12-14 March 2019 | The Regency Hotel, State of Kuwait

“IMPROVING EFFICIENCY IN NATURAL GAS PROCESSING - WELLHEAD TO MARKET”

CONFERENCE AGENDA
DAY 1 - TUESDAY 12TH MARCH 2019

MORNING SESSION

07:30 – 08:30  CONFERENCE REGISTRATION

08:30 – 08:50  OPENING REMARKS

Ms. Wadha Ahmad Al-Khateeb
Manager - Technical Services
Kuwait National Petroleum Company (KNPC)
Chairman - GPA GCC Chapter

08:30 – 08:50  INAUGURATION VIDEO & OPENING REMARKS

08:50 – 09:10  KEY NOTE SPEECH 1

H.E. Dr. Khaled al-Fadhel
Minister of Oil & Minister of Electricity & Water
State of Kuwait

09:10 – 09:30  KEY NOTE SPEECH 2

Mr. Waleed Al-Bader
Chief Executive Officer
KNPC

09:30 – 10:00  AWARD CEREMONY

10:00 – 10:30  EXHIBITION OPENING

H.E. Dr. Khaled Al-Fadhel
Minister of Oil & Minister of Electricity & Water
State of Kuwait

10:30 – 11:00  COFFEE BREAK
PANEL DISCUSSION

11:00 – 12:00 LNG OPPORTUNITIES & CHALLENGES IN THE GCC REGION

PANEL MODERATOR

Dr. Hasan Qabazard
Chief Executive Officer
Kuwait Catalyst Company (KCC)

PANELISTS

Sh. Khaled A. Al-Sabah
DMD - International Marketing Sales
KPC

Mr. Martin Copp
Chairman
GPA Europe Chapter

Mr. Fahad A. Al-Dihani
Deputy CEO - Mina Ahmadi
KNPC

Mr. Rashid Almazrouei
Vice President - Strategy & Corporate Development
ADNOC

12:00 – 13:00 PRAYER & LUNCH BREAK
AFTERNOON SESSION

HALL 1

THEME: GAS PROCESSING

Session Chair: Mr. Abdullah Al-Ajmi
Team Leader - Clean Fuels Project Commissioning

13:00 – 13:25
Unit Capacity Hidden Opportunities: A Case Study (LPG Treaters Optimization)
Presenter: Ms. Fedhah Al Dabbous

13:25 – 13:50
Ju‘aymah NGL Fractionation LPG Merox Process Optimization
Presenter: Mr. Pukhraj Garg

13:50 – 14:15
Tail Gas Treating Unit Troubleshooting
Presenters: Mr. Rizwan Masood
Mr. L.K. Nandi
Ms. Nayef Alhamaidi

HALL 2

THEME: LNG

Session Chair: Mr. Hamad al-Zuwyer
Manager - Gas Operations

13:00 – 13:25
Dry-out Design Considerations and Practices for NGL Recovery Plants
Presenter: Mr. Scott A. Miller

13:25 – 13:50
Feasibility Study to Reduce Total Sulfur in LNG
Presenter: Mr. Onur Kirpici

13:50 – 14:15
The LNG Value Chain: From Wellhead to Wire – Maximizing Value for The Chain
Presenter: Mrs. Kindra Mcgregor

14:15 – 14:35 COFFEE BREAK
HALL 1

THEME: GAS PROCESSING

Session Chair: Mr. Fahad Al Ajmi
Team Leader - Gas Operations
MAA Refinery

15:00 – 15:00
ASPEN PIMS LP Model for LPG Trains
Long Term Planning
Presenters: Mr. Muthusamy Rajendran
Mr. Arbeea Ali Mohammad Al-Ajmi

15:00 – 15:25
High Pressure Drop of Cold Box (E-232-001/2) in LPG Train 4, MAA Gas Plant, Causes & Mitigations
Presenters: Mr. Anwar Behbehani
Mr. Mahmoud Lo’Ay Mukamis

15:25 – 15:50
Recovery of Propane and Butane from Demethanizer Bottom in ERU
Presenters: Mr. Abdulaziz Al-khabbaz
Mr. B. C. Satyanarayana

15:50 – 16:00
AFTERNOON SESSION WRAP-UP

HALL 2

THEME: NGL RECOVERY

Session Chair: Dr. Narjes Abul
Associate Research Scientist

14:35 – 15:00
Enhanced C2 Recovery Process by Utilizing Demethanizer Bottom Reflux Stream
Presenter: Mr. Ahmad Zaki

