

# Program

## Day 1, Oct 08

2018 Saudi Aramco Process Safety Conference

07:00 - 08:00	Registration/ Networking Breakfast	
08:00 - 08:15	Welcome Speech	
08:15 - 08:45	Saudi Aramco Leadership Keynote Address   Mr. Bader Al-Qadran, Executive Director, Safety & Industrial Security, Saudi Aramco	
08:45 - 09:30	Technical Keynote Address   Mr. Shakeel Kadri, Executive Director, CCPS, AIChE	
09:30 - 10:00	Break/ Exhibition	
10:00 - 11:30	Leadership Panel Discussion “Emerging Process Safety Challenges to Building a Successful Future”	
11:30 - 12:30	Lunch Break	
	<b>Session 1 (Al Dana Hall)</b> <i>Process Safety Management Implementation</i>	<b>Session 2 (Okaz Hall)</b> <i>Applications of Risk Management Techniques</i>
12:30 - 01:00	Ensuring Quality and Value from a Culture Improvement Initiative <i>By Steve Arendt, ABS Group Inc.</i>	Risk Management of High Temperature Hydrogen Attack in Refineries <i>By Kermad Abdelhak, Saudi Aramco</i>
01:00 - 01:30	Operational Risk Management—A Method to Optimize PSM Resources while Ensuring Business Success <i>By Nicholas Bahr, DuPont Sustainable Solutions</i>	Risk Assessment of Large Oil Storage Tanks Considering Domino Effects <i>By Ali Sari, Omega Risk</i>
01:30 - 02:00	Process Focused Reviews: Our Journey to Safe Operation <i>By Khoulouf Bouziane, Saudi Aramco</i>	Case study: Paradigm Shift, A Revolutionary Change in Overpressure Protection Philosophy <i>By Pedro Mujica, Saudi Aramco</i>
02:00 - 02:30	Break/ Exhibition	
	<b>Session 3 (Al Dana Hall)</b> <i>Human Factors in Process Safety</i>	<b>Session 4 (Okaz Hall)</b> <i>Asset Integrity Management</i>
02:30 - 03:00	Human Factors in Layer of Protection Analysis <i>By Hesham Al-Subait &amp; Mahesh Murthy, SABIC</i>	Modern Interpretation of Asset Integrity Management <i>By Steve Saunders, RiskTec</i>
03:00 - 03:30	Human Factors in Process Safety Incidents <i>By Mark Fields, Saudi Aramco</i>	Effective Approach for Asset Integrity Management <i>By Harshal Lokhande, Siemens LLC</i>
03:30 - 04:00	Human Reliability Analysis for Evaluation of Conduct of Operations and Training <i>By Tim Shelton, Jensen Hughes</i>	Functional Safety Asset Integrity <i>By Huipeng Li, Engineering Safety Consultants Ltd</i>

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## Day 2, Oct 09

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07:00 - 07:15	Networking Breakfast	
07:15 - 08:00	Technical Keynote Address   <i>Mr. Jack Hinton, Chief HSE Officer, Baker Hughes, A GE Company</i>	
08:00 - 09:00	Technical Panel Discussion “ <i>Process Safety - The Human Touch</i> ”	
09:00 - 09:30	Break/Exhibition	
	<b>Session 5 (Al Dana Hall)</b> <i>Safety Culture and Behavioral Based Safety</i>	<b>Session 6 (Okaz Hall)</b> <i>Best Practices &amp; Latest Updates in Process Safety</i>
09:30 - 10:00	Dealing with non-compliance to procedures <i>By David Embrey, Human Reliability Associates</i>	Optimization of Passive Fire Protection Scheme <i>By Mellachervu Srikanth &amp; Tisolas Alexandros, SAIPEM</i>
10:00 - 10:30	A Successful Journey in Behavioral Based Safety <i>By Seraj Jan, YASREF</i>	Harnessing the Power of Digitalization to Better Manage Process Safety <i>By Andy Bartlett, Petrotechnics</i>
10:30 - 11:00	Towards Safety Culture Excellence <i>By Adai Onazi, Saudi Aramco</i>	Designing Engineering Standards to Address Process Safety and Human Factors <i>By Fawaz Al Sahan, Saudi Aramco</i>
11:00 - 11:15	Break/ Exhibition	
	<b>Session 7 (Al Dana Hall)</b> <i>Performance Sustainability &amp; Measurement in Process Safety</i>	<b>Session 8 (Okaz Hall)</b> <i>Proactive Measures for Managing Process Safety</i>
11:15 - 11:45	An Enterprise Risk Management Framework Applied to Process Safety <i>By Muhammed Qureshi, Saudi Aramco</i>	Process Safety Barriers & Safeguards Verification <i>By Abdullah AlMulla &amp; Ahmed AlFadhli, SADAF</i>
11:45 - 12:15	Process Safety Key Performance Indicators <i>By Dani Bou Reslan, YASREF</i>	Recognizing Catastrophic Incident Warning Signs in the Process Industries <i>By Oscar Barajas, Saudi Aramco</i>
12:15 - 12:45	Implementing the ERM Framework in an Upstream Operations Environment <i>By Noor Iqbal &amp; Ilker Cankara, Saudi Aramco</i>	Preventing Process Safety Incidents Utilizing Effective MOC Through Soft Tools <i>By Muhammad Haider, SIPCHEM</i>
12:45 - 01:00	Concluding Remarks	
01:00 - 02:00	Lunch	