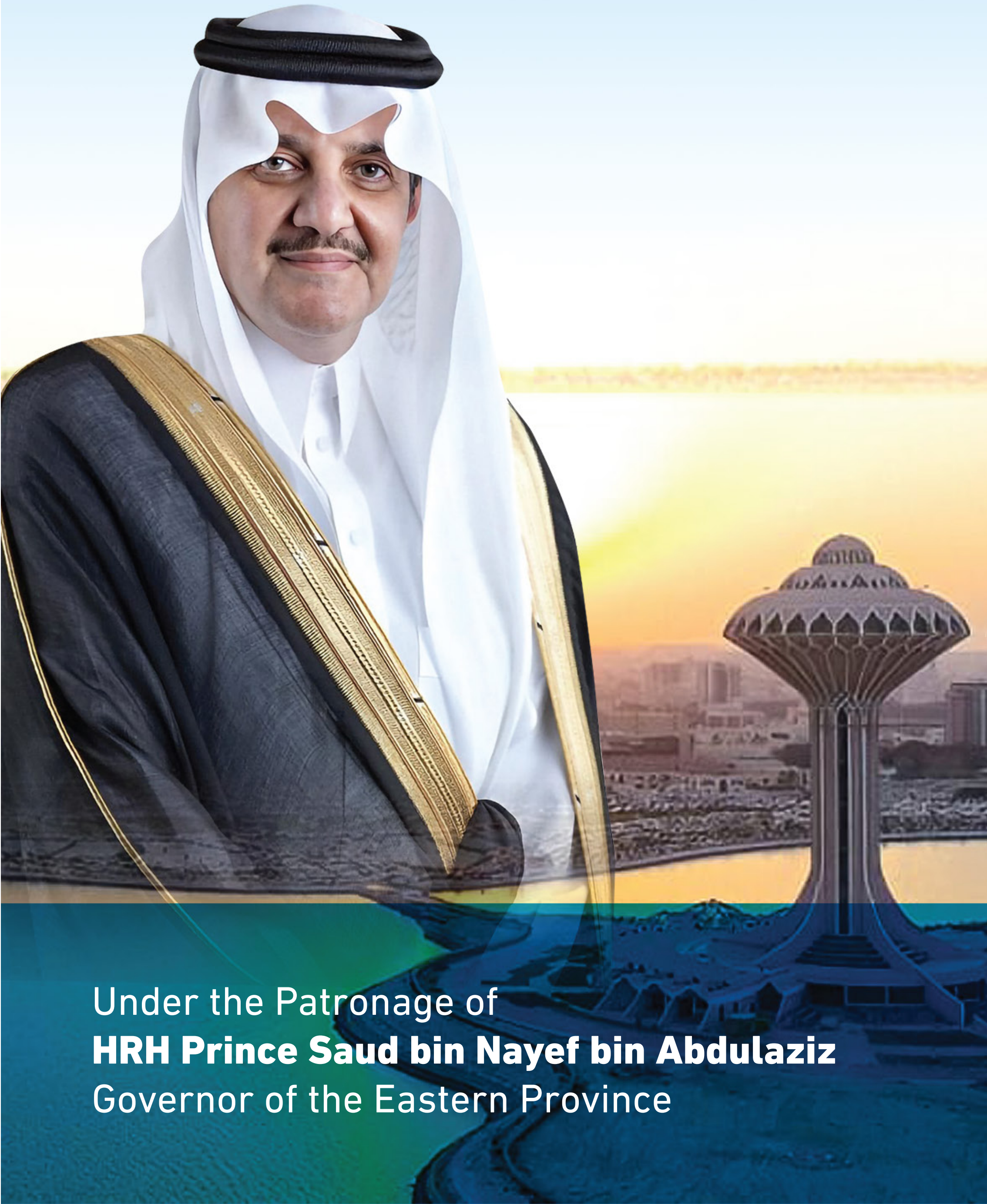




**SPICONX**  
Storage & Pipeline International  
Conference & Exhibition

INTERNATIONAL  
**VALVES**  
CONFERENCE AND EXHIBITION

## CONFERENCE PROGRAM



Under the Patronage of  
**HRH Prince Saud bin Nayef bin Abdulaziz**  
Governor of the Eastern Province

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## Day 1 | 3rd December, Tuesday, 2024