15:00 – 15:25
Presenter: Mr. Galip H. Guvelioglu

15:25 – 15:50
Reduced Turnover of LPG Vessel by Increasing the Loading Rate
Presenter: Mr. Abdullah Fahad N Al-ajmi

18:00 – 22:00
GALA DINNER

Venue: KOC Ahmad Al - Jaber Oil & Gas Exhibition Centre, State of Kuwait

*Note: Pre - Booking Required
DAY 2 - WEDNESDAY 13TH MARCH 2019

MORNING SESSION

HALL 1

THEME: GAS TREATING

Session Chair: Mrs. Shaima Ameen
Team Leader - Research & Technology

08:00 – 08:25
Unlocking the Potential of Existing Gas Processing Assets by Solvent Swaps: Case Studies
Presenter: Mr. Wilfredo L. Blas

08:25 – 08:50
Treatment Of Highly Sour NG Membrane-Amine Process
Presenter: Mr. Feras Hamad

08:50 – 09:15
Acid Gas Removal from Natural Gas by Using “Molecular Basket” Sorbent
Presenter: Mr. Xiaoliang Ma

HALL 2

THEME: PROCESS INTEGRATION

Session Chair: Mr. Qassem Dashti
Business Development Leader

08:00 – 08:25
Flare Assessment – Benefits of Dynamic Simulation in Flare System Adequacy Assessment
Presenters: Mr. Muhammad Anwar Ms. Marwa Al-Harrasi

08:25 – 08:50
Profit Improvement Opportunities by Integrating Existing Refining and Petrochemical in Kuwait
Presenter: Mr. Rathina Sabapathi

08:50 – 09:15
An Integrated Urban Plan for Co-Developing Oil & Gas Fields
Presenter: Mr. Athari Abdulrahman

09:15 – 09:40 COFFEE BREAK
**HALL 1**

**THEME: GAS TREATING**

**Session Chair:** Mr. Bader Al-Qaoud  
Manager - Operations Technical Support (OTS) Gas

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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>09:40 – 10:05</td>
<td>Stranded Gas No More – Turning Rich Sour Gas to Profits Using Bio-desulfurization Technology</td>
<td>Mr. Pinkesh Sanghani</td>
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<tr>
<td>10:05 – 10:30</td>
<td>DGA Re-Generator (Stripper) Trays Damage Lessons Learned</td>
<td>Mr. Abdullah Al-dera</td>
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<tr>
<td>10:30 – 10:55</td>
<td>Acid Gas Enrichment – More New Wrinkles on an Old Process</td>
<td>Ms. Angie Slavens</td>
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<tr>
<td>10:55 – 11:20</td>
<td>Optimizing Sour Gas Processing Capacity in High Pressure Amine Units</td>
<td>Mr. Makky Al-hassan</td>
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</table>

**HALL 2**

**THEME: FLOW ASSURANCE**

**Session Chair:** Mr. Khalid Al - Ajmi  
Team Leader - LNG Import Facility MAA Refinery

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<tr>
<td>09:40 – 10:05</td>
<td>Jurassic Gas Effect on Condensate Production at Slug Catchers KOC Case Study</td>
<td>Mr. Abdulaziz Al-shoumar</td>
</tr>
<tr>
<td>10:05 – 10:30</td>
<td>Managing Sand in Oman’s Deep Gas Field</td>
<td>Mr. Shriram Kalidas Pande</td>
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<tr>
<td>10:30 – 10:55</td>
<td>Liquid Management in A Large Diameter Associated Gas Pipeline</td>
<td>Mr. Araveandan Supremaniam</td>
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<tr>
<td>10:55 – 11:20</td>
<td>Understanding Flow Regimes and Erosion/Corrosion with Multiphase Simulation of the Rich Amine Line in an Acid Gas Handling Unit</td>
<td>Mr. Lanre Oshinowo</td>
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**MORNING SESSION WRAP-UP**

11:20 – 11:30

**PRAYER & LUNCH BREAK**

11:30 – 13:00
AFTERNOON SESSION

**HALL 1**

**THEME: HEALTH, SAFETY & ENVIRONMENT**

**Session Chair: Dr. Dawoud Bahzad**
Division Director - Science & Technology

13:00 – 13:25
Switching to Natural Gas in Kuwait
Reaps Economic and Environmental Benefits
Presenters: Mr. Osama Almathkour
Ms. Anfal Bahzad
Mr. Bader Al-Kankooni
Mr. Talal Yousef Hamadah

