

5th Edition

SulGasTM

MUMBAI | 2023

1 - 3 February



South Asia's Only Conference on

Sulphur Recovery & Gas Treating

Organizer



***Three Ten Initiative Technologies LLP
Visakhapatnam, Andhra Pradesh, India
<https://the310i.com>***



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CONFERENCE SESSIONS

GENERAL OUTLINE

Experts Forum I

SPONSORS *Sponsors / Exhibitors Walkaround*

SESSION 1 *SRU-Instrumentation & Control*

SESSION 2 *Changing SRU Feeds - Impacts on Design*

SESSION 3 *Handling Sourwater - Design & Equipment Advances*

SPONSORS *Sponsors / Exhibitors Walkaround*

SESSION 4 *Fibre & Membrane Based Contactors*

Round Table Session

Experts Forum II

SPONSORS *Sponsors / Exhibitors Walkaround*

SESSION 5 *Advances in CO2 Capture Hardware*

SESSION 6 *SRU Hardware Improvements*

SESSION 7 *Protecting the Integrity of your SRU*

Round Table Session

SESSION 8 *Troubleshooting Treating & Dehydration Units*

SPONSORS *Sponsors / Exhibitors Walkaround*

SESSION 9 *Optimizing Hardware & Retrofits of Treating Units*

SESSION 10 *Lessons Learned - SRU Operations*

Round Table Session

CONFERENCE AGENDA



DAY I: 1 FEBRUARY 2023

- 8:00 AM** Registration Desk Opens
- 9:00 AM - 9:15 AM** **Organizer (Three Ten Initiative Technologies LLP) -**
Introductory Remarks & Safety Briefing
- 9:15 AM - 9:25 AM** **Title Sponsor (Ametek Process Instruments/Control Southeast Inc.) -** Welcoming & Opening Remarks
- 9:25 AM - 10:25 AM** **Experts' Forum**
Instrumentation Basics for Sulphur Recovery Units & Tail Gas Units - Jochen Geiger, Ametek Process Instruments
- 10:25 AM - 10:55 AM** **Sponsor/Exhibitor Walk Around**
- 10:55 AM - 12:15 PM** **Session 1 - SRU-Instrumentation & Control**
Enhanced Emission Monitoring Requirements from Sulphur Recovery Unit - David Inward. Sick AG
Improvement in Reliability & Availability of TGTU Feed & Incinerator Final Control Elements - Nirmalya Nandi, BPCL
How does Oxygen Enrichment Impact the Control of a Sulphur Recovery Unit? - Jochen Geiger, Ametek Process Instruments
- 12:15 PM - 1:15 PM** **SESSION 2: Changing SRU Feeds - Impacts on Design**
SO2: Boon or Bane for your Claus Unit? - Debopam Chaudhuri, Fluor
How the Switch to Processing Bio Feeds is Changing Sulfur Complexes? - Marco van Son, Comprimo
- 1:15 PM - 2:00 PM** **Lunch Break**
- 2:00 PM - 3:30 PM** **SESSION 3: Handling Sourwater - Design & Equipment Advances**
Management of Hydrocarbons in Sour Systems - Matt Thundiyil, Transcend
Sour Water Strippers - Reliable Tools Translate to Reliable Design - Harnoor Kaur, Optimized Gas Treating
Novel Approach for Processing of Ammonia-rich Sour Gases and Converting to Valuable Products - Saptarshi Paul, EIL
- 3:30 PM - 4:00 PM** **Sponsor/Exhibitor Walk Around**
- 4:00 PM - 5:00 PM** **SESSION 4: Fibre & Membrane Based Contactors**
Advancements in CO2 Membrane Separation Technologies: Reducing Emissions and Enabling CCUS - Tanzim Choudhury, SLB
Sulphur Reduction in Light Hydrocarbons: Using Innovative Hardware Solution - Saurabh Agarwala, EIL & Evergreen Technologies Ltd.
- 5:00 PM - 6:00 PM** **Round Table Session**
- 6:00 PM - 8:00 PM** **Reception & Cocktail Dinner**

