

# PLANT MAINTENANCE & RELIABILITY CONFERENCE

23rd – 24th – 25th – April 2024

Four Seasons Resort, SHARM EL SHEIKH, EGYPT



*“Great partnerships are built on shared values”*

Conference Theme

*“Sustaining Excellence: Navigating Tomorrows Reliability”*

*“Knowledge Expansion an avenue to gain value”*





## EXECUTIVE BOARD

2024

### Executive Chairman



**Mazin Al Shaibi**  
Executive Director, Asset Strategy  
**National Water Company**  
(Saudi Arabia)

### Executive Co-Chairman



**Hamzah Al Enaizan**  
Director, Technical  
**NAMA Chemicals Company**

### Executive Technology Chairman



**Abdallah Al-Ghamdi**  
Manager Pipelines  
Engineering & Support  
**Saudi Aramco**

### Executive Technology Co-Chairman



**Abdullah Bahamid**  
Manufacturing Technical Director  
**Al Watania For Industries**

### Advisory Chairman



**Fahad Hassan AlQahtani**  
Organizing Chairman & Abqaiq Maint  
Planning and Eng Supervisor  
**Saudi Aramco**

### Technical Chairman



**Ahmed E. Bu-Hazza**  
Technical GM  
**Advanced Petrochemicals Co**

### Technical Co-Chairman



**Ali Al-Wadani**  
Utility & ASU Operation Director  
**Jazan Integrated**  
**Gasification & Power Company**

### Honorary Chairman



**Abdulrahman AlFadhel**  
Senior Advisor Emeritus of Aramco  
**Saudi Aramco**

### Organizing Committee Chairman



**Moath A. AlShawi**  
Director of Programme Mgmt Function  
**BAE Systems - KSA**

### Organizing Committee Co-Chairman



**SHARUL A-RASHID**  
Head of Technical Excellence  
ISA President, Malaysia Section  
**PETRONAS**

### Evaluation Committee Chairman



**Osamah Alghethami**  
Director of Engineering Affairs  
**GASCO**

### Evaluation Committee Co-Chairman



**Mahmoud Al Juhani**  
Director of Asset Mgmt & Reliability  
**Ma'aden Gold & Base Metals**

### Technical EMCEE



**Ahmed Hasrim**  
Sr. Manager, Central Maintenance  
**IBN ZAHR, SABIC**



**Majed Abdullah Al Solimani**  
Senior Director, Quality & Inspection  
**Ma'aden**



**Ayssar Hanza**  
Risk Engineering Director and NED  
**ACE ENERGY**



**Rumaih A Al-Rumaih**  
Maintenance Executive Director  
**Ma'aden**



**Bill Kilbey**  
Chief Reliability Officer  
**Waites Sensor Technology**



**Khalid J. Al-Bohamdoh**  
Chief Executive Officer (CEO)  
**SAC**



## TECHNICAL COMMITTEE

2024



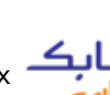
**Sanya Mathura**  
Author, Managing Director  
**Strategic Reliability Solutions Ltd**



