

In the presence of

H.E. Dr. Mohamed bin Mubarak Bin Daina
Minister of Oil and Environment
Special Envoy for Climate Affairs
Kingdom of Bahrain

**REGISTER
NOW!**

maintcon

7TH INTERNATIONAL MAINTENANCE,
RELIABILITY, AND ASSET MANAGEMENT
CONFERENCE & EXHIBITION



20
24
13 - 16
OCT

Exhibition
World Bahrain 

BUILDING RESILIENCE IN ASSETS FOR SUSTAINABLE TOMORROW

Organized by:
CSMR
الجمعية الخليجية للصيانة والأتمتة
Gulf Society For Maintenance & Reliability



BAHRAIN
SOCIETY OF
ENGINEERS

Supported by:



وزارة النفط والبيئة
Ministry of Oil and
Environment



GFMAM
Global Forum on Maintenance
& Asset Management



WPAM
World Partners in
Asset Management



Saad Al Shamrani
Conference Chair



Mahmood Mirza Abdullah
Conference Co - Chair

CHAIR'S MESSAGE

We are thrilled to welcome you to the upcoming **7th International Maintenance, Reliability, and Asset Management Conference and Exhibition (MAINTCON 2024)**, scheduled from October 13–16, 2024, at Exhibition World Bahrain. With this year's theme, "**Building Resilience in Assets for Sustainable Tomorrow**", we are dedicated to advancing the global shift towards sustainability and resilience in asset management.

MAINTCON 2024 aims to bring together over 3,000 participants from around the world to explore and embrace the latest advancements in technology and best practices in maintenance, reliability and asset management.

The technical program will feature insightful keynote sessions from prominent speakers representing leading global organizations. Attendees will benefit from a series of specialized pre-conference workshops, designed to provide in-depth knowledge and practical skills. We are also pleased to continue offering the Maintenance & Asset Reliability Certification (MARC) exam, developed by Gulf Society for Maintenance & Reliability (GSMR). Additionally, the Certified Asset Management Assessor (CAMA) exam will be offered by GSMR in support of the World Partners in Asset Management (WPIAM).

The exhibition will showcase 80+ sponsors and exhibitors, highlighting the latest developments, products and services from national oil companies and international service providers. Don't miss the Innovation Corner, where innovative research and advancements will be presented, and top innovators will be recognized. A new addition this year is our Podcast Centre in the exhibition hall, featuring live interviews and discussions with industry leaders and experts, offering valuable insights and trends.

The Youth Hall at MAINTCON 2024 will be a vibrant space dedicated to young maintenance and reliability professionals. It will feature discussions on industry challenges specific to youth, a Future Leaders Mentorship Program (GSMR-FLMP) connecting young talents with seasoned experts, and career development workshops on essential skills. This area is designed to support, inspire, and connect the next generation of industry leaders.

The GSMR Excellence Award will honor exceptional achievements in three categories for organizations and individuals, with winners announced during the conference opening ceremony. Additionally, the Women in Industry and Asset Management (WIAM) initiative will celebrate and encourage women leaders and emerging professionals, featuring a dedicated WIAM night event with keynote addresses from influential women in the industry.

MAINTCON 2024 promises to be an extraordinary event, and we warmly invite all industry professionals to join us in making this conference a tremendous success.

Together we make MAINTCON 2024 a successful event.

Looking forward to seeing you at the event!

ADVISORY BOARD

CHAIRMAN



Talal H. Al-Marri
Senior Vice President, Industrial Services
Saudi Aramco

VICE - CHAIRMAN



Nezar Al Shammasi
Chairman and CEO
Arrellic Global W.L.L.



Ali Al Ajmi
Deputy Chief Executive Officer
Al Zour Operations, KIPIC



Mohammad Al Mulhem
Producing Vice President
Saudi Aramco



Khalid A. Al-Harathi
President & Chief Executive Officer
SASREF



Baker Fallatah
Leader, Manufacturing
Center of Excellence (CoE)
SABIC



Turki Bokhari
Executive Vice President
Government Enablement
Business Unit
EXPRO



Hamad Bin Quraya
Chief Executive Officer
Bin Quraya



Nasser Al Hajri
Chief Corporate Support Officer
Mubadala Energy



Abdulrahman Alrehami
Chief Executive Officer
GE Gas Power KSA & Bahrain



Tiffany Pitts
VP Services, Industrial & Energy
Technology (IET)
Baker Hughes, Italy



Nasser Al Toqi
South Oman Operation
General Manager
Petroleum Development Oman



Dr. Raeda Al Awai
President
Bahrain Society of Engineers



Johanness Coetzee
Managing Director, Martec
Chairman, GFMAM



Majed A. Sabbagh
VP Strategy and
Operation Services
Saudia Technic (ST)



Dr. Haifa Al Khalifa
Dean, College of Engineering
University of Bahrain



Dr. Jamal Nayfeh
Dean, College of Engineering
Prince Mohammad
Bin Fahd University



Abdulla Mohamed
Manager Power & Utilities
Maintenance
Alba



Nader A. Rahim Alabbasi
Maintenance Manager
Gulf Petrochemical Industries Co.



Committees

» Steering

Saad Al Shamrani
Mahmood Mirza
Abdullah Mugahwy
Ibrahim Hadi
Saad Ulaimi
Fareed Bushehri
Majeed Al Ghassab
Ahmed Al Haddad
Committee Chairs

GSMR - Conference Chair
GSMR - Conference Co-Chair
GSMR
GSMR
GSMR
BSE
BSE
Ministry of Oil

» Sponsorship

Yasser Al-Shehri
Mohammad Suhaibani
Mohammed AlQahtani
Majed Aldahoos
Khalid Al-Khunaini
Ali Kahtan
Ahmed Hasrim
Ghadeer Aljabr

MAKEEN - Chair
GSMR- Co Chair
Saudi Aramco
Saudi Aramco
Saudi Aramco
Saudi Aramco
SABIC
Saudi Aramco

» Technical

Dr. Khalid A. Aljabr
Bandar Abualnassr
Dr. Adel Younis
Fawaz Al Khulaiwi
Mohammed Al-Zawwad
Hanin Al-Mahroos
Saeed Al-Shahrani
Ahmed Al-Ismael
Majed Alaqeel
Zaid Al Habsi

