

PSERM FORUM

GLOBAL PROCESS SAFETY EXCELLENCE & RISK MANAGEMENT FORUM

30TH -31ST MARCH 2020

Amsterdam, The Netherlands

*ENHANCE PROCESS EXCELLENCE THROUGH RISK BASED APM,
OPTIMIZED HEALTH SAFETY ENVIRONMENT & DIGITAL
TRANSFORMATION*

INTRODUCTION

Dear Patron,

In presence of highly regulated markets, aging equipment, complex technologies and limited resources put forward a high demand for Process Safety & Risk Management.

To avoid accidents we need to have effective strategies which minimize risks, gain certainty and achieve operational excellence. By ensuring a safe working environment, effective risk planning, predictive maintenance inspection planning and implementing digital transformation & AI technologies, WE WILL GET THERE!!

Global Process Safety Excellence & Risk Management Forum will focus on process design, structure, maintenance, safety inspection, operations, and management concepts. The forum will comprise of case study presentations from thought leaders, panel discussions, workshops and master classes addressing a wide range of pertinent topics.

We are pleased to invite you in Amsterdam on 30-31 March 2020 to take the opportunity and make benefit from it.

Project Director
Michael Harvy



PROCESS SAFETY EXCELLENCE & RISK MANAGEMENT FORUM 2020

SPEAKERS INCLUDES



Arafat Aloqaily
Process Safety
Engineer
Saudi Aramco



Gabriele Albanesi
Plant Maintenance
Manager
Eni



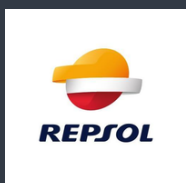
Jan Hoenselaar
Director Process
Safety
Tata Steel



Steven Beddegenoodts
Global EHS &
Sustainability Lead
SABIC



Amine Mallek
Maintenance
Superintendent
Serept



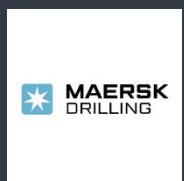
Kanu Akachidike
Advisor - Technical
Analysis and Business
Development
Repsol



Olivier Iddir
Risk Quantification
Engineer | Process &
Technologies Division
Technip



Laurent Ruhlmann
Corporate Process
Safety Director
Yara International



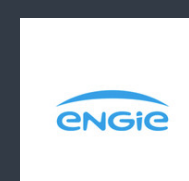
Ole Brinck
Head of Electrical,
Automation, Technical
Safety and Technical
Compliance
Maersk Drilling



Denis Robillard
DG/PSR/HSE/RC/ Major Risks
Total



Saadallah Harzalli
Senior ORA Engineer Process
Safety and Integrity
OMV



Xavier Perret
Global Care
Director
Engie



Zubair Jan Awan
Senior Specialist, HSE Policy
& Governance Division
ADNOC



Gregory Arnold
Executive Vice President
**The National Organization
of Technology Exploration
and Delivery (NOTED)**

Benefits of Attending:

- Meet with the decision makers from the industry and stay on top of the trends
- Increase process safety, performance and reliability
- New methods and technology for inspection
- Maximise production and minimise cost
- Learn to apply operational excellence in practice
- Build a relationship with key stakeholders
- A content-rich and properly researched event, with excellent feedback from previous attendees
- The event provides the most comfortable business environment
- Solution providers as per requirements

Technology Showcase:

The conference will host a small scale technology showcase hour in which our sponsors will have a chance to display their product and services in front of the attendees.

We only select specific exhibitors and solution providers as our solution partners.

The Maximum number of exhibitors is limited to **five(5)** this year.

If you have any product and service that our attendees can benefit from, please feel free to contact us.



PROCESS SAFETY EXCELLENCE & RISK MANAGEMENT FORUM 2020

SESSIONS

Day I

8:30

Registration and breakfast **Opening**

8:50

Address from the Chair

TOPIC: DEVELOPMENT OF NEW PIPELINE FAILURE ANALYSIS TOO

- How does pipelines safety and risk assessment depend on pipeline failure rates and modes?
- Exploring the databases that are evaluated to define correlations between pipelines design and operating parameters and the potential for pipeline failures
- Developing a new probabilistic model to assess pipeline failure modes and rates based on statistical analysis of historic failure events

Arafat Aloqaily
Process Safety Engineer
Saudi Aramco

TOPIC: THE TRAP OF MANAGEMENT OF CHANGE: WHY ARE ACCIDENTS STILL HAPPENING IN COMPANIES WITH A STRONG RECORD IN PROCESS SAFETY?

- How will automation and artificial intelligence impact employment prospects
- The benefits and dangers of automation
- Would you let a robot design a process installation?
- Will human error be a thing of the past?