**Elaine Hepley**  
CEO - Solana Consulting Services  
**Solana Consulting Services LLC**



**Badr M Basaad**  
Lead Eng, Mechanical, Assets Eng  
(Sabtank) A SABIC and Vopak  
International BV Joint Venture



**Mohammed AlBeshr**  
Operation Manager, Hot Mill Complex  
**SABIC HADEED**



**Abdulkareem A. Eskander**  
Madinah Maintenance Division  
**Saudi Aramco**



**Ahmad Aleid**  
Maintenance Engineer  
**Saudi Aramco**



**Abdulaziz Alnazha**  
Maintenance Manager  
**SABIC**



**Mohamed Hafez**  
Maintenance Quality & Reliability Manager  
**SATORP**



**Yusuf Halawani**  
RCA Specialist (SME)  
**SABIC**



**Mohammad A Alharthi**  
TARA & WP Maturity Asset Turnaround  
**SABIC**



**Shaker Almalki**  
Operation Manager  
**SABIC**



**Hadi Jaffer Alismail**  
Rotating Equipment Engineer  
**SABIC (United)**



**Ahmed Mostafa**  
Maint Support & Reliability Manager  
**Shell Egypt**



**Khalid Al-Shammari**  
Manager Maintenance  
**TASNEE**



**Mutlaq Alsubaie**  
E&I Inspection Manager  
**SABIC (Arrazi)**



**Ahmed Abdel-Zaher Khalifa**  
Maintenance Planning Manager  
**SIDPEC**



**Onur Özutku**  
Terminal Manager  
**Milangaz**



**Ahmed El Assal**  
Enterprise Director, APM, MEA  
**Aspen Technology**



**Ali Al-Hazemi**  
CEO at Industrial Expertise  
**Industrial Expertise**



**Mohamed Hamdallah**  
Generation Department Manager  
**TAQA Arabia**



**Mohammed Al-Ahmari**  
Head, Reliability Engineering  
**Ma'aden Fertilizer**





## EVALUATION COMMITTEE

2024



**Mohamed Elsayed**  
Maintenance Planning G.A Manager  
**ETHYDCO**



**Mohammed AlBeshr**  
Operation Manager, Hot Mill Complex  
**SABIC HADEED**



**Abdulaziz Alnazha**  
Maintenance Manager  
**SABIC**



**Omar Al-Ghamdi**  
GM, RCA, Reliability & Project  
**REC - Reliability Expert Center**



**Mohamed Almaz**  
Multi - Techno Architect  
**Schneider Electric R&D**



**Kevin McQuillan**  
Senior Consultant  
**Solomon Associates**



## ORGANIZING COMMITTEE

2024



**Ghada Talat**  
Managing Director Africa Region  
**Lloyds British testing**



**Ahmed El Assal**  
Enterprise Director, APM, MEA  
**Aspen Technology**



**Ahmed Danish**  
CEO  
**OEEConsult**



**Mazin Al Shaibi**  
Executive Director, Asset Strategy  
**National Water Company**



**Trinath Sahoo**  
Chief General Manager  
**Indian Oil Corporation Limited**



**Tracy Strawn**  
VP  
**Vilas International**



**Kamal Abo-Elkamal**  
Reliability & Condition Monitoring  
Section Head  
**GASCO**



**Igor Stankovic**  
Executive Director - Technical  
**HIP-Petrohemija**



**Sigbert Dhas**  
Director, **R.I.S.E** (Respect, Integrity, Service & Excellence)  
“Great partnerships are built on shared values”  
**Knowledge Expansion**



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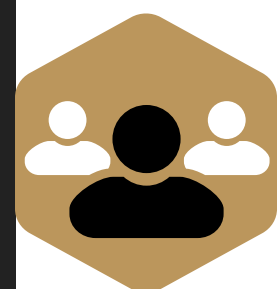
# WHY SHOULD

## SENIOR LEADERS ATTEND?



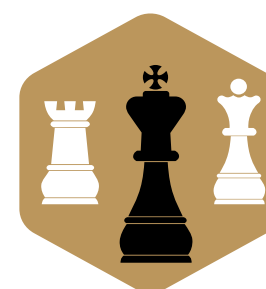
“Great partnerships are built on shared values”

*This Truly International Event @ Sharm El Sheikh Is A 3 Day Event With*



### Exclusive Senior Leadership Focus:

Tailored for senior heads of maintenance and reliability, this event ensures that discussions and networking opportunities are finely tuned to the strategic decision-makers steering the industry.



### Strategic Decision - Making Discussions:

The agenda, crafted for senior leaders, delves into high-level strategic discussions, exploring macro-level challenges, global trends, and long-term solutions that have a profound impact on the entire industry.



### Global Networking At The Executive Level:

With a focus on senior leaders, the event provides a unique environment for networking at the executive level. Engage with peers who hold influential positions globally, fostering relationships that can drive international collaborations and partnerships.



### Leadership Insights From Diverse Perspectives:

Engage with international thought leaders and industry experts, gaining diverse perspectives on leadership, management strategies, and approaches to maintenance and reliability. This exposure broadens senior leaders horizons and inspires innovative thinking.