Saudi Aramco - Chair
Maaden Aluminium Company - Co-Chair
Australian University - Kuwait
Saudi Aramco
Saudi Aramco
Bapco Upstream
Saudi Aramco
Saudi Aramco
Saudi Aramco
Petroleum Development Oman

» Logistics

Jameel Al Alawi
Jassim Yousef
Habib Al Jaboori
Shaker Abdulaziz
Ali Al Qattan
Noor AlSaqer
Mark Dela Cruz
Heba Fathima Najeeb

BSE - Chair
GSMR - Co-Chair
BSE
BSE
BSE
BSE
BSE
BSE

» Financial

Nader Milibari
Huda Sultan
Najma Habib
Fatima Yasin

GSMR - Chair
BSE
GSMR
Saudi Aramco

» Excellence Award

Ahmed Barnawi
Hussain Mattar
Anas Al Saggaf
Zuhair Mansouri
Ali Al Nasser
Haitham Al Saegh
Ahmad Al Mushaiti
Ahmed Hadhrami

Tasnee- Chair
GSMR- Co-Chair
Sadara
Bapco Refining
TVTC
ALBA
Saudi Aramco
Petroleum Development Oman

» WIAM

Maram Al Hammad
Sarah Faqihi
Hadeel Al Qarawi
Asma M Bakhshab
Zainab Al Haddad
Bushra Al Joghaiman
Tyma A Nasser
Atheer Al Qarawi
Jennifer Joseph

Saudi Aramco - Chair
Bapco Refining - Co chair
Saudi Aramco
Saudi Aramco
Saudi Aramco
Saudi Aramco
Saudi Aramco
AL Falak
GSMR

» Innovation

Dr. Suad Al Radhwan
Dr. Malyuba Abudaabes
Dr. Mahmood Al Kindy
Dr. Amina Al Hawaj
Abdullah Al Awadhi
Hani Al Shatti
Abdullah Ahmad
Mohamad Ibrahim
Siddharth Mishra

Australian University - Kuwait - Chair
American International University - Kuwait
Sultan Qaboos University
Bapco Refining
Australian University - Kuwait
KIPIC
KGOO
Saudi Aramco
Saudi Aramco

» Publicity

Mohammed Alruwayli
Alharith Almohaimeed
Jaffer Mohammed
Saleh Atatreh
Haidar Alnakhli
Mohammed Alqahtani
Riya Kanade

Saudi Aramco - Chair
Saudi Aramco - Co - Chair
BSE
Siemens Energy
Saudi Aramco
Saudi Aramco
GSMR

» Program

Ahmed Jelwah
Shaikha Alkhlasi
Ali AlFahdah
Bader AlSunaid
Abdulaziz AlZahrani

Saudi Aramco - Chair
BSE
Saudi Aramco
Saudi Aramco
Saudi Aramco



EVENT HIGHLIGHTS 2024

08

KEYNOTE
SPEAKERS

80+

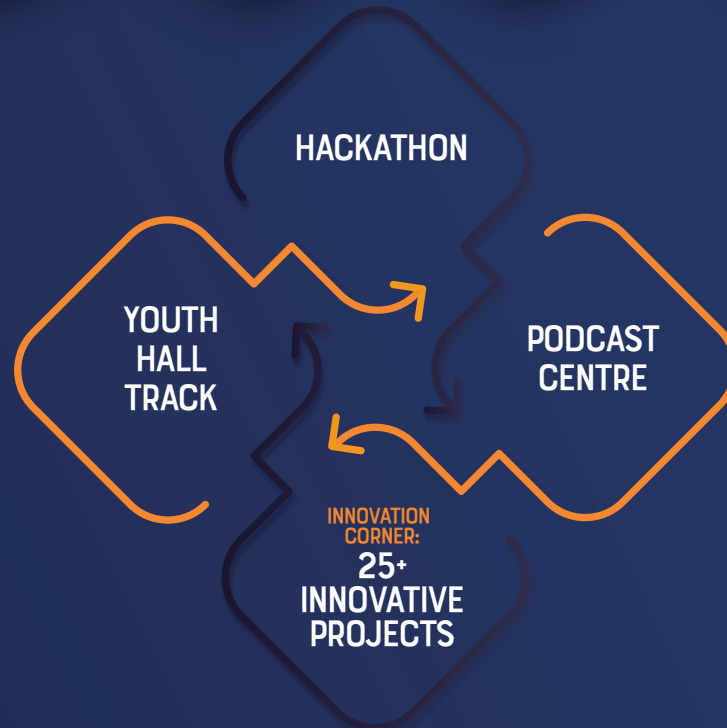
PARTICIPATING
COMPANIES

20+

PARTICIPATING
COUNTRIES

4,000
Sq.m

EXHIBITION
AREA



GSMR EXCELLENCE
AWARDS

WOMEN IN INDUSTRY AND
ASSET MANAGEMENT (WIAM)

CERTIFICATION EXAMS
MARC &CAMA

Youth Hall

Description :

The Youth Hall is a dynamic and engaging space dedicated to nurturing the talents and ambitions of young professionals interested in the fields of maintenance and asset management. This section of the conference is designed to provide invaluable opportunities for personal and professional growth through a variety of interactive sessions and resources.

Youth Hall Sections :

- » **Resume Writing Clinics**
- » **Interview simulations**
- » **Interactive Soft Skills Sessions**
- » **Q&A with Industry Veterans**
- » **Mentoring Sessions**

Elements Descriptions :

Resume Writing Clinics:

Offer sessions where attendees can receive feedback on their resumes, learn tips for optimizing them for job applications, and receive guidance on how to effectively showcase their skills and experiences.

Interview simulations:

This component is designed to enhance skills such as Stress Management, Effective Communication, and the Exchange of Constructive Feedback.

Interactive Soft Skills Sessions:

Conduct workshops focused on various aspects of career development, such as goal setting, skill-building, personal branding, and navigating career paths within the industry.

Q&A with Industry Veterans:

Host panel discussions featuring experts from different areas of maintenance and reliability to discuss emerging trends, challenges, and opportunities in the field. This provides valuable insights and encourages dialogue among attendees.

Mentoring Sessions:

Pair young attendees with experienced professionals in the maintenance and reliability field for one-on-one mentoring sessions. This provides an opportunity for guidance, advice, and career insights.

