



ALKALI MANUFACTURERS ASSOCIATION OF INDIA



सत्यमेव जयते
Department of Chemicals & Petrochemicals
Ministry of Chemicals & Fertilizers
Government of India

Conference & Exhibition on
New Developments in Chlor-alkali Industry
16th & 17th March 2023 (Thursday & Friday) | Hyatt Place, Vadodara, Gujarat

PROGRAMME

DAY 1 (16.03.2023)

08:30 AM – 09:30 AM REGISTRATION

09:30 AM – 09:50 AM

INAUGURAL SESSION

- Lamp Lighting
- **Welcome Address by Mr. Jayantibhai Patel, Past President AMAI**
- **Address by Chief Guest Shri Susanta Kumar Purohit, Joint Secretary, Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Government of India**

09:50 AM – 11:30 AM

Session I: Optimizing Operations through Electrolyzer Technology Improvements

Chairperson: Shri Susanta Kumar Purohit, Joint Secretary, Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India

- **Opening Remarks and Introduction of Speakers**
- Reducing Power Consumption in Chlor-alkali Plants – Mr. Patrick Child, Process Engineer, INEOS Electrochemical Solutions, UK
- Developments in Chlor-Alkali Technology – A Licensor Perspective – Mr. Amol Gaikwad, Dy. General Manager (Process), thyssenkrupp Industrial Solutions (India) Private Limited, Mumbai
- Chlor-alkali to Energy Transition – Synergies in Supply and Services from De Nora– Dr. Kai Etzel, Technical Sales, De Nora Electrode Technologies, Deutschland, Germany
- Chemours Nafion™ NE2060: A New Generation Chlor-alkali Membrane – Mr. Jayaprakash P.K. and Mr. Rakesh R.R., The Chemours India Pvt. Ltd., Mumbai
- **Q & A, summing up and concluding remarks**

11:30 AM – 12:05 PM NETWORKING TEA/COFFEE BREAK

12:05 PM – 01:50 PM

Session II: Brine Treatment Technology Developments & Advancements by Salt Manufacturers

Chairperson: Mr. Jayantibhai Patel, Past President AMAI

Co-Chair: Dr. Vishal Choudhary, Dy. Industrial Advisor, DCPC, Govt. of India

Opening Remarks and Introduction of Speakers

- New Age Technology employed at SBPL Salt Production – Mr. Mansukh Mavani, CEO, Satyesh Brinechem
- "INDION® Brine Softening Resin for Chlor-Alkali Industry"– Mr. Ajay Popat, President and Dr. N. Anbananthan, Executive Vice President, Ion Exchange India Ltd., Mumbai
- Brine quality improvement for membrane cells using novel Lewatit® chelating resins– Mr. Kedar Oke, Head Marketing/Sales and Technical, Indian Subcontinent, LANXESS India Private Limited, Thane, Maharashtra
- Impact of Iodine in Salt – A Case Study by Century Rayon Plant– Mr. Shailendra Tiwari, Asst. Vice President, Chemical Plant, Century Rayon, Thane, Maharashtra

- **Q & A, summing up and concluding remarks**

01.50 PM – 02.30 PM NETWORKING LUNCH

02.30 PM – 02:45 PM INTRODUCING EVENT PARTNERS

02:45 PM – 04.15 PM

Session III: New Developments for Effective Operations at Chlorine & Hydrogen Handling and Hydrochloric Acid Units

Chairperson: Mr. M. A. Hania, Chairman TSC AMAI and Sr. Vice President, Meghmani Finechem Ltd.