13:25 – 13:50
Monetization Opportunity in Existing Gas Processing Facilities by CO₂ Recovery
Presenter: Mr. Ajay Vyas

13:50 – 14:15
The Importance of Integrating HFE in Oil and Gas Projects
Presenter: Ms. Abeer Al-Rashdi

14:15 – 14:35
COFFEE BREAK

**HALL 2**

**THEME: PROCESS OPTIMIZATION**

**Session Chair: Mr. Hassan Alibrahim**
Ethylene Operations Leader

13:00 – 13:25
C3+ NGL Quality Solution – Successful Development and Implementation at Saudi Aramco
Presenter: Mr. Mohammad Boobaid

13:25 – 13:50
Energy Efficiency Thru Power Factor Correction
Presenters: Mr. Mazen Al-otaibi
Mr. S S Yadav

13:50 – 14:15
Product Quality Upgradation and Value Addition by Blending NGL Light Pentane with Crude Oil
Presenters: Mr. Poulouse Mathew
Mr. Abdulaziz Al-marri
**HALL 1**

**THEME: HEALTH, SAFETY & ENVIRONMENT**

**Session Chair:** Dr. Abdulazim Marafi  
KISR  
Senior Researcher Scientist

14:35 – 15:00  
Flare 3 Diversion Study & Execution of Qatar Gas Plant  
Presenters: Mr. Tachta Hidayat  
Mr. Fawaz Al-shammari

15:00 – 15:25  
External Chloride Stress Corrosion Cracking Failure in The Gas Plant Cold Blowdown SS304L Line  
Presenters: Mr. Mansour Alajmi  
Mr. Mohammad Almasilit

15:25 – 15:50  
Sustainability in Managing HSE Challenges in Gas Processing Facilities at KOC – Through Continual Improvement and Learning from Past Incidents  
Presenters: Mr. Christopher Devaraj  
Mr. Majed Al-Mutairi  
Mr. Shami Al-Enezi  
Mr. Saeed Aref

15:50 – 16:00  
AFTERNOON SESSION WRAP-UP AND CLOSING REMARKS

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**HALL 2**

**THEME: PROCESS OPTIMIZATION**

**Session Chair:** Mr. Ahmad Shenat  
Team Leader - Operations  
MAA Refinery

14:35 – 15:00  
Initiative of Enhancing the Efficiency of Refrigeration System for De-Ethanizer Overhead Cooling  
Presenter: Mr. Hae Yong Noh

15:00 – 15:25  
Enhancement of the Performance of Fin Fan Coolers by Water Spray Atomization System  
Presenter: Mr. Yusuf Alnafaiei

15:25 – 15:50  
NGL Plant Optimization Opportunities  
Presenters: Mr. Karthik Rajagopalan  
Mr. Ahmad Al-Own
### DAY 3 - THURSDAY 14TH MARCH 2019