### Market Expansion Opportunities:

The event, hosted at Sharm El Sheikh, ensures that all guests, including senior leaders, are staying at the same venue. This setting provides a golden opportunity for tech and service companies to directly engage with decision-makers. Showcase products and services to those with the authority to make impactful business decisions.



### Benchmarking With Global Peers:

Senior leaders can benchmark their organisational practices against global peers, ensuring they are at the forefront of industry standards and best practices. This benchmarking fosters continuous improvement and innovation within their organisations.



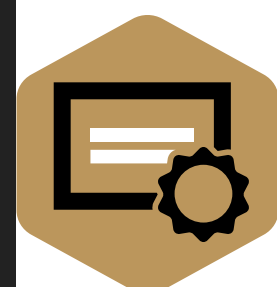
### Cross-Industry Collaboration at the Senior Level:

Facilitating cross-industry collaboration among senior leaders, the event provides insights from leaders in different sectors. This cross-industry engagement offers fresh perspectives and innovative solutions that are universally applicable.



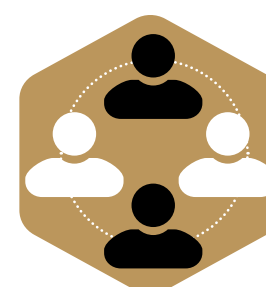
### Focused Leadership Development:

Beyond industry trends, the conference contributes to leadership development. Workshops, discussions, and keynote sessions are tailored to address the specific challenges and opportunities faced by senior leaders in the maintenance and reliability field.



### International Recognition For Senior Leaders:

Participation in this international event elevates the profile of senior leaders within the global maintenance and reliability community.



### Enhanced Networking Opportunities At The Same Venue:

Given that all guests, including senior leaders, are accommodated at the same venue in Sharm El Sheikh, opportunities for networking and relationship-building are significantly enhanced. Exclusive dinners, bedouin nights, and recreational activities provide a relaxed setting for fostering connections with industry peers and potential collaborators.

This exceptional international event offers a unique platform for professionals and companies to transcend geographical limitations, facilitating a global exchange of ideas, practices, and innovations in the field of maintenance and reliability.

The potential for international collaboration, business expansion, and cross-cultural learning makes this event a must-attend for those looking to stay ahead in the global landscape of plant maintenance and reliability.



## Session 1

**Morning Session:** Sustaining Excellence -  
Navigating Tomorrow's Reliability

**Session Chairman:** Mazin Al Shaibi, Executive Director, Asset Strategy  
National Water Company (Saudi Arabia)

Ali Al-Wadani, Utility & ASU Operation Director  
Jazan Integrated Gasification & Power Company

08:00 - 09:00

Registration and Welcome Address

09:00 - 09:15

Opening Address by Conference Chairman

09:15 - 09:45

**Keynote:** The Evolving Landscape of Reliability in Industrial Plants  
**Q & A**

09:45 - 10:00

10:00 - 10:20

Implementing Predictive Maintenance Strategies for Critical Equipment

Case Study

10:20 - 10:30

**Q & A**

10:30 - 11:00

Networking Coffee Break



11:00 - 11:20

Digital Transformation in Asset Management: A Holistic Approach

Case Study

11:20 - 11:30

**Q & A**

11:30 - 12:00

**Panel Discussion:** Challenges and Success Stories in  
Predictive Maintenance Implementation

12:00 - 13:30

Networking Lunch Break



## Session 2

**Afternoon Session:** Sustaining Excellence -  
Navigating Tomorrow's Reliability

**Session Chairman:** Ahmed E. Bu-Hazza, Technical GM  
Advanced Petrochemicals Co

SHARUL A-RASHID, Head of Technical Excellence ISA President,  
Malaysia Section, PETRONAS

13:30 - 13:50

Reliability Centred Maintenance (RCM) - A Comprehensive Overview

Case Study

13:50 - 14:00

**Q & A**

14:00 - 14:20

Maximising Uptime Through Effective Spare Parts Management

Case Study

14:20 - 14:30

**Q & A**

14:30 - 14:50

Proactive Maintenance in Aging Facilities: A Case in Point

Case Study

14:50 - 15:00

**Q & A**

15:00 - 15:30

Networking Coffee Break



15:30 - 16:15

**Panel Discussion:**  
Strategies for Implementing RCM in Diverse Industrial Environments

16:15 - 16:30

**Closing Remarks for Day 1 by Chairman**

19:00 - 21:30

Executive Cocktail Reception and Gala Dinner



This networking reception will allow attendees to engage with speakers, sponsors, and fellow participants. Interactive technology demonstrations will allow attendees to experience the showcased innovations firsthand and engage in meaningful discussions about their practical applications.