MAINTCON Hackathon : Empowering Future Leaders in Asset Management

Are you ready to tackle real-world challenges in maintenance and asset management? The MAINTCON Hackathon is your opportunity to innovate, learn, and network in a unique, youth-focused event that brings together the brightest minds from across the region!

Event Overview :

Duration: 48 Hours, packed with exciting activities

Participants: 10 teams of 5 participants each

Challenges: Compete in two major challenges designed to push your creativity and technical skills

Prizes: Compete for prizes, plus trophies and outshine in front of industry leaders

Why Participate?

- Innovate and Create.
- Learn from Industry Experts
- Expand Your Network
- Gain Recognition and exposure

The Challenges :

1. Circular Economy in Asset Management

Design a strategy that integrates circular economy principles into asset management practices. Develop a plan to extend the life cycle of assets, minimize waste, and reduce the environmental impact.

2. Leveraging AI & Digitalization for Resilient Asset Management

Create a strategy that leverages AI, big data, and advanced analytics to enhance the resilience of asset management. Focus on ensuring assets can withstand, adapt to, and recover from disruptions while maintaining operational continuity.

How to Join?

Registration is open to all interested in participating. You can register individually or as a group through the official MAINTCON website. Individuals will be guided to form teams.

Don't miss this chance to showcase your talents, learn from the best, and potentially change the future of asset management. Be a part of the MAINTCON Hackathon and make your mark!

GSMR Excellence Award 2024

AWARD GUIDELINES, SCOPE & CRITERIA



The GSMR Excellence Award is designed to promote excellence in the fields of maintenance, reliability, and asset management. With a robust mission to facilitate knowledge exchange, represent the pinnacle of business achievements from both private and public sectors and nurture professional development. Through the two subsequent award series, we have successfully honored outstanding practitioners and various industries in the Gulf.

Individual Award

- Awarded to individuals who have led or have vastly contributed in the fields of maintenance, reliability and asset management. All Professionals working in GCC countries only.
- Achievers Award (10 years + experience in field)
Two Winners- Elite & Excellent
- Future Leaders Award (less than 10 years)
Two Winners- Elite & Excellent

Organizational Award

- Designed to recognize initiatives within leading organizations that have had a significant impact (financial, cultural etc.) in the field of maintenance, reliability, and asset management.

Three Winners- Elite, Excellent & Premium

Previous Winners



We welcome you to be part of this important initiative by GSMR, a not-for-profit, professional organization for maintenance, reliability & asset management professionals.



WOMEN IN INDUSTRY & ASSET MANAGEMENT | **CSMR**
المجموعة الخليجية للصيانة والأعطامادية
Gulf Society For Maintenance & Reliability

Women in Industry and Asset Management (WIAM)

The Women in Industry and Asset Management Committee (WIAM) aims to inspire young women in the region to roadmap careers in Industry and Asset Management. WIAM provides a supportive platform for women to progress their careers through networking, gaining insights and expertise. WIAM recognizes and honors the valuable contributions of talented professionals across various industries in the region through its award categories.

AWARD CATEGORIES

In 2024, WIAM will introduce three major award categories



Emerging Professional

Women professionals who have emerged by outstanding contributions and have demonstrated their skill set within their industry/or to the profession in the field of Maintenance, Reliability and Asset Management.

► With 5-15 years of experience and can self-nominate for this award or can be nominated by colleagues or team members.



Women in Excellence Achievement

Women Leaders who have been an epitome with core values as a remarkable leader or achiever by continuing commitment to excellence, developing best practices and innovative strategies within their industry/or to the profession in the field of Maintenance, Reliability, and Asset Management.

► With 15+ years of experience and can be self-nominated for this award or can be nominated by colleagues or team members.



Women Empowerment

Women or Men leaders who have empowered women as key change-makers and to enable women to excel and create a positive work culture within their industry.

► To be nominated by an individual who was influenced by the leader (women or men)





We are pleased to invite you to visit our “Innovation Corner” where the latest inventions and recent research in the fields of maintenance, reliability, asset management, and related industries will be showcased.

This will provide a unique opportunity for innovators and pioneers to share their talents among the regional Oil & Gas companies, service providers, universities, and high-profile individuals in the industry.

By spearheading innovation, the “Innovation Corner” is the most coveted regional innovation recognition where it recognizes outstanding innovations and encourages innovators, researchers, and creators in the region to continue investing in inventions.

The best innovation showcased will be honored and recognized at the end of the exhibition. Innovators, researchers, and creators from around the region are invited to enter their eligible projects to vie for top honors in this unique opportunity.

Certification Exams



MAINTENANCE & ASSET RELIABILITY CERTIFICATION (MARC)

MARC Certification is designed to assess a professional's competency in Maintenance, Reliability and Asset Management Excellence following the asset management standards.

GSMR Body of Knowledge (BoK) and MARC Certification are focused on covering the entire asset lifecycle to achieve industry-leading MR&AM performance. Here's your chance to earn this prestigious certification and join an elite group of professionals in the region.



CERTIFIED ASSET MANAGEMENT ASSESSOR (CAMA) EXAM

The Gulf Society for Maintenance & Reliability (GSMR) In partnership with World Partners in Asset Management (WPiAM) is pleased to offer the "Certified Asset Management Assessor" (CAMA) exam.

This certification establishes an individual's credentials in asset management knowledge and -, globally in accordance with ISO 55001 and GFMAM auditors specifications.

For further information about certification, please contact GSMR Office on +973 17180398 or email- hello@gsmrgulf.org

AFFILIATE
World Partners in Asset Management **WPiAM**

Pre-Conference Workshops

1

GSMR BODY OF KNOWLEDGE (BOK)



Hussain Al Ali

Gulf Society for Maintenance & Reliability (GSMR)

Background

The GSMR Body of Knowledge (BoK) was created with a focus placed on all aspects of maintenance from addressing the basics of world-class-maintenance, to creating a reliability culture in the organization. To achieve the best-in-class MR&AM performance, the GSMR BoK is based on five pillars with emphasis on covering the asset life cycle.

- **Pillar 1** MR&AM Strategy: Ensuring asset management fundamentals are in place (value, alignment, leadership & assurance).
- **Pillar 2** Asset Reliability: Describes all reliability activities that must be in place.
- **Pillar 3** Maintenance Work Processes: Describes all maintenance activities that must be in place.
- **Pillar 4** Systems & Technologies: Enablers (software or hardware) of successful maintenance and reliability within the context of asset management.
- **Pillar 5** People & Leadership: The human factor that, with all the elements above, will carry the journey of excellence in maintenance and reliability.