### MAIN HALL | OPENING CEREMONY

09:00 - 09:05	Opening Remarks: <b>Thabet AL Sawyeed</b> , Chairman, MAS Holding
09:05 - 09:15	Welcome Note by Conference Chairman: <b>Fawaz Al Shahan</b> , Senior Engineering Consultant, IIoT Leader and Chairman of Instrumentation Standards Committee, Saudi Aramco
09:15 - 09:20	Keynote Speech: <b>Eng. Khalid AlHabib</b> , Chief Strategic Planning & Development, Water Transmission Company
09:20 - 09:25	Keynote Speech: <b>Mohammed Ibrahim Ben Rshed</b> , Head of Strategy & Business Development, Abdullah A. Al Barrak & Sons Co.
09:25 - 09:40	Felicitations of Top: Tier Sponsors
09:40 - 11:10	<b>NETWORKING AND EXHIBITION BREAK</b>

### MAIN HALL | PLENARY PROGRAM

11:10 - 11:35	Development of water transmission systems and Strategic Storage <b>Eng. Ahmad AlZahrani</b> , Execution projects Management Executive Director, Water Transmission Company (WTCO)
11:35 - 12:00	Loading and Terminal Pipelines, a vital connection <b>Geert Bontekoe</b> , Service Line Manager, InVista® and PIMS, Quest Integrity
12:00 - 12:25	Achieving Efficiency and Excellence in Pipeline Projects using Advanced Intelligence - Robotic Welding for Piping Spool Fabrication <b>Ammar Albahrani</b> , Project and Construction Manager, BIN QURAYA EPC <b>Agha Umer Jamshed</b> , Head of Welding/Metallurgy, BIN QURAYA EPC
12:25 - 12:50	Presentation by: <b>DLPS</b>
12:50 - 14:10	<b>NETWORKING AND LUNCH BREAK</b>
14:10 - 14:35	Beyond Boundaries: Pioneering the Future of Robotic - Tethered inspections <b>Morten Husebo Solberg</b> , Senior Sales Manager, Rosen
14:35 - 15:00	Pipeline Integrity Management: Techniques and Tools for Monitoring and Maintaining Pipelines. <b>Dr. Taher Aljundi</b> , Director of the Training Institute, PIPECARE Training Academy

### VALVE ARENA | VALVES TECH PROGRAM

11:35 - 12:00	Hydrogen Leakage: Valves as a Safety Barrier <b>Saqib Ali Rana</b> , Principal Engineer Process Safety, WOOD PLC
12:00 - 12:25	How to increase plant reliability by Fisher™ Optimized Digital Valve for Compressor Antisurge Control Valves <b>Islam Othman</b> , Business Development Manager - Chemical & Petrochemical, Emerson
12:25 - 12:50	IMI : Retrofit3D: a new Upgrade solution using Advanced Manufacturing Technics <b>Bertrand Maillon</b> , Retrofit3D Leader, IMI-Critical Engineering
12:50 - 14:00	<b>NETWORKING AND LUNCH BREAK</b>
14:00 - 14:25	Flow Control and Sustainability <b>Lindsay Coutinho</b> , Head of Industry Management - Downstream and Chemicals, Valmet Flow Control Oy
14:25 - 14:50	Partial Stroke Testing (PST) <b>Naeem Al Asmar</b> , Senior Project Engineer, Industrial Valves Manufacturer
14:50 - 15:15	Valve Lifecycle Management with Blu's Condition Monitoring Solution <b>Arve Martinsen</b> , CEO & Managing Director, KAEPER Blu
15:15 - 15:40	Automatic Recirculation Valve - Sustainable Solutions <b>Santhosh AK</b> , Business Manager-Valves , KSB Middle East FZE

### HALL -A | SPICONX TECH PROGRAM

<b>Technological Innovations – Pipelines and Storage</b>	
12:00 - 12:25	Robotic Arm for Automatic Pipe Marking <b>Mohammad Alsultan</b> , VID – Quality Control Supervisor, Saudi Aramco
12:25 - 12:45	Inline Pipeline Isolation as an Alternative to Line Stopping <b>Mark Gault</b> , Vice-President, Middle East, STATS Group
12:45 - 14:00	<b>NETWORKING AND LUNCH BREAK</b>
14:00 - 14:25	Autonomous Terminals – The Key to Resilience against the Volatility of the Energy Industry. <b>Monica Florentina Hildinger</b> , Chief Product Officer, Implico Group
14:25 - 14:50	Partial Shell Replacement of Floating Roof Tank <b>Salman Alshammari</b> , Turnaround Lead Engineer in TA & Special Maintenance Department, SASREF
14:50 - 15:15	A Pathway to Thickness Measurement Locations <b>Chris Begent</b> , Commercial Director, Inductosense