## Session 3

**Morning Session:** Innovations for Sustainable Excellence**Session Chairman:** **Hamzah Al Enaizan**,  
Director, Technical, **NAMA Chemicals Company**  
**Osamah Alghethami**,  
Director of Engineering Affairs, **GASCO**

- 06:00 - 07:00** Team Building Activity: **Snorkelling**
- 08:00 - 09:00** Registration and Welcome Address
- 09:00 - 09:10** Opening Address by Conference Chairman
- 09:10 - 09:25** **Keynote:** Innovations Shaping the Future of Plant Maintenance  
**09:25 - 09:30** **Q & A**
- 09:30 - 09:50** Integration of IIoT and Big Data Analytics for Proactive Maintenance **Case Study**  
**09:50 - 10:00** **Q & A**
- 10:00 - 10:20** Robotics and Automation in Reliability: A Game-Changing Paradigm **Case Study**  
**10:20 - 10:30** **Q & A**
- 10:30 - 11:00** Networking Coffee Break 
- 11:00 - 11:20** Augmented Reality in Training and Maintenance Procedures **Case Study**  
**11:20 - 11:30** **Q & A**
- 11:30 - 12:00** **Panel Discussion:** Harnessing the Power of Data for Proactive Reliability Strategies
- 12:00 - 13:30** Executive Luncheon 
- Afternoon Session:** Innovations for Sustainable Excellence
- Session Chairman:** **Abdullah Bahamid**, Manufacturing Technical Director  
**Al Watania For Industries**  
**Moath A. AlShawi**, Director of Programme Mgmt Function  
**BAE Systems - KSA**
- 13:30 - 13:50** Blockchain in Supply Chain Management for Improved Reliability **Case Study**  
**13:50 - 14:00** **Q & A**
- 14:00 - 14:20** Environmental Sustainability in Plant Maintenance Practices **Case Study**  
**14:20 - 14:30** **Q & A**
- 14:30 - 14:50** Exploring the Role of Robotics in Plant Maintenance Excellence **Case Study**  
**14:50 - 15:00** **Q & A**
- 15:00 - 15:30** Networking Coffee Break 
- 15:30 - 16:15** **Panel Discussion:** Balancing Reliability and Environmental Responsibility
- 16:15 - 16:30** **Closing Remarks for Day 2 by Chairman**
- 19:00 - 21:30** Executive Gala Dinner 



### Session 5

**Morning Session:** Navigating Tomorrow's Challenges

**Session Chairman:** Khalid J. Al-Bohamdoh,  
Chief Executive Officer (CEO), **SAC**  
Majed Abdullah Al Solimani,  
Senior Director, Quality & Inspection, **Ma'aden**

- 08:00 - 09:00** Registration and Welcome Address
- 09:00 - 09:15** Opening Address by Conference Chairman
- 09:15 - 09:35** **Keynote:** Adapting to Emerging Technologies in Reliability Management  
**09:35 - 09:45** **Q & A**
- 09:45 - 10:05** Strategies for Adapting to the Next Wave of Reliability Technologies **Case Study**  
**10:05 - 10:15** **Q & A**
- 10:15 - 10:45** Networking Coffee Break 
- 10:45 - 11:30** **Panel Discussion:** Condition Monitoring for Predictive Maintenance: A Comprehensive Case Study"
- 11:30 - 11:50** The Role of Condition Monitoring in Proactive Maintenance Strategies **Case Study**  
**11:50 - 12:00** **Q & A**
- 12:00 - 12:30** Closing Remarks and Acknowledgments
- 12:30 - 14:00** Networking Lunch Break  
(Positioned to Allow Attendees to Perform Dhuhr Prayer) 

