

ADVANCED Amine Treating and Sulphur Recovery Training Course

Who Should Attend?

This ADVANCED course is specifically aimed at those who already have prior training and / or experience (i.e. 2+ years) in Amine Treating and Sulphur Recovery, or those whose job duties require detailed knowledge in the topics covered (i.e. turnaround planners, subject matter experts, incident investigators, project managers, engineering managers, etc.) Below are actual comments made by a cross section of our basic course graduates indicating course applicability:

Unit Supervisor:

"I learned the '7 Sins of Sulphur Recovery' and we are committing all of them!!"

Process Engineer:

"I heard things where I went "a-ha". Now I understand better and can explain what I see in the plant. If I had taken this course earlier, our amine losses would be much less"

Board Operator:

"I learned how reheater temperatures can contribute to emissions and the consequences of not keeping the unit on cascade control."

Operations Engineer:

The process simulation exercise "was very valuable and would be an excellent tool to train operators on the cause and effects of process changes."

Control Engineer:

"I learned things that will allow us to experiment with a couple of different control strategies."

Project Engineer:

"This course will help us in the process selection and design of future developments of our sour gas fields in the Far East."

Environmental Engineer:

"The quiet room provides an excellent resource for getting plant specific questions answered. This course provides both industry contacts and ideas for improvements."

Operations Superintendent:

"25 years in Sulphur operations, and this is the first time I've understood several key technical topics."

Design Engineer:

"Direct and immediate benefit to my process design needs"

Manager:

"I very much enjoyed the course and can see some costs saving our plant can put to good use"

Why Amine / Sulphur Experts?

Amine Experts Inc. / Sulphur Experts Inc. is the world leader in sulphur recovery plant optimization. As implied by our name - we specialize in testing, troubleshooting and optimizing sulphur recovery and amine treating processes and have an enviable track record spanning over 35 years.

Amine Experts and Sulphur Experts engineers work on over 200 projects every year, with over 3500 projects to date in more than 60 countries around the world. This includes over 220 previous seminars over 40+ years attended by over 9000 personnel, plus hundreds of other on-site training courses attended by thousands more. Amine Experts / Sulphur Experts engineers have published more than 70 papers and have provided technical support to every major design company and major refinery and gas plant operator. No one has a wider variety of experience with Amine Treating and Sulphur Recovery plants worldwide.

Full information on this course, along with pricing information is available on our website at:

www.SulphurExperts.com



Speakers



Mike Sheilan



Gerald Bohme



Ben Spooner



Joe Brindle



Gerton Molenaar

Our speakers have been involved in delivering specialized training on this subject going back to the early 1980's and provide unmatched insight into all aspects of process design, facility operation, troubleshooting and optimization.

2019 ADVANCED Amine Treating and Sulphur Recovery Training Course

U.S.A. KEMAH, TEXAS
May 20 - 24, 2019

"Leaders in Optimizing Amine Treating and Sulphur Recovery Processes - Worldwide"

2019

ADVANCED Amine Treating and Sulphur Recovery Training Course

May 2019

Kemah Texas, USA



2019 Location

USA **Kemah, Texas**
May 20 - 24, 2019
South Shore Harbour Resort

Located on the water in Kemah Texas, approximately 50 km south of the George Bush Intercontinental Airport in Houston. Commercial shuttle bus service is available from Houston airports. Course fee does **NOT** include accommodation at the Hotel.

HOTEL

We strongly recommend that you stay at the designated hotel to get the most out of this course. Special rates have been arranged at these hotels and reservation instructions are included with the registration confirmation package.

For this course, participants are encouraged to arrive on the evening prior to the course to meet fellow participants and speakers and pick up course materials in advance.

MAXIMUM/MINIMUM ENROLMENT

Registrations will be accepted and acknowledged in the order in which they are received. These courses fill rapidly and are strictly limited to a maximum attendance to ensure registrants get the most out of the presentations and have ample opportunity to interact with each other and the speakers. Sulphur Experts reserves the right to cancel the course in the unlikely event that fewer than 25 registrations are received by the deadline.

