Thursday October 5 2017 latest update 17 August

9:00	Registration
9:30	Opening by Conference Chairman *Mr Rajesh Bhargava, Executive Director, GNFC Ltd (Gujarat Narmada Valley Fertilizers & Chemicals Ltd)*
10:00	Keynote 1: India, the global valve hub; how do we achieve this? What are the missing links in the production process that would allow manufacturers to achieve committed delivery of quality valves, so that India can indeed become the global valve hub? *Mr Ramesh Babu, Chairman of the Valves & Automation Division of CII; Managing Director, Velan Valves India PVT Ltd*
10:30	Keynote 2: An update on global and Indian projects and markets across the oil & gas, fertilizer and chemical industries. *Mr. Shaheen Chohan, VP of Analytics, Industrial Info Resources*
11:00	Break
11:30	**Technical session: Valve design, selection & approval of suppliers** *Applicability of Valve design standards, Vendor selection, approval criteria and procedures, managing documentation in the digital world. *Mr Peush Mahajan, Director, Advance Valves* *An EPCI perspective on the contractor's role and extent of involvement in the selection, review, audit, approval, and follow up process of valve manufacturer's key sub-suppliers, given the current market conditions. *Mr Wojciech Zmudzinski, Chief Engineer Valves & Actuation, Senior Supply Chain Manager, McDermott* *Inspection: A tool to ensure quality and win the trust of customers *(Fluor, speaker name to be confirmed)* Moderator: *Mr Mahajan Chowdry, EIL*
13:00	Lunch
14:00	**Technical session: Valve maintenance – challenges & opportunities** * Correct handling of valves during storage, installation and commissioning. *Mr Sourav Mukherjee, Senior Engineer – Instrumentation, EIL* * Predictive & preventative maintenance. *Mr Ganesh Bhat*, *Senior Manager- Instrumentation Maintenance, Mangalore Refinery and Petrochemical Ltd (ONGC)* * Diagnostics and real time monitoring: what are good maintenance practices? A lot of data is available through diagnostic software but can end users effectively correlate and convert the data into useful information. *Dave Anderson, Score Diagnostics Ltd, UK* Moderator: *Arvind Goel, AUMA*
15:30	Break
16:00	**End User Panel Discussion** , Hosted by Barrie Kirkman, UK An interactive forum addressing supply chain issues arising between suppliers and end users. Including participants from: EIL, GNFC, ONGC, Reliance, GAIL, Bechtel and more!
17:30	Networking cocktails

Friday October 6 2017

9:30	Keynote 3: Fugitive emissions: considering the Indian situation in the global context. *Mr. P.K. Shrivastava, Senior Vice President, Reliance Industries Ltd*
10:00	Keynote 4: New and emerging markets for Indian valve manufacturers: Middle East, Africa and Iran. *Sriram Krishnamoorthy, Senior Consultant, Industrial Automation & Process Control Practice, Frost & Sullivan.*
10:30	Break
11:00	**Technical session: Specifying & understanding the applicability of materials of construction** * Corrosion and erosion; significant issues for the safety and sustainability of operations. *Mrinal Das, Senior General Manager - Projects, Jacobs Engineering* * The influence of process and parameters on the material of construction. *Mr Andrea Zilio, Product Manager, Flowserve* * How the selection of sealing elements, packing and gaskets can affect the performance of a valve. What is the best option for the most common applications; relevant industry standards. *Mr N R Venkatesh, Senior Deputy General Manager, Design & Development, L&T Valves* Moderator: *Mrinal Das, Jacobs Engineering*
12:30	Lunch
13:30	**Technical session: Lifecycle costs / cost of ownership for valves & actuators** * The concept of lifecycle costs: Quality may cost more but saves money in the long run. *Mr. S.G. Thakkar, Deputy General Manager – Maintenance, Instrumentation, HMEL* (*HPCL-Mittal Energy Limited)* * How can small and medium scale manufactures produce valves and still maintain quality, consistency and reliability. What are the challenges they face in raising their standards, e.g. limited testing facilities, limited technology, high cost of machines, implementing quality control. *Petrofac (speaker name to be announced).* * Actuation: How much control do you need? Matching your investment costs with available technologies and the influence of this on valve selection. *Tony Stark, Bernard Controls* Moderator: (tba)
15:00	Break
15:30	**End User Panel Discussion: hosted by Barrie Kirkman, UK** An interactive forum addressing supply chain issues arising between suppliers and end users. Including participants from: EIL, GNFC, ONGC, Reliance, GAIL, Bechtel and more…check regularly for updates!

WORKSHOPS

These hour-long workshops are practical training/short courses provided by experts. Workshops may be attended by all visitors, delegates & exhibitors at no cost.

Electric actuators: settings, commissioning and maintenance including proper storage and handling

Hosted by AUMA

Objective: To impart participants with sufficient knowledge on settings, commissioning and maintenance aspects of electrical actuators and also provide information on proper storage and handling.