Benefits to the Audience

- To define the competency requirements for minimum knowledge in the field of MR&AM and support professionals to achieve performance excellence.
- To offer a structured knowledge representation by GSMR while helping professionals adopt/apply MR&AM concepts.
- To certify MR&AM Professionals in the region.
- To provide general reference and standardize knowledge and concepts in the MR&AM field.

2

IR 4.0 PREDICTIVE MAINTENANCE (PDM) STRATEGY



Muhammad Al Qureshi

Saudi Aramco

Background

This workshop is designed for Reliability Engineers and technicians of all backgrounds involved in rotating equipment management. It will cover maintenance strategies, Predictive Maintenance (PdM) essentials, and data's role in trend analysis and maintenance aligned with Industrial Revolution 4.0 and Internet of Things (IoT) - based cloud storage. Participants will learn about the five key PdM techniques: Vibration Analysis, Lube Oil Analysis, Ultrasound Analysis, Thermal Imaging, and Motor Circuit Evaluation, with real case studies from Aramco to illustrate the benefits and integration of these methods. Additionally, the workshop will address ultrasonic based lubrication for bearings, propergreasing methods using ultrasonic tools, and advanced fault prognosis in bearings utilizing latest ultrasound methodology.

Benefits to the Audience

The workshop will equip attendees with comprehensive knowledge of Predictive Maintenance (PdM) and state-of-the-art Condition Monitoring techniques, highlighting the advantages of these maintenance programs. Professionals will deepen their understanding of industrial PdM techniques, including vibration, oilsensor, ultrasonic, and electrical analyses, to prevent early failures and enhance operational efficiency. The focus will be on applying PdM for diverse machinery, from electric motors to high-speed turbines, guiding participants in choosing appropriate maintenance strategies and techniques for their critical rotating equipment. Emphasizing cost savings through reduced downtime and repairs, the workshop will also cover optimal greasing methods using Ultrasound technology to maintain bearing health.

Pre-Conference Workshops

3

BASIC ROOT CAUSE ANALYSIS (RCA)



Abdulaziz Al-Ghamdi
Reliability Expert Center (REC)



Omar Abdulaziz Al-Ghamdi
Reliability Expert Center (REC)

Background

Basic Root Cause Analysis workshop is designed for one day and will focus on RCA. The workshop will include a case study based on a true event for practicing RCA.

Who Should Attend?

The Root Cause Analysis workshop is designed for individuals in Management, Safety, Engineering, Technical, Reliability, Operation, Maintenance, and professionals participating in investigations as a Member & Facilitator.

Agenda

- | | | | |
|----------------------------------|----------------------------|-----------------------------------|--------------------|
| A. RCA Introduction and Overview | B. Use of RCA | C. RCA Investigation Requirements | D. Define Problem |
| E. Investigation Work plan | F. Data Collection Process | G. Data Collection | H. Data Analysis |
| I. Timeline Process | J. Cause Analysis Process | K. Solution Process | L. Final Reporting |
| M. Tracking and Implementation | N. Supplementary | O. Case Study (During Workshop) | |

Benefits to the Audience

- To define the competency requirements for minimum knowledge in the field of MR&AM professionals and to achieve performance excellence.
- To offer a structured knowledge representation by GSMR and to help professionals adopt/apply MR&AM concepts.
- To certify MR&AM Professionals in the region.
- To provide general reference and standardize knowledge and concepts in the MR&AM field.

4

MULTI-WEEK ROLLING SCHEDULE

The Foundation of Planned Work culture in the Industry 4.0 Era



Jean Charbonneau
Maintenance Excellence Group

Background

Industry 4.0 is revolutionizing maintenance, yet over half of asset-heavy firms remain more than 50% reactive. This workshop covers the foundation of implementing a sustainable proactive maintenance work culture, centered around a multi-week rolling schedule managed by Industry 4.0's software that ensures everybody is performing their required role flawlessly. Key points include:

- Planned work culture for Planners, Schedulers, Supervisors and Production Reliability coordinators roles.
- Multi-week scheduling process: the foundation of executing work in planned mode.
- Using Industry 4.0 software to ensure everybody is playing their roles flawlessly.
- Developing a strong bonding between Maintenance and Production.
- Establishing a long-term sustainment program for lasting benefits.
- Maximizing the value across large organization.

