

ALKALI MANUFACTURERS ASSOCIATION OF INDIA

SEMINAR ON

"AUTOMATION & CONTROLS TO OPTIMISE THE OPERATIONS AND SAFETY IN CHLOR-ALKALI INDUSTRY"

25th & 26th March 2019 (Monday & Tuesday) at Hotel Regenta, Bharuch, Gujarat

(Followed by Plant Visit to GFL Ltd., Dahej on 26.03.2019)

FINAL PROGRAMME

<u>DAY 1 (25.03.2019)</u>	
08:00 AM – 09:00 AM	REGISTRATION
09:00 AM – 10.30 AM	Inaugural Lamp Lighting & Welcome Address by Mr. Jayantibhai Patel, President AMAI <u>Session I: Automation & Controls to Optimise the Operations and Safety in Chlor-Alkali Plant</u> Chairperson: Mr. Jayantibhai Patel, President AMAI & CMD Meghmani Group, Ahmedabad - Operational parameters control features in typical chlor-alkali plant through Distributed Control System–<i>Mr. Elangovan S., Yokogawa India Ltd., Mumbai</i> - Electrolyser monitoring, safety and controls - <i>Mr. Sanjay Vyas, thyssenkrupp Industrial Solutions (India) Private Limited, Mumbai</i> - Bluestar and JOC Green+Smart Plant Technology in Chlor-Alkali Industry - <i>Mr. Xu Chunjiang (Thomas), Managing Director, JOC Technical Engineering Co.,Ltd. , China</i> Q & A and Discussions
10.30 AM – 11.00 AM	TEA/COFFEE BREAK
11.00 AM – 01.00 PM	<u>Session II : Improved Controls in Cell House and Brine Section through automation</u> Chairperson: Mr. B.S. Gilra, Formerly President Orient Paper Mills – CS Unit and Past President & Chairman Technical Committee AMAI , Bengaluru - Prevention of Incidents by Plant Data Analysis with AI & Big Data- <i>Dr. Helmut Lademann, R2 Canada</i> - Energy saving solutions and latest development in coatings technology enhancing safety & reducing downtime and the number of unplanned maintenance in Chlor-Alkali Plants - <i>Dr. Robert Scannell, Denora, Italy</i> - Better Control through online monitoring for "Ca-Mg in Brine", "OH-CO3 in Brine" and other applications - <i>Mr. Dayanand Kambli, Metrohm India Ltd. (Applikon), Navi Mumbai</i> - Improvements in Automation of Chlor Alkali Plant - Brine Plant, Caustic Evaporation Plant and HCL Plant – <i>TCCL Experiences & Case Studies - Mr. C.T. Pradeep, The Travancore-Cochin Chemicals Ltd., Kochi</i> Q & A and Discussions
01:00 PM - 02:00 PM	NETWORKING LUNCH
02:00 PM – 03:20 PM	<u>Session III: Safe Handling of Chlorine through automated tonner/truckers tracking systems installed by industry</u> Chairperson: Mr. Ravindra Sitani, Chief Technical Services Officer-Domestic Chlor Alkali, Grasim Industries Ltd., Vadodara - Fully Enclosed Negative Pressure System (FENPS) to control and divert sniff chlorine to chlorine neutralisation during chlorine cylinder filling - <i>Mr. Senthilkumar Velmurugan, Chemfab Alkalis Ltd., Puducherry</i> - Enabling Technology to improve safety and customer centricity– <i>Mr. Dinesh Chaubey, Grasim Industries Ltd., Nagda</i> - Initiatives on Chlorine tonner tracking system and automatic updating using RFID– <i>Mr. Vijay Kasliwal, DCM Shriram Ltd., Kota</i> Q & A and Discussions

03.20 PM – 03.40 PM	TEA/COFFEE BREAK
03.40 PM – 05:00 PM	<u>Session IV: Automation in Hydrogen, Hydrochloric Acid and Sodium Hypo Plants</u> Chairperson: Mr. Ashishbhai Soparkar, Managing Director, Meghmani Group, Ahmedabad, Gujarat
	- Completely Automated HCl Synthesis unit to minimize human intervention & ensure plant safety – <i>Mr. Ishwar N. Pardeshi, Graphite India Ltd., Nashik</i> - DCM Experience on Automation in Hydrogen Handling System to optimise and maximise Hydrogen Utilisation – <i>Mr. Pankaj Minare & Mr. Naresh Patel, DCM Shriram Ltd., Jhagadia</i> - Automation & Controls of Cl₂ monitoring in HYPO Stack & HCl monitoring in Furnace Stack in accordance with CPCB Guidelines in Chlor-Alkali Industry– <i>Mr. Kishor Kumar, OPSIS AB</i> Q & A and Discussions
05:00 PM - 06:00 PM	SPECIAL SESSION FOR SPONSORS & EXHIBITORS
07:30 PM	Dinner
<u>DAY 2 (26.03.2019)</u>	
09.00 AM – 11.00 AM	<u>Session V: Automation in Caustic Concentration & Flaking System and Boiler Operations</u> Chairperson: Mr. Devanand Jajoo, Vice President & Head (Chlor-alkali Plant), Reliance Industries Ltd., Dahej, Gujarat
	- Automation and Beyond- <i>Mr. Devkrishna Godhaniya and Mr. Vigneshwara Lingam, Chemical and Environmental Technologies, Mumbai</i> - Automated Hydrogen Burner Management System and Chlorine Filling & Tonner Management System – <i>Mr. V.K. Agrawal (assisted by Mr. Subhash Udiya), Techmission, Indore, MP</i> - Automation in High Pressure Boiler Systems - <i>Mr. Dipak Ranmode, ISGEC Heavy Engineering Ltd., Noida</i> - Burner Management System: Innovative Controls for Reduced Costs & Emissions- <i>Mr. Vipinkant Gupta, Siel Chemical Complex, Rajpura, Punjab</i> Q & A and Discussions
11:00 AM – 11:30 AM	TEA/COFFEE BREAK
11.30 AM – 01:00 PM	<u>Session VI: Technology Upgradation through improved Controls in Rectifier & Transformer Area and automation for efficient and safe operations in chlor-alkali industry</u> Chairperson: Mr. Vinay Mehta, Vice President & Works Head, DCM Shriram Ltd., Jhagadia, Gujarat
	- Improved Control of Rectifier for optimising chlor-alkali plant operations– <i>Mr. David He, Green Power Co. Ltd., China</i> - High Quality Non-Metallic Control Valves for safe and smooth operations – <i>Mr. Kazuaki Mizunuma, Asahi Yukizai, Japan</i> - Portable Analysers for Energy Conservation in chlor-alkali industry– <i>Mr. Chintan Tamakuwala, Nevco Engineers Pvt. Ltd., Surat, Gujarat</i> Q & A and Discussions
01.00 PM – 02.00 PM	VOTE OF THANKS AND END OF SEMINAR FOLLOWED BY NETWORKING LUNCH
02.30 PM – 06.00 PM	Plant Visit to GFL Ltd., Dahej, Gujarat

Parallel Exhibition will be organised in the adjacent hall for both the days. Exhibition will close at 2.30 pm on Day 2 (March 26, 2019)