Introduction
Working concept and construction of an Electrical Actuator (Demo with working model)
Topics covered:

- Setting valve travel stroke & torque (demo with working model)
- Protections provided in an electrical actuator
- Commissioning procedure (demo with working model)
- Introduction to Field Programmable Parameters and Functions (demo with working model)
- Understanding event and fault signals
- Understanding warning signals and data logging (demo with working model)
- Introduction to commissioning & diagnostic tool and demo through laptop and blue tooth (Demo with working model)
- Maintenance aspects of electrical actuators
- Storage and handling of electrical actuators
- Open–house (questions from the audience)

Target audience:

- Engineering staff involved in operation and maintenance engineering staff at end users
- Personnel involved in valve testing inspection and engineering at valve OEMs
- Project engineers involved in specifying and choosing electrical actuators at EPCs

Ensuring and improving casting & forging quality

Hosted by Raymond Cordewener, Independent Consultant, The Netherlands

- Casting alloys
- Casting repair
- Quality assurance
- System compliance
- Quality policy for sourcing castings from foundries.
- Controlling quality; are the some government regulations?
- The minimum standard in India – this needs to be raised
- Customers are ready to pay for better quality

Fail safe actuator solutions

Hosted by Rotork

Applications in critical process control often demand a high-speed fail safe or emergency shutdown (ESD) of valves operating in harsh operating conditions under certain circumstances (e.g loss of signal or power, changes in process parameters etc.) to ensure protection against possible harm to people, environment, equipment or the assets. Industry has long been accustomed to using pneumatic actuators for fail safe applications. Electrical actuators are generally not considered for these applications as they are considered to be only 'stay put'.
Are there other options available?
This workshop will focus on the various possibilities within electrically powered actuators which can be used to achieve reliable fail safe positions besides offering the possibilities of offering unrestricted modulations, low power solar panel driven, fully self-contained features etc.
The session will include practical demonstration of the options discussed.
At the end of the workshop we expect users to aware of options available to decide right solution for their process.

Handling valves after delivery: storage, transport, installation, etc

Hosted by Oswal Industries

Topics covered

Packing

- Once TPI/inspection authority clearS the dispatch of a valve it should be painted and packed as per customer requirement / company procedure.
- In general valves are packed in a wooden box / crate / wrapped by polythene (depends on size of valves).
- Ends should be covered by suitable material such as plastic disc, rubber pad or wooden pieces.
- Important that all valves are store in closed position and properly clean (free from water contamination) before packing.

Transportation :

- Proper care should be taken during shifting of packed valves from the production plant to the warehouse and for loading on trucks.
- Proper care should be taken that the packed valve is lifted safely & placed properly in a truck so that the valve is not damaged during transportation.
- Transportation marks like “Handle with care” & “↑ Side Up” should be painted on the wooden box or on crate so it is placed in that direction only.

Storage:

- During unloading from the truck at the warehouse, the valve should be unloaded and place properly under the roof. The storage area should be properly managed by authorized persons / experts.
- Valves should be placed in a covered shed to keep them free from dust & wet weather conditions.
- The storage place should be free from dust.
- Valve should be placed with the end covers protected.

Installation :

- Read the provided ‘Instruction and Operational manual’ carefully before starting installation.
- Before installation of valves, the end covers should be removed.
- Valves should be cleaned by compressed air.
- Body / bonnet joint stud / nut should be tightened again before commissioning because during testing of valves in pressure actually studs come under tension and during transportation and storage the stud releases the tension by elongation.
- Valves should be installed as per the as cast direction marked on it and guided in Catalogue / Instruction and operation manual.

Paint coatings for valves

Hosted by Prof. A.S.Khanna, Department of Metallurgical Engineering, IIT Bombay,
Chairman SSPC India

1. Introduction to Paint Coatings
   - Paint System
   - Surface Preparation
   - Application method
2. Requirements for Valves in Flow systems
   - Corrosion Protection
   - Wear and abrasion
   - Temperature requirement
3. Comparative Paint Systems
   - Generic Coating systems
   - Paints available commercially
4. Quality assurance of Valve Coatings
   - Thickness Control
   - Mechanical Properties
   - Wear & Abrasion

PRELMINARY WORKSHOP SCHEDULE

October 5

Room 1	Room 2	Room3
Paint coatings for valves	Electric actuators: settings, commissioning and maintenance including proper storage and handling	Ensuring and improving casting & forging quality
Electric actuators: settings, commissioning and maintenance including proper storage and handling	Handling valves after delivery: storage, transport, installation, etc	Fail safe actuator solutions
Paint coatings for valves	Fail safe actuator solutions	Ensuring and improving casting & forging quality

October 6

Room 1	Room 2	Room 3
Handling valves after deliver: storage, transport, installation, etc	Ensuring and improving casting & forging quality	Fail safe actuator solutions
Fail safe actuator solutions	Electric actuators: settings, commissioning and maintenance including proper storage and handling	Handling valves after delivery: storage, transport, installation, etc
Ensuring and improving casting & forging quality	Handling valves after delivery: storage, transport, installation, etc	Electric actuators: settings, commissioning and maintenance including proper storage and handling