### HALL -B | SPICONX TECH PROGRAM

<b>Operations, Maintenance &amp; Integrity Management</b>	
12:00 - 12:25	Simplified Method to Account for Macro Dynamic Effects Influencing Global Friction Factors in Large Diameter Liquid Pipelines <b>Luis Ortiz</b> , Engineering Specialist, Saudi Aramco
12:25 - 12:45	Cyclic Services of Pressure Vessels in Operating Facilities: Design and Inspection <b>Mohammed Y. Al-Hashem</b> , Lead Mechanical Engineer, Saudi Aramco
12:45 - 14:00	<b>NETWORKING AND LUNCH BREAK</b>
14:00 - 14:25	Black powder in Oil and Gas- Case Study and Solution. <b>Alaa Mahmoud</b> , Team lead - Internal Corrosion, Pipeline Specialist Unit, Saudi Aramco
14:25 - 14:50	Innovative Design Solutions for Ground Flare Challenges <b>Pravinkumar Patil</b> , Senior Maintenance Engineer, Saudi Aramco
14:50 - 15:15	Dehydrators Internals Integrity and Desiccant Loading Best Practices <b>Ibrahim A. Almuqbil</b> , Process Engineer, Saudi Aramco

END OF DAY 1

## Day 2 | 4th December, Wednesday, 2024

### MAIN HALL

### PLENARY PROGRAM

09:00 - 09:25	Pipeline Integrity Management Challenges and Opportunities <b>Ahmed Farouk</b> , General Manager Pipeline integrity Management Center of Excellence, GASCO
09:25 - 09:50	<b>Case Study</b> - Overview of the Kingdom's first Carbon Capture Storage Pipeline Network <b>Saleh N Al-Lajam</b> , Capital Project Leader, Saudi Aramco <b>Abdulmohsen Mumen</b> , Supervisor – Project Management, Saudi Aramco
09:50 - 10:15	Decarbonization Strategies: Pipeline and storage solutions to support the transition to low-carbon energy systems <b>Senior Representative</b> , Tenaris
10:15 - 10:45	<b>Fireside Chat</b> - Hydrogen and Integrity Moderator: <b>Gregory Ebel</b> , Technical Market Development Specialist, CBMM Participants: <b>Dr. Abdulrahman Anazi</b> , Director - Policies and Strategic Planning, Ministry of Energy <b>Eng. Ahmed Mohamed Farouk</b> , GM - Center of Excellence, GASCO
10:45 - 11:05	<b>NETWORKING COFFEE BREAK</b>
11:05 - 11:30	Innovations Undertaken to Enhance the Efficiency, Operational Excellence, Sustainability & Environment Stewardship of the Pipeline System <b>Pawan Agarwal</b> , VP, HPCL Mittal Energy Ltd.
11:30 - 11:55	Advanced Ultrasonic In-Line Inspection technology for Crack and Metal Loss in Liquid Pipelines <b>Jim Costain</b> , Director - Global Commercial Sales, NDTGlobal
11:55 - 12:35	<b>Panel Discussion</b> - Sustainability and Environmental Stewardship Moderator: <b>Jameel Banoo</b> , Sr. Consultant – Capital Projects, Facilities Planning and Capital Investment, Saudi Aramco Panelists: <b>Pawan Agarwal</b> , VP, HPCL Mittal Energy Ltd. <b>Eng. Abdulaziz Alshammari</b> , Leader, Sustainability & Energy, SABIC <b>Dr. Jamal Nayfeh</b> , Dean of the College of Engineering, Prince Mohammad Bin Fahd University
12:35 - 13:15	<b>NETWORKING AND LUNCH BREAK</b>