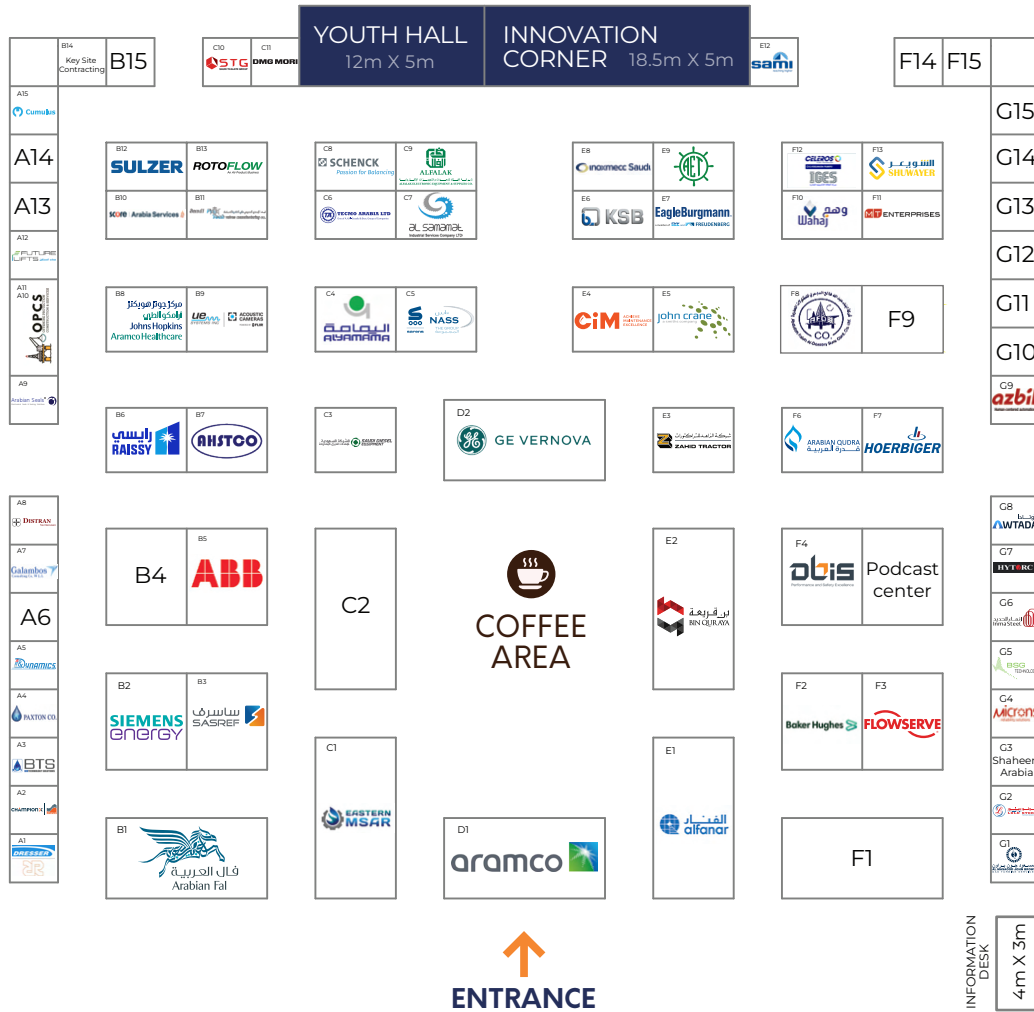
Benefits to the Audience

A Multi-week rolling schedule process with proper role definition is the foundation of implementing a planned work culture and ensuring timely equipment maintenance. Success hinges on:

- Clearly defining and controlling the roles of people required to get the benefits from the multi-week scheduling process.
- Implementing an Industry 4.0 digital solution that will ensure people of performing their roles flawlessly.
- Prioritizing change management and sustainment for lasting implementation success.

EXHIBITION FLOOR PLAN

HALL 2



SPONSORS, EXHIBITORS, PARTNERS

S. NO.	COMPANY	COUNTRY	CATEGORY	STAND NO.
1	Saudi Aramco	Saudi Arabia	Prime	D1
2	Easten MSAR Trading & Contracting Co.	Saudi Arabia	Diamond	C1
3	GE Vernova	Saudi Arabia	Diamond	D2
4	Bin Quraya	Saudi Arabia	Diamond	E2
5	Alfanar Projects - Engineering Services	Saudi Arabia	Diamond	E1
6	Arabian Fal Company	Saudi Arabia	Diamond	B1
7	Abdulla A. Al Barrak & Sons Co. (Abis)	Saudi Arabia	Platinum	F4
8	ABB Electrical Industries Co. Ltd.	Saudi Arabia	Platinum	B5
9	Baker Hughes	Saudi Arabia	Platinum	F2
10	Flowserve	Saudi Arabia	Platinum	F3
11	Saudi Aramco Jubail Refinery Co. (SASREF)	Saudi Arabia	Platinum	B3
12	Bapco Energies	Bahrain	Platinum	-
13	Siemens Energy Ltd	Saudi Arabia	Platinum	B2
14	Gulf Petrochemical Industries Co. (GPIC)	Bahrain	Gold	-
15	Saudi Diesel Equipment	Saudi Arabia	Gold	C3
16	Zahid Tractor & Heavy Machinery	Saudi Arabia	Gold	E3
17	Arabian Qudra	Saudi Arabia	Gold	F6
18	Al Yamama Company for Trading and Contracting	Saudi Arabia	Gold	C4
19	CiM Maintenance	Canada	Gold	E4
20	AHSTCO	Saudi Arabia	Gold	B7
21	UE SYSTEMS & FLIR	USA	Gold	B9
22	John Crane Saudi Arabia	Saudi Arabia	Gold	E5
23	Sarens Nass Middle East W.L.L.	Bahrain	Gold	C5
24	Raissy Trading & Contracting Co. Ltd.	Saudi Arabia	Gold	B6
25	Johns Hopkins Aramco Healthcare	Saudi Arabia	Gold	B8
26	Aluminium Bahrain (ALBA)	Bahrain	Gold	-
27	Abdullah Faleh Al-Dossary Sons Contracting Co. Ltd.	Saudi Arabia	Gold	F8
28	HOERBIGER Service Middle East FZE	UAE	Gold	F7
29	Saudi Aramco Total Refining and Petrochemical Company (SATORP)	Saudi Arabia	Luncheon	-
30	Al Samamat Industrial Services Company Ltd.	Saudi Arabia	Silver	C7
31	Sulzer Saudi Pumps Company	Saudi Arabia	Silver	B12
32	Abdullah H. Al-Shuwayer Sons Trading & Contracting Co.	Saudi Arabia	Silver	F13
33	KSB Pumps Arabia Ltd	Saudi Arabia	Silver	E6
34	Al Falak Electronic Equipment and Supplies Co.	Saudi Arabia	Silver	C9

