

Tuesday Day 1

Registration, Refreshments and Networking

Welcome Speech by Organizer

Opening Speech by Conference Chairman, **Mohammad Al-Ghamdi, Executive VP Manufacturing, Nama Chemical Company**

Impeding Safety in our DNA
Key Note Speech play Abdul Rehman AlFadhel, Former Manager Riyadh Refinery, Saudi Aramco

Aging Facilities impact
Key Note Speech Hesham K.Al Subait, Safety compliance lead, Saudi Aramco

Plaque Distribution for Sponsors & Exhibitors

Exhibition Tour & Midmorning Break

Opening Speech by Session Chairman, Ali Al Qarni, Maintenance Manager, Saudi Aramco

Risk of inspection activities as per ISO/IEC 17020 I2012
Saleh Alzahrani, General Manager, Saudi Accreditation

Panel Discussion:

Risk-Based Inspection (RBI) Approaches for Aging Facilities: Lessons Learned and Best Practices

Panel Description:

This panel discussion aims to delve into the topic of Risk-Based Inspection (RBI) approaches specifically tailored for aging facilities. As industrial infrastructure ages, ensuring their continued integrity and process safety becomes increasingly critical. RBI offers a proactive and risk-focused approach to optimize inspection efforts and prioritize resources. The panel will bring together experts in RBI, asset integrity, and facility management to share their experiences, lessons learned, and best practices in implementing RBI programs for aging facilities.

Areas to be Covered:

- Key principles and methodologies of RBI and how they align with the specific challenges of aging infrastructure.
- Integration of RBI with Maintenance and Inspection Programs
- Balancing cost considerations, resource allocation, and risk reduction objectives in RBI planning.

Moderator:

William Bridges, President, Process Improvement Institute, Inc. (PII)

Panel Member:

Ali Al Qarni, Maintenance Manager, Saudi Aramco
Hesham K. Al Subait, Safety Compliance Lead, Saudi Aramco
Aissam Bouadjel, QHSE Director, Fujairah Oil Company

Ideal Asset Integrity KPI to Achieve Zero Process Safety Incident Due to leak from Pressure Boundaries
Abdullah al Maqbali, Team Lead, RBI, Reliability, OQ

Using risk matrices in oil and gas (Western Canada Case Study)
Aissam Bouadjel, QHSE Director, Fujairah Oil Company

Health and Safety Impact of Organizational Downsizing in Oil and Gas Industries
Palmer Ikechukwu, Safety Engineer, ADNOC GAS

Closing Remarks and Conclusion by Chairman

Afternoon Break and Networking and End of Day 1

Day 2 Wednesday

Registration, Refreshments And Networking

Opening Speech by Session Chairman, **Ali Al-Hazemi**, CEO, Industrial Exterpise Engineering Consultations Office

09:00- 09:30 Bowtie Techniques in Risk Management
Mohammad Al-Chamdi, Executive VP Manufacturing, Nama Chemical Company

09:30- 10:00 Pressure Relief Devices Importance
Abdulaziz A. Al-Dhwihi, Engineering and Development Manager, Headquarter, Gasco
Eng. Jamil Mohammad, Engineering and R&D Head, Gasco

10:00– 10:30 Inherently Safe Design by an Effective Chemical Management System
Manahel A Khoja, Chemical Management Lead in ARC, Saudi Aramco

10:30 – 11:00 Morning Networking Break

11:10- 11:40 Digital twins usage as tool to enhance process safety
Oscar Cuevas, Maintenance Engineer at Ras Tanura Refinery, Saudi Aramco

11:30- 11:40 **Ice Breaking Session**

11:40- 12:10 Efficient Method to perform PHA of transient operation mode
Muhammad H Bashir, Sr. Engineer, Process Safety, Sipchem

12:10– 13:00 **Panel Discussion:**
Enhancing Process Safety Culture in the Oil and Gas Industry: Challenges and Best Practices

Panel Discussion:

This panel discussion aims to explore the critical aspects of process safety culture within the oil and gas industry. Process safety incidents can have severe consequences, including environmental damage, human casualties, and financial losses. Building and maintaining a strong process safety culture is crucial for ensuring safe operations and preventing catastrophic events. The panel will bring together industry experts, safety professionals, and thought leaders to discuss the challenges faced in establishing an effective safety culture and share best practices to enhance process safety in the oil and gas sector.

Areas to be Covered:

- Highlighting the impact of a positive safety culture on incident prevention and overall operational excellence.
- Discussing the importance of effective communication and learning from near-misses and incidents.
- Identifying emerging trends and technologies that can further enhance process safety in the oil and gas industry.

Panel Moderator:

Ali Al-Hazemi, CEO, Industrial Exterpise Engineering Consultation Office

Panel Member:

Mohammad Al-Ghamdi, Executive VP Manufacturing, Nama Chemical Company

Hesham K.Al Subait, Safety Compliance lead, Saudi Aramco

Nasser A. Buker, Sr. Manager, Operation III, Operation III, Ar-Razi, Sabic

13:00 – 13:30 Risk Assessment Quality Improvement
Nisar N Shaikh, Staff Engineer, Process Safety, Process Safety, Yansab, SABIC

13:30-14:00 Risk Management of Safety Critical Valves – Case Study from a Mature Asset
Feras Beshar, Senior Process and Process Safety Engineer, Sharjah National Oil Corporation (SNOC)

Afternoon Break and Networking and End of Day 2

Day 3 Thursday

08:00	Registration, Refreshments And Networking
09:00	Opening Speech by Session Chairman – Mr. Aissam Bouadjel , QHSE Director, Fujairah Oil Company
09:05- 09:30	Condition Monitoring and Predictive Maintenance for IoT Dr. Jamal Nayfeh, Dean of Engineering & Professor of Mechanical Engineering, Prince Mohammad Bin Fahd University
09:30- 10:10	Operational Safety: A theoretical method to calculate rich ADIP loading Zahra AlShulah, Process Engineer, Saudi Aramco
10:10– 10:40	Human Factors control to enhance Process safety. William Bridges, President, Process Improvement Institute, Inc. (PII)
10:40 – 11:10	Afternoon Break and Networking
11:10- 11:40	Functional Safety Role in Mechanical Integrity and Incident Prevention Abdulaziz Alajlan, Loss Prevention Engr II, Saudi Aramco
11:40 – 12:15	Development of Comprehensive Process Safety Performance Indicators & Effective Monitoring Nisar Nizam Sheikh, Staff Engineer Process Safety, SABIC
12:15 – 12:45	Safety Managing in Pilot Plants during unattended operation Claudiu Fodor, Process Engineer, Saudi Aramco
12:45 – 12:50	Certificate Distribution to Speakers – Raffle Draw
12:50	Afternoon Break and Networking and End of Day 3