Laurent Ruhlmann
Corporate Process
Safety Director
Yara International

TOPIC: TBA

Gregory Arnold
Executive Vice President
The National Organization of
Technology Exploration and
Delivery (NOTED)

11:15

Coffee Break

TOPIC: PRACTICAL IMPLEMENTATION OF AN INDUSTRIAL SYSTEM FOR CHEMICAL INHIBITION OF VAPOR CLOUD EXPLOSIONS

The oil industry operates installations and processes with important quantities of flammable substances within a wide range of pressures and temperatures. A particular hazard for this type of installations is an accidental release of a large quantity of flammable material resulting in a devastating vapor cloud explosion. Extensive research has been conducted to assess the efficiency of chemicals - applied as solid powders - for inhibition of flames. Especially alkali metal compounds (especially carbonates and bicarbonates of sodium and potassium) have shown to be one of the more efficient flame inhibitor species. In this paper, a practical implementation of an industrial system for chemical inhibition of vapor cloud explosions is discussed and developed. This implementation is based on the use of carbonates and bicarbonates of sodium and potassium as flame inhibitor species. The efficiency of the final design of the inhibition system was tested and confirmed on a very large scale in Vapor Cloud Explosion tests in California (US) in September 2016. The effectiveness of the industrial system for VCE mitigation by chemical inhibition has also been demonstrated in simulations using empirical models and CFD codes applied on real industrial facilities. A first industrial implementation of the inhibition system is foreseen in 2018-2019 as part of 2 new units within Total.

Denis Robillard
DG/PSR/HSE/RC/ Major Risks
Total

PROCESS SAFETY EXCELLENCE & RISK MANAGEMENT FORUM 2020

SESSIONS

TOPIC: THE OPERATIONAL READINESS ELEMENT OF PROCESS SAFETY MANAGEMENT

- Operational readiness as a key element for successful process safety management framework
- Operational readiness work activities
- Improving the effectiveness of the operational readiness activities
- Operational readiness key performance indicators (Metrics)

Saadallah Harzalli
Senior ORA Engineer Process Safety and Integrity
OMV

13:00

Business Lunch

SPONSORSHIP SLOT

TOPIC: MISUNDERSTANDINGS FOR THE APPLICATION OF THE IEC 61511: HOW IMPROVE SAFETY FOR SAFETY INSTRUMENTED SYSTEM ?

- Importance of the SIS in prevention and mitigation of major accidents
- Focus on the new requirements of the IEC 61511
- Review of common mistakes and gaps relating to the application of the IEC 61511
- A Functional Safety Management Plan: optional or required ?
- New insight into the average probability of failure of the safety instrumented system

Olivier Iddir
Risk Quantification Engineer |
Process & Technologies Division
Technip

TOPIC: MANAGING THE SAFE LOADING AND UNLOADING OF CHEMICALS

- Improve risk management further in this area where many accidents happen
- Manage any changes and consider the systems that should be put in place according to the size of the change
- Analyse techniques to control tangible hazards when cooperating between the receiver and the carrier
- Handle tangible hazards when shutting down manufacturing sites

Steven Beddegenoodts
Global EHS & Sustainability Lead
SABIC

16:00

Afternoon Tea and Networking Break

TOPIC: EMBRACING BARRIER-BASED RISK MANAGEMENT AND OPTIMISING YOUR MISSION CRITICAL PROCESSES

- What can go wrong in different shades and forms?
Developing all possible scenarios
- Defining what barriers are in place to prevent incidents
- Assessing the health of barriers

Jan Hoenselaar
Director Process Safety
Tata Steel

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SESSIONS

REVIEW & ANALYSIS BY EXPERTS / PANEL DISCUSSIONS / MASTER CLASSES

Moderator: Chairman
Panelists: Speakers of the day/Sponsors/Delegates

17:45 Chairman's closing remarks and end of Day 1

Day 2

8:30 Registration

8:50 Opening Address from the Chair

TOPIC: TBA

Gabriele Albanesi
Plant Maintenance Manager
Eni

TOPIC: MAKING THE ORGANISATION SAFETY-SAVVY ON ALL THE LEVELS

- How to secure the process installations: Starting with Engineering and Design functions
- Boosting safety expertise across different departments by involving Maintenance, Engineering and Production
- Setting a clear strategy and communicating the indicators across different organisational levels
- Ensuring synergies between Process Safety, HSE, Operations and Technical Departments

Xavier Perret
Global Care Director
Engie

TOPIC: TBA

Amine Mallek
Maintenance Superintendent
Serept

11:15 Coffee Break

PROCESS SAFETY EXCELLENCE & RISK MANAGEMENT FORUM 2019

SESSIONS

TOPIC: SPENDING REDUCTION THROUGH EFFECTIVE ASSET LIFE EXTENSION MANAGEMENT (ALEM) IN ADNOC GAS PROCESSING.