### VALVE ARENA

### VALVES TECH PROGRAM

09:10 - 09:35	SAMSON Philosophy from the up till the Down Stream <b>Shoaib Ather</b> , Director Sales and Marketing, SAMSON ME <b>Ouisseem Ouremi</b> , Managing Director, SAMSON ME
09:35 - 10:00	Hydraulic Actuators Meeting Today's and Future Needs <b>Ian Spiller</b> , CEO, Gulftek
10:00 - 10:25	Unravelling Positioner Failures: Real Stories and Lessons Learned <b>Mohammad M. Enezi</b> , PCST Unit Foreman, Saudi Aramco
10:25 - 10:40	Advanced Protection Solutions Valves: ENERGY Firecover® and ENERGY Cryocover™ <b>Arve Martinsen</b> , CEO & Managing Director, KAEPER Blu
10:40 - 11:05	<b>NETWORKING COFFEE BREAK</b>
11:05 - 11:30	Pressure Relief Valves and its Benefits <b>Ghulam Farooq</b> , Engineering Specialist, Saudi Aramco
11:30 - 11:55	Simple, Secure and Autonomous Steam Trap Monitoring <b>Firas Jaouni</b> , Digital Champion Middle East, IMI-Critical Engineering
11:55 - 12:20	Special Valves and its Usages <b>Steve SON</b> , CEO, SENDAN Company
12:20 - 12:45	Proper Implementation of Pressure Vacuum Relief Valves to Reduce Emissions from Storage Tanks <b>Ahmed Reda</b> , Regional Manager, PROTEGO Middle East
12:45 - 13:15	<b>NETWORKING AND LUNCH BREAK</b>

### ALL ABOUT VALVES - Presenting Advanced Technologies (Main Hall)

13:15 - 13:40	Valtek® Compressor Anti-Surge Valve <b>Mohammed Bazroon</b> , Customer Service Manager, Flowserve
13:40 - 14:05	AMIANITIT Ductile Valves System <b>Mohamed Ahmed Geba</b> , Plant Manager, Saudi Amicon Co. Ltd., Amiantit Group
14:05 - 14:30	How can Valve Maintenance Improve Cost Saving and Uptime <b>Athul Raj</b> , Project Engineer, AHSTCO
14:30 - 14:55	Increasing the Reliability of Smart ZV Applications with Emerson's FIELDVUE™ Instrumentation and <b>Rex Bobadilla</b> , Instrument Business Unit Leader – MEA, Emerson Double Eccentric C-Ball valve technology in severe service applications <b>Olivier Beyerman</b> , Director for Sales & Business Development, Emerson
14:55 - 15:35	<b>Panel Discussion</b> - Shaping the Future of Valves: Innovation, Collaboration, and Emerging Technologies Panel Moderator: <b>Fawaz Al Shahan</b> , Senior Engineering Consultant, IIoT Leader and Chairman of Instrumentation Standards Committee, Saudi Aramco  Panelists: <b>Abdulhadi Abosaq</b> , Maintenance Superintendent, Sadara Petrochemical Company <b>Representative from Flowserve</b> <b>Athul Raj</b> , Project Engineer, AHSTCO <b>Representative from EPC Company</b>

### HALL -A

### SPICONX TECH PROGRAM

#### Technological Innovations – Pipelines and Storage

11:15 - 11:40	Medium Range Guided Waves Ultrasonics with potential defect classification and sizing <b>Slim Soua</b> , Sr. Engineer, Saudi Aramco
11:40 - 12:05	Small Bore Piping (SBP) Corrosion Monitoring using Phased Array Ultrasonic Testing (PAUT) <b>Hussain Basallom</b> , Associate Engineer, Saudi Aramco <b>Qasem Fandem</b> , Technology Supervisor, Saudi Aramco
12:05 - 14:05	<b>NETWORKING AND LUNCH BREAK</b>
14:05 - 14:30	HGP Proactive, Reliability & Monitoring SEEQ Models <b>Shodayed Al-Qahtani</b> , Maintenance Reliability Supervisor, Saudi Aramco
14:30 - 14:55	Artificial Intelligence Powered Non-Destructive Testing for Inline Pipe Inspection <b>Ahmed Aljarro</b> , Research Science Specialist, Saudi Aramco

### HALL -B

### SPICONX TECH PROGRAM

#### Operations, Maintenance & Integrity Management

11:15 - 11:40	Continuous High Temperature at Gas Turbine Compartment Resolved with Exhaust Plenum Modification <b>Abdulmohsen S. Almubaddal</b> , Rotating Equipment Engineer, Saudi Aramco
11:40 - 12:05	OSI Program Management <b>Jwana Almarghani</b> , Associate Engineer, Saudi Aramco
12:05 - 12:30	<b>Energy Transition - Hydrogen, Decarbonization and HSSE</b> Management of NORM (Naturally Occurring Radioactive Material) in Pipeline Operations <b>Emil M. Aliyev</b> , Lead Field Compliance Coordinator, Environmental Support Group, Business Support Division, PD&T Admin Area, Saudi Aramco
12:30 - 14:05	<b>NETWORKING AND LUNCH BREAK</b>
14:05 - 14:30	Optimized Metallurgy for API Pipe Body and Weld Ductility Properties for Critical Applications of Natural Gas, High Pressure Gaseous Hydrogen and CO2 Transmission <b>Gregory Ebel</b> , Technical Market Development Specialist, CBMM
14:30 - 14:55	Helping the industry move towards NET ZERO 2050 - Delivering Safe, Reliable, and Innovative Pipeline Optimization Solutions <b>Mr. Edmund Ang</b> , TD Williamson
14:55 - 15:20	Environmental Management in Pipeline Operations <b>Emil M. Aliyev</b> , Lead Field Compliance Coordinator, Environmental Support Group, Business Support Division, PD&T Admin Area, Saudi Aramco