## ABSTRACT SUBMISSION GUIDELINE



**DEADLINE FOR  
ABSTRACT SUBMISSION  
28<sup>th</sup> MAR, 2024**



**DEADLINE FOR  
FULL PAPER SUBMISSION  
10<sup>th</sup> APR, 2024**



# GALA DINNER

*I n v i t e*

**FOUR SEASONS RESORT  
SHARM EL SHEIKH**

*JOIN US AT  
COCKTAILS, DINNER &  
CONVERSATIONS*

**HOSTED BY**



**Sharm El Sheikh**



**Bedouin Night**



**Snorkeling**



**23 April**

**Wed: 19:00 - 21:30**



**24 April**

**Thur: 19:00 - 21:30**

*Up front on innovation and networking at this conference you will be updated and better equipped to meet the challenges facing the industry, how to deal with them and how to resolve them, In addition to learning about the latest developments, methods, and technologies in this field, attendees can expect to network with the top engineers, chemists, product managers, technology developers and consultants in the business.*



# REGISTRATION

## PAGE

### DELEGATE DETAILS:

#### DELEGATE 1:

Name: (Dr/Mr/Mrs/Ms) .....  
Company Name: .....  
Job Title: .....  
Department: .....  
Email: .....  
Telephone: ..... Fax: .....

#### DELEGATE 2:

Name: (Dr/Mr/Mrs/Ms) .....  
Company Name: .....  
Job Title: .....  
Department: .....  
Email: .....  
Telephone: ..... Fax: .....

#### DELEGATE 3:

Name: (Dr/Mr/Mrs/Ms) .....  
Company Name: .....  
Job Title: .....  
Department: .....  
Email: .....  
Telephone: ..... Fax: .....

#### DELEGATE 4:

Name: (Dr/Mr/Mrs/Ms) .....  
Company Name: .....  
Job Title: .....  
Department: .....  
Email: .....  
Telephone: ..... Fax: .....

**VENUE :** Four Seasons Resort, **SHARM EL SHEIKH**

#### REGISTERED OFFICE

Knowledge Expansion EST, Postal Code 35514, Al Jubail

### EASY WAY TO REGISTER

Email us at:

[sigbert@knowledgeexpansion.com](mailto:sigbert@knowledgeexpansion.com)

### REGISTRATION FEE

☐ **3 Days: 4,695 USD**  
3 Nights Accommodation

☐ **3 Days: 3,695 USD**

- ① Inclusive of VIP Breakfast, Luncheon & Dinner
- ② Executive Airport Transfer
- ③ **VIP Team Building Activity\***  
Snorkeling Pass for Our Delegates

For all travel & boarding inquiries,  
Please Contact:  
[sigbert@knowledgeexpansion.com](mailto:sigbert@knowledgeexpansion.com)

### PAYMENT DETAILS

☐ **Bank Transfer**

Knowledge Expansion EST  
Bank Name: Saudi National Bank  
Bank Transfer Account No: 14700000859407  
IBAN: SA3910000014700000859407  
Swift Code: NCBKSAJE

### BOOKING CONDITIONS\*

Payment in full must be received prior to the event for issuing delegate passes and invites. If payment is not received before the event, the delegate(s) are required to carry a personal / corporate credit card for onsite booking. An additional fee of USD 100 shall be charged for onsite booking. Subsequent to booking, a confirmation letter and invoice will be sent to you on the E-mail / P.O.Box addresses that you register with Knowledge Expansion. If you are unable to attend the scheduled event, please inform Knowledge Expansion within 5 days prior to event scheduled and you may appoint a substitute delegate. Knowledge Expansion do not refund for any cancellations done within 30 days prior to the scheduled event. Knowledge Expansion reserves its rights to issue 50% credit note for the unused event and may accommodate the same for a future event. Knowledge Expansion shall undertake its best efforts to organize this event on the scheduled date. But for reasons beyond its control, including any force majeure crises, the organizers may alter the content, timings or venue. This shall be informed to all its delegates through the registered addresses provided. Knowledge Expansion will not accept liability for delegates transport disruption or delays, sickness caused during the conference. Knowledge Expansion shall not be liable for any indirect losses to delegates including business losses, loss of profits or any form of damages.

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