09
BSS Technologies	UAE	A05
BSS Technologies	UAE	A06
Plasticon Europe	The Netherlands	A26
Western Falcon	USA	F06
NDT & CCS	Saudi Arabia	B10
Al Estagamah Service & Trading Est	Saudi Arabia	B13
Chemical Newtech	Italy	A01
Ercon Composites	India	C14
Safari Oil & Gas	Saudi Arabia	B16
TCR Arabia	Saudi Arabia	E16
Allegheny Technologies International Inc (Hadi Al Hammam)	UAE Saudi Arabia	A28
Allegheny Technologies International Inc (Hadi Al Hammam)	UAE Saudi Arabia	A29
Abdulla Fouad-Impalloy Ltd. Co.	Saudi Arabia	A25
A. A. Turki Group (RISAL)	Saudi Arabia	A13
Reabrook Limited. UK (Arrow & Nielsen)	UK	A10
Sigma Paints	Saudi Arabia	A14
Shipham Valves	UK	F13

★ As of 23rd August 2011 ★



Hotel Information

CONFERENCE VENUE

Gulf Hotel is a landmark in Manama just 10 minutes away from Bahrain International Airport and 5 minutes from the City Centre. The Gulf Hotel offers 366 well-appointed rooms of gracious style, uncompromising efficiency and thoughtful technology. The impressive and unrivalled Gulf International Conference & Exhibition Centre offers exhibition, meeting and pre-function areas with unequalled state of the art facilities. The hotel houses many of Bahrain's leading restaurants. For more information, please visit the Gulf Hotel website: www.gulfhotehbahrain.com.

Entry Visa Information

For a short-term Visa, please visit www.bahrain.bh
or check your eligibility from www.evisa.gov.bh

- All other Nationals residing in GCC and have a valid Residence Permit in their respective countries for minimum 6 months will get an entry Visa for Bahrain for a period of one week on arrival at the Bahrain Airport or Causeway.
- Nationals of some EU countries, Australia, Canada, Japan, New Zealand, Norway, Switzerland and USA may obtain Visas on arrival for tourist or business stays of up to 2 weeks. The fee is approximately US\$13. If working for a media company (e.g., a newspaper or TV company) a special invitation from the Bahrain authorities is required.
- All other nationals should send their passport copies to the Conference Secretariat at least two weeks prior to the conference for arranging their one week Visa. There will be a fee for Visa stamp and handling BD 20 or US\$ 55 to be paid to the Conference Secretariat in advance through bank transfer or credit card mail order.

CANCELLATION POLICY

- Cancellation must be received in writing to the Conference secretariat.
- No refund for Sponsorship since their logo and Company name is published in all publicity materials.
- 10% will be deducted if Exhibition Stand booking cancelled before December 31, 2011. After this date no refund will be given.

Conference Room Rates									
Room Type	Single Room		Double Room		Room Type	Single Room		Double Room	
	BD	US\$	BD	US\$		BD	US\$	BD	US\$
Superior Room	60	162	60	162	Platinum Room	100	270	110	297
Deluxe Room	70	189	70	189	Deluxe Suite (1 Bedroom Suite)	250	675	250	675
Grand Deluxe Room	80	216	80	216	Luxury Suit (2 Bedroom Suite)	325	678	325	678
Luxury Room	75	203	75	203					

The above room rates are on a per room per night basis exclusive breakfast. The above room rates are subject to 15% service charge and 5% Government Levy. Please contact Gulf Hotel at rgc@gulfhotehbahrain.com.



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