SPONSORS, EXHIBITORS, PARTNERS

35	Inoxmecc Group	Italy	Silver	E8
36	EagleBurgmann Saudi Arabia Company Limited	Saudi Arabia	Silver	E7
37	Score Arabia Services	Saudi Arabia	Silver	B10
38	Tecmo Arabia Ltd.	Saudi Arabia	Silver	C6
39	Saudi Advanced Technologies Company (Wahaj)	Saudi Arabia	Silver	F10
40	Rotoflow, an Air Products business	Saudi Arabia	Silver	B13
41	Saudi Protech Valves Manufacturing Co.	Saudi Arabia	Silver	B11
42	Mahmoud Mohammed Tulbah Contracting Est. (MT Enterprises)	Saudi Arabia	Silver	F11
43	Schenck RoTec GmbH	Germany	Silver	C8
44	Arabian EST. for Trading, Shipping & Petroleum Works	Saudi Arabia	Silver	E9
45	IGES - Electronic Energy Trading Company	Saudi Arabia	Silver	F12
46	Offshore Protection Construction & Services	Saudi Arabia	Silver	A10 & A11
47	Dresser Al Rushaid Valve & Instrument Co. Ltd	Saudi Arabia	Exhibitor	A1
48	Biotechnology Solutions TX	USA	Exhibitor	A3
49	Al Masood John Brown	UAE	Exhibitor	G1
50	Lulu Store Maintenance Equipment W.L.L.	Bahrain	Exhibitor	G2
51	Distran Switzerland	Switzerland	Exhibitor	A8
52	Arabian Seals Company	Canada	Exhibitor	A9
53	ChampionX Windrock	USA	Exhibitor	A2
54	Azbil Saudi Ltd	Saudi Arabia	Exhibitor	G9
55	SAMI	USA	Exhibitor	E12
56	Saudi Thalate General Manufacturing Industrial Services	Saudi Arabia	Exhibitor	C10
57	DMG MORI	UAE	Exhibitor	C11
58	AWTADA	Saudi Arabia	Exhibitor	G8
59	Shaheen Arabia Company for Industry	Saudi Arabia	Exhibitor	G3
60	Galambos Consulting Co., W.L.L.	Bahrain	Exhibitor	A7
61	PAXTON Company W.L.L.	Bahrain	Exhibitor	A4
62	Microns Reliability Solutions W.L.L.	Bahrain	Exhibitor	G4
63	BSG Technology LLP	Kazakhstan	Exhibitor	G5
64	Dynamics Scientific, Inc	USA	Exhibitor	A5
65	Inma Steel Fabricators Co.	Saudi Arabia	Exhibitor	G6
66	Hytorc International	Saudi Arabia	Exhibitor	G7
67	Key Site Contracting	Saudi Arabia	Exhibitor	B14
68	Cumulus Digital Systems, Inc.	USA	Exhibitor	A15
69	Future - Lifts	Saudi Arabia	Exhibitor	A12
70	Eye of Riyadh	Saudi Arabia	Media Partner	-
71	OGN	Saudi Arabia	Media Partner	-

CONFERENCE REGISTRATION FEES

CATEGORY	EARLY BIRD REGISTRATION	FULL REGISTRATION	ONE - DAY REGISTRATION
Delegates	BHD 330 / USD 880	BHD 385 / USD 1,025	BHD 220 / USD 585
Speakers	Complimentary	Complimentary	Complimentary
Students*	BHD 100 / USD 270	BHD 100 / USD 270	BHD 80 / USD 215

*Students should provide proper authentication.

*10% VAT included

WORKSHOP REGISTRATION FEES

WORKSHOP NO.	WORKSHOP TITLE	WORKSHOP DETAILS
1	GSMR BODY OF KNOWLEDGE (BoK)	13 October 2024 Time: 08:30 - 15:30 Fees: BHD150 / USD 400
2	IR 4.0 Predictive Maintenance (PdM) Strategy	
3	Basic Root Cause Analysis (RCA)	
4	Multi-week Rolling Schedule "The Foundation of Planned Work culture in the Industry 4.0 Era"	

*10% VAT included

CERTIFICATION EXAMS REGISTRATION FEES

CERTIFICATION EXAMS	GSMR MEMBERS	NON - MEMBERS
Maintenance & Asset Reliability Certification (MARC) Exam	BHD 115 / USD 310	BHD 155 / USD 415
Certified Asset Management Assessor (CAMA) Exam	BHD 125 / USD 335	BHD 185 / USD 495

*10% VAT included

NOTE :

- Workshop & Certification Exams require a separate payment to participate.
- Only Conference Delegates are eligible to register for the workshops.

Cancellation and Refunds

Cancellation must be received in writing to the Conference Secretariat. A cancellation fee of BHD 30 (USD 80) will be charged for cancellation received before 10th September 2024. After this date no refund will be considered.

MAINTCON 2024 TECHNICAL PROGRAM

Note: This technical program is tentative.
Please scan the QR here to get the latest
updated program.



13-OCT-24

09:00 - 16:00	Workshop 1, Workshop 2, Workshop 3, Workshop 4
16:00 - 18:30	Conference Registration
18:30 - 19:30	Exhibition Opening Ceremony
19:30 onwards	Conference Opening, Executive Debate, Award Ceremony followed by Dinner

14-OCT-24

09:00 - 09:10	Opening Remarks
09:10 - 09:35	Keynote 1
09:35 - 10:00	Keynote 2
10:00 - 10:25	Keynote 3
10:25- 10:55	Coffee & Networking Break

TIME

TRACK 1

TRACK 2

TRACK 3

TRACK 4

Asset Management Practices, and Aspects for Future Sustainability

Utilizing Digital Technologies for Asset Management

Performance Measurement and Benchmarking Strategies

Future Outlook & Challenges of Maintenance and Reliability Engineering

10:55 - 11:20

Enhancing Turbomachinery Reliability and Sustainability: A Holistic Approach
Oliver Doidge
Regal Rexnord
United Kingdom

Centralized Reliability Center
Majed Alageel, Muhammad Alhazmi, Abdulaziz Alzahrani
Saudi Aramco
Saudi Arabia

Accelerated and Sustained World Class Reliability Performance Utilizing Solomon Associates RAM Study Results
Khalifa Alsaad
Bapco Refining
Bahrain

The importance of Coordination: The core principle of Asset Management and its importance in achieving resilience in assets and a sustainable tomorrow.
Travis Soutter
Concordia Asset Management
Australia

11:25 - 11:50

Enhancing Efficiency and Sustainability: Introducing a Real-Time Sensing Technology to Minimize Passing Valves
Ali Alrasheed
Saudi Aramco
Saudi Arabia

Reciprocating vs Rotating – What Makes Analyzing Reciprocating Machinery Different from Traditional Rotating Machinery Vibration Analysis.
Edward Kelleher
ChampionX | Windrock
United States

Connecting People, Process and Technology for a successful Asset Performance Management (APM) implementation
Johan Ferket
Bilfinger/Stork Asset Management Tech
Belgium

Analyzer Maintenance Challenges and Strategies in Bapco Refining's Modernization Program
Habib Habib
Bapco Refining
Bahrain

11:55 - 12:20

Expansion Joint Solutions for High Cycling Gas Turbine Combined Cycle Plants
Jake Waterhouse
DEKOMTE DE TEMPLE
United Kingdom

Predicting Failures for Electrical Submersible Pumps Through Data Modeling and Machine Learning
Fernando Bermudez Arape
Nybl
Spain

