

## Flow Control Exchange India, 3 & 4 October 2019

### October 3

9:00	Registration
9:30	Welcome and conference opening, <i>Conference Chairman Mr Mrinal Das, Senior Vice President of Projects, Laxmi Organic Industries Ltd</i>
9:45	<b>Keynote 1: Where India's chemical &amp; fertilizer industries are heading and the valve requirements for the decade ahead</b> Incl future plans and what valves (type, quantity) they anticipate needing. Projects & Design India Limited (PDIL) <i>tbc</i>
10:15	Coffee break & exhibition visit
11:00	<b>Digitalization of the valve industry and what it means for end users and manufacturers</b> <b>Moderator:</b> <i>Badriram Parthasarathy, Honeywell UOP</i>  <i>Mummadi Venugopal, Project Procurement, Reliance Industries</i>  The current state of the market (DCS/positioner based analytics rotary equipment based analysis); End result & advantages, what customers want, differences between industries; Technology advancements; IOT, machine learning, AI, sensors, attemperator vs valve diagnostics. <i>Mr Ajitkumar Sreekumar, VP, IMI Americas</i>  Effective utilization of an Asset Management system for valve maintenance. <i>Mr Allen John, Sr Manager Instrumentation &amp; Mr Karanth, Manager Instrumentation, Mangalore Refinery &amp; Petrochemicals</i>
12:30	Networking Lunch on the exhibition floor
14:00	<b>SIL (Safety Integrity Levels) - reducing risk within the plant</b> <b>Moderator:</b> <i>Mr Kuldeep Singh, Haldor Topsoe</i> Standards and best practices for implementing Safety Instrumented Systems, addressing both end users and manufacturers. <i>Mr Sudhir Pai, exida Consulting India Pvt. Ltd.</i>  SIL from an automation perspective: HIPPS. <i>Rajeev Sivam &amp; Sanjay Soni, Emerson</i>  The roles and responsibilities of EPCs in the safety lifecycle of a project; steps for Identification & implementation of Instrumented Protective Functions, from Hazop to assigning the SIL levels and architectural requirements, to performing SIL verification & implementing recommendations to meet the required SIL level. Includes a case study revealing the challenges faced during SIL implementation by an EPC. <i>Iyer Chandramouli, Chief Engineer – Process Control and Automation, Maire Tecnimont Group</i>
15:30	Coffee break & networking on the exhibition floor
16:00	<b>Interactive Q&amp;A session between manufacturers &amp; end users: How medium sized manufacturers produce valves to ensure quality, consistency and reliability for end users - Moderated by Mr Ramesh Babu, Managing Director, Velan Valves India PVT Ltd</b>
17:30	Networking cocktails on the exhibition floor open to all participants

**October 4 2019**

9:30	<b>Keynote 2: Procurement practices are evolving – a discussion of this and how are factors such as digitalization of the process, online trading etc affecting the valve industry.</b>
10:00	Coffee break & networking on the exhibition floor
11:00	<p><b>Fugitive Emissions</b>            What are the norms in the Indian industry today? <i>Dr K.V. George, Air Pollution Control division, CSIR-NEERI (tbc)</i></p> <p>An EPC's perspective on what is expected of end users today &amp; tomorrow and whether valve manufacturers are meeting these evolving needs. <i>Mrs Suprita Mitta, NPCC Engineering Pvt Limited (NEL)</i></p> <p>Fugitive Emission regulations focus on sealing criteria. Valve OEM's must align these criteria with the functional parameters to guarantee safe operation while producing valves that are cost both effective and fit for purpose. <i>Sébastien Menard, Latty International</i></p>
12:30	Networking Lunch on the exhibition floor
14:00	<p><b>Maintaining &amp; managing India's aging plants</b>            Moderator: <i>M.K. Rastogi, Corrosion &amp; RBI Consultant at Shell , British Gas Exploration (India) Ltd</i></p> <p>Upgrades within India's fertilizer industry; a recent example and lessons learned. <i>Mr Narinder Goyal , Chambal Fertilizers tbc</i></p> <p>How artificial intelligence can help improve efficiency in predictive maintenance during asset management. <i>Dr Thomas Steckenreiter, SAMSON AG</i></p> <p>An EPCs perspective of the challenges in upgrading plants, focusing on: Automation advancements for revamp plant design; Modularization; and the use of upgraded and automated valves and other components. <i>Mr Anil Kumar Chand, FLUOR Daniel India Pvt Ltd</i></p> <p>Managing Valve Performance in Aging Plants - Risk &amp; Reward. <i>Dave Anderson, Score Diagnostics Ltd</i></p>
15:30	Coffee break & networking on the exhibition floor
16:00 – 16:30	<b>Keynote 3:</b> As a premier think-tank for the Government of India, NITI provides critical knowledge, innovation and entrepreneurial support to the country. This keynote will address the future direction for Indian industries of importance to the valve industry and what developments key players can expect. <i>Mr Pai, National Institution for Transforming India (NITI AAYOG), tbc</i>
17:00	Closing ceremony on exhibition floor, networking & refreshments for all participants