- ALEM Triggers:
 - Strategic Requirements.
 - HSE & Integrity concerns.
 - Ageing & Obsolescence.
 - Reliability/Maintenance/Cost.
 - Operating Window Changes.
- ALEM Study Deliverables:
 - Optimized 20 year Life Extension actions.
 - Long term Budget visibility.
 - Current Condition & Remnant Life Score & Status.
 - ALEM Management System Review results (Compliance & Effectiveness).

Zubair Jan Awan
Senior Specialist, HSE Policy &
Governance Division
ADNOC

13:00

Business Lunch

TOPIC: FROM REACTIVE TO PROACTIVE: MAERSK'S APPROACH TO OBSOLESCENCE MANAGEMENT

- Introducing a risk-based approach to obsolescence management
- Assessing the predicality of the system: Getting across the main factors (available spares, lead time, etc)
- Aligning on the planning issues with the management
- What risks are in the way of securing safety-critical systems?

Ole Brinck
Head of Electrical,
Automation, Technical Safety
and Technical Compliance
Maersk Drilling

15:50

Afternoon Tea and Networking Break

TOPIC: PRAGMATIC APPROACH TO SELECTING MATERIALS FOR SOUR TRANSPORT

Kanu Akachidike
Advisor - Technical Analysis
and Business Development
Repsol

17:30

Chairman's closing remarks and end of Forum

PROCESS SAFETY EXCELLENCE & RISK MANAGEMENT FORUM 2020

REGISTRATION FORM

Kindly fill the form and send it back to:

michael.harvy@prima-eventi.com

Name

Position

Name

Position

Name

Position

Name

Position

Company

Address

City

Postcode

Phone

VAT No.

Date

Signature

Michael Harvy

Project Director

Tel: +420 777 119 649

Email: michael.harvy@prima-eventi.com

Early Bird Discount (Valid till 10/01/2020)	= € 2295
Standard Registration Fee	= € 2899
One Day (attend any one day of the event) Speaker	= € 1895
Package	= € 3999
Group Discount (3 and more people per pass)	= € 1999
Online Documentation (free for attending delegates)	= € 899

PAYMENT METHOD:

Online Payment

Bank Transfer

Payment is due in full at the time of registration .

Terms and Conditions:

By submitting this signed booking form, I agree that the following terms and conditions have been read thoroughly and the content is well understood.

Payment Conditions:

Payment should be made in full immediately after submitting the signed booking form. Payment should always be made in Euros unless indicated otherwise. PSERM Forum accepts all kinds of credits cards. Although the preferred means of payment is credit card, in a few cases the bank transfer option may be allowed ONLY on condition that the payment is made within 10 working days upon receiving the invoice. The fee of the event includes the possibility to download speakers' presentations, access to the conference hall & materials, refreshments, lunches and snacks. Each delegate will be responsible for their own hotel accommodation and travel expenses, however PSERM Forum will negotiate and offer the best possible hotel rates for its delegates in the same 4-star or 5-star hotel in which the event will take place.

Substitution Policy:

Substitution of delegate(s) is possible at any time without any extra fees. Nevertheless, PSERM FORUM would need at least 3 days prior to the event to make arrangements for the substitute(s).

Cancellation Policy:

Incase a delegate would like to cancel their participation for some unexpected eventualities, such requests must be submitted in written and sent by post 4 weeks prior to the event in order to obtain a full credit note for any future event organised by PSERM Forum. The fees charged are strictly non-refundable. If PSERM Forum would decide to cancel an on-going event, the delegate would receive a 100% refund of their payment. Non-attendance, otherwise referred as a "no show" does not signify cancellation. AIOE Forum will not be held responsible for events cancelled for reasons beyond its control such as natural disasters, accidents, sabotage, trade or industrial disputes, outbreak of disease, hostilities, terrorism, etc. However, a full credit note would be given in each of these cases.

Data Protection:

PSERM Forum agrees to keep clients' information confidential in its database. The client gives PSERM Forum the authority to keep their information in its database and use the information in any way necessary in connection with the event, otherwise consent should be sought. Client information will be removed immediately after receiving a written request by post.

PLEASE NOTE:

All booking forms submitted without a signature are considered invalid. PSERM Forum reserves the right to postpone the event to a later date or make changes to the location or confirmed speakers. If a client decides to cancel their participation for these reasons the client will receive a full credit note which covers the amount paid to attend any future event organised by PSERM Forum. The hotel information may not be provided at the time of booking but should be ready at least one month prior to the event. In such case, please bear with us.

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