EARLY BIRD : Register and pay before the specified date to receive an Early Bird Discount.

COLLEAGUE : If more than one person from your immediate Company is attending the same seminar the second and all subsequent colleagues are entitled to claim the lower registration fee.

Registration Details

Step by step procedure to ensure successful registration.

- Step 1** Visit our website and select "Training" at www.SulphurExperts.com. The website includes content details and registration information for all courses.
- Step 2** Select your desired course location and appropriate fee schedule.
- Step 3** Obtain management approval.
- Step 4** Enquire if any colleagues from your facility would like to take advantage of the reduced Colleague Fee.
- Step 5** Complete your on-line registration being careful to fill in all requested information.
- Step 6** Your registration is not confirmed until payment is received. Method of payment is by secure on-line credit card. We accept VISA , MasterCard , and AMEX.
- Step 7** If you cannot register on-line please contact us by e-mail.
- Step 8** Make international Visa and travel arrangements.

CONFIRMATION

You will be contacted by the Coordinator at several points during this process and will receive written confirmation by return e-mail once your registration is received. You will also receive full travel instructions well before course dates.

All enquires please contact:

Training Coordinator
Tel: +1 281 336 0848

e-mail: Seminars@SulphurExperts.com

Advanced Training Topics

SESSION I - Amine Treating

- Optimized Amine Plant Operation
- Modern Amine Plant Design and Control
- Key Performance Indicators - What Engineers and Operators should be routinely monitoring
- Plant Simulation - What a simulation tells that direct measurements can't

SESSION II - Amine Treating

- Most Common Problems - Root Cause Analysis and Prevention - Foaming, Corrosion, Fires, HSS, Meeting Specifications, etc.
- Turnup (Capacity Increase) and Turndown
- Turnaround Planning and Execution
- Startups and Shutdowns

SESSION III - Sulphur Recovery

- Optimized Claus Plant and TGU Operation
- Modern Claus Plant and TGU Design and Control
- Key Performance Indicators - What Engineers and Operators should be monitoring

SESSION IV - Sulphur Recovery

- SRU Safeguarding - Cause and Effect, Pressure Relief, Burner Management, etc.
- Most Common Incidents - Root Cause Analysis and Prevention - Plugging, Corrosion, Fires, Emission Increases, etc.
- Turnup (Capacity Increase) and Turndown

SESSION V - Sulphur Recovery

- Turnaround Planning and Execution
- Startups and Shutdown

Information

OBJECTIVE

To provide advanced and in-depth information regarding those Amine Treating and Sulphur Recovery topics which have either changed significantly over time, or which are not covered in sufficient detail in "Basics" or "Fundamentals" courses on these topics. These Advanced topics have been specifically chosen based on feedback from past seminar attendees, as well as requests from Sulphur / Amine Experts' clients. All topics have been designed to provide in depth practical information which will be immediately useful to the attendees upon their return to work.

FORMAT

All presentations will be conducted by Amine Experts / Sulphur Experts speakers with 15 to 35+ years of experience in their fields. Suitable time will be provided during each topic for question and answer sessions. Additional one-on-one question and consultations time with all of the speakers will also be available during course breaks, prior to and after the course each day, and in the evening hospitality "Quiet Room". The Quiet Room also provides an opportunity to meet other delegates and exchange operating experiences and ideas in a relaxed setting.

COURSE MATERIALS

Everyone will receive a comprehensive workbook that includes all slides used throughout the presentations. Additionally you will receive a set of industry recognized texts:

- **Amine Treating** by Sheilan and Spooner
- **Sulphur Recovery**, by Paskall and Sames
- **Capability of the Modified Claus Process**, by Paskall

All three texts are the result of extensive process research and optimization and testing of modified-Claus and Amine Treating plants throughout the world. These books are only available through this Advanced Amine Treating and Sulphur Recovery courses.

Fees & Discounts *See Webpage for Details*