CONFERENCE AGENDA



DAY II: 2 FEBRUARY 2023

8:30 AM Registration Desk Opens

9:10 AM - 10:10 AM **Experts' Forum - II**
Gas Processing Technologies in the Energy Transition - Rajiv Srinivasan, Shell India

10:10 AM - 10:40 AM **Sponsor/Exhibitor Walk Around**

10:40 AM - 11:40 AM **SESSION 5: Advances in CO2 Capture Hardware**
A new Structured packing Mellapak CC for CO2 Capture - Chandrakant Joshi, Sulzer
HP-HiGAS Technology – Compact Carbon Capture Technology - Vijaya Durga Kakara, HPCL

11:40 AM - 1:00 PM **SESSION 6: SRU Hardware Improvements**
ICOn Sulfur Degassing - Sean Mathew, Ametek Process Instruments & Control Southeast Inc
Revaluating Ammonia - Roelof ten Hooven, Duiker
When Yellow goes Green: Sustainability for Tail Gas Catalysts - Brian Visoli, Evonik

1:00 PM - 1:45 PM **Lunch Break**

1:45 PM - 2:45 PM **SESSION 7: Protecting the Integrity of your SRU -1**
An Easy Way to Monitor for Brick Falling and Revolutionary Method for Temperature Monitoring in Claus Units - Bob Poteet, WIKA
Thermoacoustic Model Analysis for Large Sulphur Reaction Furnace - Mason Lee, Aecomtric Corporation

2:45 PM - 3:15 PM **Sponsor/Exhibitor Walk Around**

3:15 PM - 4:05 PM **SESSION 7: Protecting the Integrity of your SRU -2**
 Tubesheet Protection Systems - Examining Impact of SRU Operation and WHB Plant Operation and Design and Reliability - Domenica Misale, Industrial Ceramics Limited & Nasato Consulting Ltd.
Simulation-based Analysis of Vapour Distribution and Liquid Recirculation in Kettle-type Waste Heat Boilers - Nasser Abukhdeir, Continuum Engineering Inc. & Nasato Consulting Ltd. & Sirindhorn International Insititute of Technology

4:05 PM - 5:05 PM **Round Table Session**

CONFERENCE AGENDA



DAY III: 3 FEBRUARY 2023

8:30 AM Registration Desk Opens

9:10 AM - 10:30 AM **SESSION 8: Troubleshooting Treating & Dehydration Units War Stories from the Foaming Front** - Benjamin Spooner, Amine Experts & Nexo Solutions
Can you Trust your Simulation Software for Troubleshooting? - Anand Govindarajan, Three Ten Initiative Technologies LLP
Troubleshooting heavy TEG losses from Gas Dehydration Unit - Sivaraj N, SLB

10:30 AM - 11:15 AM **Sponsor/Exhibitor Walk Around**

11:15 AM - 12:15 PM **SESSION 9: Optimizing Hardware & Retorfits of Treating Units**
Design Improvement of Trays and Schoepentoeter Inlet Devices in Amine Regenerator Columns -Mohd Firdaus Sabturanj, Petronas
Pushing Amine Scrubber Capacity Boundary - MEA Solvent Swap to OASE Yellow - Wai Choon Liong, BASF

12:15 PM - 1:00 PM **Lunch Break**

1:00 PM - 2:00 PM **SESSION 10: Lessons Learned - SRU Operations**
Common Failings of Claus and TGTU Based Sulfur Recovery Units - Dharmeshkumar Patel, Sulphur Recovery Engineering
Case Studies for Recently Commissioned Units - Harpreet Singh & Radhe Shyam, IOCL

2:00 PM - 3:00 PM **Round Table Session**

3:00 PM - 3:15 PM **Organizer (Three Ten Initiative Technologies LLP) - Closing Remarks & Adjournment**

CONTACT US

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