Digital Twin initiatives in Hydrogen Production Unit in KIPIC
Mohammad Jarkhey
KIPIC
Kuwait

Special Purpose Steam Turbine: Current to Pressure Converter (CPC) Failure Detection and Resolution
Nezar BaAqeel
Saudi Aramco
Saudi Arabia

12:20 - 13:30

Lunch Break

Asset Management Practices, and Aspects for Future Sustainability

Utilizing Digital Technologies for Asset Management

Performance Measurement and Benchmarking Strategies

Planning, Material and STO (Shutdown, Turnaround, Outage) Management

13:30 - 13:55

Advancements in Cooling Technology: Implementing Forced Draft FRP Cooling Towers
Mohammad Humaidi
Saudi Aramco
Saudi Arabia

Advanced Analytics And Domain Expertise In Baker Hughes Drive Predictive Performance Analytics On Centrifugal Compressors Through Operational Data
Daniele Porciani
Baker Hughes Company
Italy

Maximum Recovery of Off Gases During Lower Feed Rates
Aishah Aljalhamah
KIPIC
Kuwait

Implementation of Permanent Guided Wave For Road Crossing T&ls
Yasser Alrehaile
Saudi Aramco
Saudi Arabia

14:00 - 14:25

Update on WPIAM's Global Certification Scheme for Asset Management Practitioners
Robert Childs
IMQS Software Pty Ltd
South Africa

Digital transformation of Management of Change business process at Kuwait Oil Company
Maha Alhouti
Kuwait Oil Company
Kuwait

A Reliability Study of Fin Fans Air Cooled Heat Exchangers Transmission System
Mohamed Almahdi
Bapco Refining
Bahrain

Saudi Aramco Best Practices in Air Compressor Maintenance and Repair Program (New Ways to Overcome Unreliable Compressor Events)
Mohammed Altawili
Saudi Aramco
Saudi Arabia

14:30 - 14:55

Investigation of High Vibration in Platformer Recycle Gas Compressor
Fatema Shukri
Bapco Refining
Bahrain

The Reactive Power of 1
Paul Broussard
Strategic Asset Management Inc
United States

District Cooling System Approach for Higher Energy Efficiency, Improved System Reliability, and Reduced Maintenance Costs on HVAC Systems
Abdulrahman Alkulaibi
Saudi Aramco
Saudi Arabia

Reverse Engineering Utilization for Manufacturing complex Multi-Stage Steam Turbine Blades
Mohammed Alqahtani
Saudi Aramco
Saudi Arabia

15:00 - 15:25

A Guide to Motor Diagnostics – Theory, Practical Aspects & Field Experiences
Aditya Korde
Diagnostic Technologies India Pvt Ltd
United Arab Emirates

Digitalisation readiness & the impact of data silos
Stephen Reeve
Baker Hughes
Saudi Arabia

Logic Verification Task Force for Hydrogen Production Unit (HPU) in KIPIC
Mohsen Rustom
KIPIC
Kuwait

19:00 onwards

WIAM Ceremony & Dinner (By Invitation)

09:00 - 09:10

Opening Remarks

09:10 - 09:35

Keynote 1

09:35 - 10:00

Keynote 2

10:00 - 10:25

Live Demo : AI and Human Debate on Asset Management

10:25- 10:55

Coffee & Networking Break

TIME	TRACK 1	TRACK 2	TRACK 3	TRACK 4
	Asset Management Practices, and Aspects for Future Sustainability	Utilizing Digital Technologies for Asset Management	Circular Economy applications for Maintenance & Reliability	Spare Parts Management & Reverse Engineering Challenges and Opportunities
10:55 - 11:20	NonMetallic Sealless Pump for Hypochlorite Usage by Sharib A Khan Sharib Khan Saudi Aramco Saudi Arabia	What Boeing's Quality Issues Can Teach Us About Maintenance and Reliability Mark Litke Cumulus Digital Systems, Inc. United States	Non-man entry storage tank cleaning & robotic inspection of storage tank floors Mohamed Alrowaihi Bapco Refining Bahrain	First Turnaround of the World's Largest ARDs Complex in AL-Zour Refinery KIPIC: A Successful implementation of DMAIC Six Sigma Case study for analysis & improvement of three Consecutive ARDs shutdowns. Nourah Saad KIPIC Kuwait
11:25 - 11:50	Core Elements of Asset Management Raymond AmaningAgyarko Evraz North America United States	Rv Automation Process Marwan Alomari SASREF Saudi Arabia	Gas Turbine Life cycle optimization for a challenging offshore environment Abdullah Alkhaibri Saudi Aramco Saudi Arabia	System restoration testing of communication-based distribution automation schemes Mohamed Ali OMICRON Bahrain
11:55 - 12:20	From Reactive to Proactive: Advancing Sustainability in GSE Asset Management Abdullah Alrehailli TLD Arabia Equipment Services Saudi Arabia	Energy Optimization of Flow Loops Dilip Aramana Flowserve Netherlands	Pump performance audit & optimization identification David Martin Sulzer Middle East United Arab Emirates	Innovative Repair Strategy for Deteriorated Rafters in a Water Tank Senthil Kuamr Saudi Aramco Saudi Arabia
Lunch Break				
	Asset Management Practices, and Aspects for Future Sustainability	Utilizing Digital Technologies for Asset Management	Organizational Culture and HR Initiatives in Maintenance and Reliability	Future Outlook & Challenges of Maintenance and Reliability Engineering
13:30 - 13:55	Curing the "Everything is Urgent" Production Syndrome Jean Charbonneau Maintenance Excellence Group Canada	ABB Ability™ LEAP Vesa Osterholm ABB Sweden	Habituation Effect in Routine Preventive Maintenance: Strategies for Sustained Attention and Reliability Ahmed Iskandar Sadara Chemical Company Saudi Arabia	Effects of Seal Configuration on Seal Performance in Contaminated Applications Mohammad Tagzit Flowserve Saudi Arabia
14:00 - 14:25	Troubleshooting Water desalination Pumping System Using Root Cause Analysis Mohammed Alamoudi Saudi Aramco Saudi Arabia	Bapco Refining Accelerates its Digital Transformation Journey by implementing Asset Performance Management (APM). Yousif Als Salman Bapco Refining Bahrain	The impact of senior management strategies on functional isolation behavior in the workplace An analytical study in the Iraqi Media and Communications Commission and the Iraqi Engineers Syndicate Ahmed Abdul Ali Iraqi Engineers Syndicate Iraq	Exploiting AI for Improved Maintenance Practices in the Oil and Gas Industry Ali Aldosari KIPIC Kuwait
14:30 - 14:55	Enhanced Safety Through Welding Threaded Joints of Flushing Rings in High-Pressure Systems to Prevent Leakage and Fire Hazards in ARDs Units Abdulaziz Alyaseen KIPIC Kuwait	Transforming Asset Condition Monitoring and Proactive Maintenance with Ultrasound Technology Ahmed Moataz UE Systems Egypt	Digital Dexterity Reshaping Digital Capabilities In Ai Era Hadla Alfedaghi KIPIC Kuwait	Electrical Equipment in Hazardous Areas Ayman Badawy Alfanar Projects Saudi Arabia
15:00 - 15:25	Adopting advanced concrete inspection techniques as asset management practice Mohsin Murtaza SASREF Saudi Arabia	Wireless Electrical Conditioning Monitoring and Predictive Maintenance Analytics System Ahmad Alameer KIPIC Kuwait	Shaping Asset Management Culture: The Journey to Unlock Organizational Potential Loïc Taugourdeau S.A.M.A. - Strategic Asset Management Advisory United Arab Emirates	HP Connectors Abstract Mustafa Ahmed Bapco Energies Bahrain
19:00 onwards	Gala Dinner (By Invitation)			