#### MORNING SESSION

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<td><strong>THEME: SRU, MRU &amp; FILTRATION</strong></td>
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<tr>
<td><strong>Session Chair:</strong> Mr. Haidar Darweesh</td>
<td><strong>Session Chair:</strong> Mr. Talal Al-Otaibi</td>
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<tr>
<td>Team Leader - Maintenance</td>
<td>Team Leader - Gas Operations</td>
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<tr>
<td>MAA Refinery</td>
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<tr>
<td>08:00 – 08:25</td>
<td>08:00 – 08:25</td>
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<tr>
<td>Best Maintenance Practice - Identification and Testing of Tight Shut Off (TSO) for Emergency Shutdown Valves</td>
<td>Environmental Initiatives to Enhance Vapourisation Using Inhouse Skimming Tool</td>
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<tr>
<td>Presenter: Mr. Ankit Saxena</td>
<td>Presenters: Mr. Mohammad Al Mutairi Mr. Fawaz Al - Huwaidi</td>
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<td>08:25 – 08:50</td>
<td>08:25 – 08:50</td>
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<tr>
<td>Gas Turbine - Failure Analysis Case MAA Refinery, Kuwait</td>
<td>Sulphur Recovery Unit Shutdown Procedure Improvement</td>
</tr>
<tr>
<td>Presenter: Mr. Solaiman Alanezi</td>
<td>Presenters: Mr. Gerald Bohme Mr. Jan Kiebert</td>
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<tr>
<td>08:50 – 09:15</td>
<td>08:50 – 09:15</td>
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<tr>
<td>Maintenance and Turnaround Strategies &amp; Management of Gas Industry in Tatweer Petroleum</td>
<td>Removal of Mercury from Natural Gas</td>
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<tr>
<td>Presenter: Mr. Waleed Abdulla</td>
<td>Presenters: Mr. Mohamed Rizwan Mr. Mohit Narain</td>
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<td>09:15 – 09:40</td>
<td>09:15 – 09:40</td>
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<tr>
<td>Prevention, Mitigation, &amp; Management of Gas Hydrates in Natural Gas Pipelines</td>
<td>Enhance the Reliability of Acid Gas Removal Units with Retrofit and Rental Filtration Services</td>
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<td>Presenters: Ms. Loulwah Alyaqout Dr. Eissa Alsafran</td>
<td>Presenter: Mr. Olivier Trifilieff</td>
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<td>09:40 – 10:05</td>
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<tr>
<td><strong>COFFEE BREAK</strong></td>
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<td>Time</td>
<td>Session Title</td>
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<tr>
<td>10:05 – 10:30</td>
<td><strong>Hybrid Steam System to boost Sale Gas production in Ultra-Sour Gas Processing</strong>&lt;br&gt;<strong>Presenter:</strong> Mr. Saqib Sajjad</td>
</tr>
<tr>
<td>10:30 – 10:55</td>
<td><strong>Condensate Deep Extraction</strong>&lt;br&gt;<strong>Presenters:</strong> Mr. Abdulrahim Al-hoqani, Mr. Ahmed Al-mahroqi</td>
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<tr>
<td>10:55 – 11:20</td>
<td><strong>Stretching Plant Operation to 110% A Case Study</strong>&lt;br&gt;<strong>Presenter:</strong> Ms. Nouf Al Kaabi</td>
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<tr>
<td>11:20 – 11:45</td>
<td><strong>Oman LNG Digitalization in Operation’s (IOPS)</strong>&lt;br&gt;<strong>Presenter:</strong> Mr. Salah Al- Areimi</td>
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<tr>
<td>11:45 – 12:00</td>
<td><strong>AFTERNOON SESSION WRAP-UP AND CLOSING REMARKS</strong></td>
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<tr>
<td>12:00</td>
<td><strong>PRAYER &amp; LUNCH BREAK</strong></td>
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</table>
07:00 - 08:00  REGISTRATION

08:00 - 15:00  WORKSHOPS TIMING

Workshop 1  GAS CONDITIONING & DEWPOINT CONTROL
Instructor: Mr. Kefah A. Al-Faddagh
Gas Processing Consultant

Workshop 2  GAS SWEETENING (AMINE TREATING)
Instructor: Mr. Philip le Grange
Senior Treating Engineer

Workshop 3  GAS - PETROCHEMICAL INTEGRATION
Instructor: Mr. Mark Ballard
Director of Licensing, Europe, India Middle East and Africa
Instructor: Mr. Mohamed Belkheir
Technical Service and Development Manager, Dow Industrial Solutions EMEAI

Workshop 4  THE LNG VALUE CHAIN
Instructor: Mr. Malcolm Harrison
CEO - Harisiti Limited
Instructor: Ms. Kindra McGregor
Director - Oil and Gas Processing

Workshop 5  GAS COMPRESSION & TREATMENT STATIONS
Instructor: Mr. Abdul Rahman Hassan
Senior Gas Processing Engineer

Workshop 6  FILTRATION AND SEPARATION
Instructor: Mr. Martin Copp
Division Sales Manager, Parker Hannifin
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BRONZE EXHIBITORS
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<th>For Non-Member Companies</th>
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<tbody>
<tr>
<td>Conference</td>
<td>USD 800</td>
<td>USD 900</td>
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<tr>
<td>Workshop</td>
<td>USD 1000</td>
<td>USD 1200</td>
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<tr>
<td>Conference + Workshop</td>
<td>USD 1500</td>
<td>USD 1700</td>
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Yaser Al Qashar  
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Gulf Cooperation Council Chapter  
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