- **Opening Remarks and introduction of speakers**
- Recycling of Spent Sulfuric Acid from Chlorine drying – Mr. Vikram Bhatt, CEO, Bertrams (I) Pvt Ltd, Mumbai
- Implementation of RFID Based Chlorine Tonner Tracking System – Mr. R.V. Singh, Dy General Manager (Operations), Gujarat Alkalies & Chemicals Ltd., Dahej, Gujarat
- New Developments in Hydrochloric Acid Units - Mr. Ishwar N. Pardeshi, Head Projects & Technical Services, Graphite India Ltd., Nashik, Maharashtra
- **Q & A, summing up and concluding remarks**

04:15 PM – 04:45 PM NETWORKING TEA/COFFEE BREAK

04:45 PM – 05:45 PM PRESENTATIONS BY EVENT PARTNERS

07:30 PM onwards DINNER

DAY 2 (17.03.2023)

09.30 AM – 11.00 AM

Session IV: EPC Concept and Digitization for Enhanced Monitoring and Optimized O&M in Chlor-alkali Plants

Chairperson: Mr. P. N. Ojha, Executive Director, Kutch Chemical Industries Ltd.

- **Opening Remarks and introduction of speakers**
- EPC Concept: Benefitting Chlor-alkali industry – Mr. Arun Tyagi, General Manager (Marketing), NUBERG EPC, Noida, Uttar Pradesh
- How to Make Chlor-Alkali Plants Greener with Intelligent Safety, Operator Assistance and Maintenance Management Systems (Smart Cell Room)– Mr. Georges Simard, Managing Director, R2 Canada
- Digitization towards a sustainable approach for monitoring, operation, and maintenance – Mr. Mayank Shukla, Dy. General Manager, Grasim Industries Ltd. CTS
- **Q & A, summing up and concluding remarks**

11:00 AM– 11:45 AM NETWORKING TEA/COFFEE BREAK

11:45 AM - 01:45 PM

Session V: Best Practices, Testing Procedures and Advanced Material of Construction of Piping/Valves/Fittings/Structures for minimizing breakdowns in Chlor-alkali.

Chairperson: Mr. Vivek V. Bhide, President & Unit Head Grasim Industries Ltd., Vilayat

- **Opening Remarks and introduction of speakers**
- Corrosion-free GFRP Product Solutions for Chlor-Alkali Production Line for Highest Up-Time - Mr. Asis Kumar Biswas, Vice President (Business Development), EPP Composites Pvt. Ltd., Rajkot, Gujarat
- Design features of Bellow sealed valves for Chlor-Alkali Industry – Mr. Ashok Kumar, Director Technical & Operations, Bell-O-Seal Valves Private Limited, Udupi, Karnataka
- Innovations in NDT technologies and future applications on valves – Mr. Vincent Richer/Mr Gaetan Di Pietra, DESCOTE, France
- PVC-O Pipes: Transitional Developments in Material of Construction for Chlor-Alkali – Mr. Roshan U. Hamza, Marketing Manager (PVC-O Pipes Division), Chemfab Alkalis Ltd., Puducherry
- **Q & A, summing up and concluding remarks**

01.45 PM – 02.40 PM

NETWORKING LUNCH

02.40 PM – 04:00 PM

Session VI: Technologies to Reduce Solid Wastes, Effluents (ZLD)/Emissions, Shifting to Green Chemistry and Enhancing Use of Renewable Power

Chairperson: Mr. Devanand Jajoo, Vice Chairman TSC AMAI and Vice President & Head CA, RIL

- **Opening Remarks and introduction of speakers**
- Latest Developments in Sulphate Removal and Concentration System (SRCS) with Generation 3 Membranes and New Generation RO and NF Membranes for achieving Zero Liquid Discharge – Mr. Nithin Jose, Executive Director, SeptraTECH Solutions Pvt. Ltd., Vadodara, Gujarat
- 'SCALEBAN': A Sustainable technology for optimizing water conservation & ZLD – Mr. Praveen K. Raghuvanshi, Business Head, Scaleban Equipments Pvt Ltd, Indore, Maharashtra
- Reducing Carbon Footprint and Enhancing Use of Renewable Power at Meghmani Finechem Ltd. - Mr. Vivek Sharma, AGM (CPP), Meghmani Finechem Ltd., Dahej, Gujarat
- **Q & A, summing up and concluding remarks**

04:00 PM – 04.30 PM

**Vote of Thanks by Mr. Ajay Virmani, Vice President AMAI
End of Conference (followed by High Tea)**

Note: Concurrent Exhibition will be held at the Conference Venue on both the days. Exhibition will close at 5.00 PM on Day 2 (17 March 2023)