END OF DAY 2

## Day 3 | 5th December, Thursday, 2024

### MAIN HALL

### PLENARY PROGRAM

- 09:10 - 09:35** Roadmap Towards Achieving Excellence in Storage & Pipelines  
**Dr. Muhammad Rehan Tayab**, Advisor, Incident Prevention, ADNOC Group
- 09:35 - 10:00** Driving Quality Assurance in Pipeline Repairs with Cutting-Edge NDT Solutions  
**Mohammed Abufour**, Advanced NDT Technologies Engineering Specialist & Regional Director, ASNT
- 10:00 - 10:25** Data Fusion- Combining the magnetic signals from MFL-A and MFL-C tools into a convolutional neural network (CNN), generating a comprehensive 3D depth profile  
**Mohsen Al-Nasser**, Director - Business Resourcing, Rosen
- 10:25 - 10:50** **Case Study:** Flare Recovery and its Environmental Impacts  
**Dr. Mohamed Kamal Gaber**, M.Eng. , PhD, Head of the Pipeline Process Design Sector, Petrojet
- 10:50 - 11:10** **NETWORKING COFFEE BREAK**
- 11:10 - 11:35** Operational Excellence in Managing Water Transmission Systems and Strategic Storage  
**Eng. Amjad AlHarbi**, O&M Center of Excellence Director, Execution projects Management Executive Director, Water Transmission Company (WTCO)
- 11:35 - 12:00** Triple offset valve vs Gate & Ball valve in Tank isolation & other critical applications Triple offset valve vs Gate & Ball valve in Tank isolation & other critical applications  
**Mahmoud Hamzawy**, EPC Sales Manager, Emerson
- 12:00 - 12:30** **Panel Discussion** - Ensuring Water Pipeline Integrity and Resilience  
Panelists:  
**Senior Representative**, WTCO  
**Senior Representative** from Saudi Water Authority  
**Senior Representative** from Saud Water Partnership Company  
**Senior Representative** from National Water Company

### VALVE ARENA

### VALVES TECH PROGRAM

- 09:10 - 09:35** Harnessing Control Valve Diagnostics to Capitalize on Data-Driven Predictive Maintenance  
**Mohammed Moizuddin Ghiasuddin**, Engineering Specialist, Saudi Aramco
- 09:35 - 10:00** ASME B16.34: The Fundamental Guide for Valve Design and Manufacturing  
**Parveen Krishan Kohli**, CEO, AB Engineers and Consultants
- 10:00 - 10:25** The Importance of Testing Valves for Cryogenic Applications  
**Matthew Cooper**, Corporate Regional Technical Manager, Braunschweiger Flammenfilter GmbH (PROTEGO)
- 10:25 - 10:50** Engineered Actuation Solution for Targeted Performance and Maintenance Reliability  
**Ali Khan**, Country Manager - KSA, REXA
- 10:50 - 11:00** IIoT Technologies for Valves  
**Abeer Alkaaki**, Instrumentation Engineer, Saudi Aramco
- 11:00 - 11:10** **NETWORKING AND COFFEE BREAK**
- 11:10 - 11:35** Instrumentation Valves Failure Insights & Enhance System Reliability  
**Afzal Kazi**, Director, ICCL, KSA  
**Raeed Al Khater**, Business Development, ICCL KSA
- 11:35 - 12:00** Axial Valve in Multiple Applications - Advantages  
**Zaheer Nottanveedan**, Sales and Application Engineer, Mokveld Valves BV Middle East
- 12:00 - 12:25** Enabling Clean Energy : Advanced Oxygen Valve Solutions for Hydrogen Production  
**Rajendran D**, Industry Manager - LNG & Industrial Gas, Severn Glocon Group.
- 12:25 - 12:40** Safety Relief Valve Latest Technologies  
**Dinesh Kumar**, Sr. Technical Sales Manager-Valve Solution Engineering, Baker Hughes

12:40

CLOSING CEREMONY

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