16-OCT-24

09:00 - 09:10

Opening Remarks

09:10 - 10:00

Executive Panel Discussion

10:00 - 10:30

Coffee & Networking Break

TIME

TRACK 1

TRACK 2

TRACK 3

TRACK 4

Asset Management Practices, and Aspects for Future Sustainability

Planning, Material and STO (Shutdown, Turnaround, Outage) Management

Organizational Culture and HR Initiatives in Maintenance and Reliability

Future Outlook & Challenges of Maintenance and Reliability Engineering

10:30 - 10:55

Artificial Intelligence in Pipeline Integrity Management
Dr. Adel Younis
Australian University
Kuwait

Balancing Economic Efficiency and Safety in Refinery Shutdown Management: Strategies for Minimizing Downtime Costs
Alaa Aladwani
KIPIC
Kuwait

Current Sensor Measurement Method for Testing HV GIS Circuit Breakers
Mohamed Alsaif
OMICRON electronics Middle East
Bahrain

Smart lubrication system for reciprocating compressors
Gercek Ersoy
Hoerbiger
United Arab Emirates

11:00 - 11:25

An Optimization Model for Manpower Maintenance Capacity Planning
Mohammed Al-Shayea
Ma'aden Aluminium Company
Saudi Arabia

Leveraging the competency of employees and contractors through an In-House developed Basic Hazard Recognition simulations
Abdulrahman A. Alsharif
Saudi Aramco - Yanbu Refinery
Department
Saudi Arabia

Test Bunch for Turbo charger
Alajmi, Ahmed A.
Saudi Aramco
Saudi Arabia

11:30 - 11:55

Driving sustainability through Prescriptive Analytics in Asset Management
Muhammad Shafique
Emerson Automation Solutions
Saudi Arabia

Modernization with Cooling Tower Direct Drive Solution
Shubhankar Mishra
ABB
India

Abqaiq Plants Empowerment Toward Reliability
Abdulrahman Aburoyan
Saudi Aramco
Saudi Arabia

Enhancing Asset Management for Future Sustainability: "Best Practices and Aspects"
Mohamed Rashad
Alfanar Projects
Saudi Arabia

12:00 - 12:25

Seal-Less Magnetic Drive Units: Enhancing Pump Reliability and Efficiency - A Case Study
Hasan Ali
Bapco Refining
Bahrain

Optimizing Inventory for Enhanced Bottom-Line Performance
Majd Kinawi
John Crane
Saudi Arabia

Increasing Plant Capacity Through Reliability
Ibrahim Al Brahimi
Arab Paper Manufacturing Co.
Saudi Arabia

Utilizing Environmentally Sustainable Waste Tire Fibers for Oil Spill and Oily Water Remediation
Rana Malhas
Australian University
Kuwait

12:30 - 12:55

Mechanical Seal Failure Analysis of a VS6 Type Surface Condenser Pump
Ali Almuathen
Bapco Refining
Bahrain

Optimization & Digitization of Gas -Oil Separation Plant (GOSP) Using an Hybrid/AI Model
Faisal Raza
SCHLUMBERGER/CAMERON
Bahrain

Gaspac® LE & ZE - Low and Zero Emission Dry Gas Seals
Marvin Kellman
Flowsolve

Robotic Process Automation (RPA) in Maintenance
Norah Alshammery
Saudi Aramco
Saudi Arabia

12:30 - 01:00

Coffee & Networking Break

01:00 Onwards

Panel discussion, Closing Ceremony & Lunch

Conference Venue

The conference and exhibition will be held at the Exhibition World Bahrain.

Exhibition World Bahrain is a stunning piece of architecture that embraces the rich Arabic art and culture within its design. An innovative, flexible and adaptable space that is able to cater to every type of event from large conventions and exhibitions to meetings, entertainment, concerts, gala, events and celebrations.

Exhibition World Bahrain offers world-class flexibility in design with multiple space configurations, ideally suited for exhibitions, conventions, gala events, banquets, corporate launches, concerts, family entertainment, and special events.

Accommodation Information

Hotel accommodation has been reserved at the hotels near the conference venue at a special rate.

For special rates please visit our website www.maintcon.org

The Kingdom of Bahrain, an archipelago of 33 islands, is rich in history and ancient civilizations, and is situated in the Arabian Gulf, off the east coast of Saudi Arabia. The country offers a fascinating blend of eastern and western cultures. The capital, Manama, is quite modern cosmopolitan city, which boasts world class restaurants, shopping centers, and tourist attractions. The climate is hot in summer and mild in winter. From October to March, the weather is very pleasant, with temperatures ranging from 15 to 24 degree centigrade. Arabic is the official language, but English is widely used by most businesses.

About Bahrain



2024 SPONSORS

PRIME SPONSOR



DIAMOND SPONSORS



PLATINUM SPONSORS



GOLD SPONSORS



SILVER SPONSORS



MEDIA PARTNERS



LUNCHEON

