www.SulphurExperts.com

Who Should Attend?

These are actual comments made by a cross section of 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 learned more in one week than I learned in the year I've been on the job. There will be direct and immediate benefits for our plant as my analytical correlations will be easier to make and explain."

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

Operations Engineer:
"Using Sulsim 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:
"I will recommend that we modify our package plant designs to incorporate more valves to facilitate sampling."

Manager:
"For the first time in my 16 years of being around the SRU I feel I really understand how to manage the plants."

Sulphur Experts

Sulphur Experts International Inc. has been providing solutions to sulphur plant problems for more than 30 years under the internationally recognized trade name - **Western Research.**

Sulphur Experts is the name for this independent process engineering company reflecting our sole focus on the sulphur plant. The company comprises the same engineers and technologists, products and services previously marketed through the process engineering department of Western Research.

Sulphur Experts engineers and scientists are well established as international authorities on Sulphur Recovery and have presented technical courses on the subject around the world.

The international "Western Research" Sulphur Recovery Training Course has been presented more than 180 times in locations around the world, from Budapest, Istanbul, Bernkastel, Dhahran and Amsterdam in Europe and the Middle East, to Singapore, Mumbai, Sydney, Houston, Los Angeles, and Kananaskis in the Americas, Asia and the Pacific.

In excess of 9000 engineers and operators and hundreds of sulphur plants have benefitted from the "Western Research" Sulphur Recovery Training Course.

Sulphur Experts has offices in: Barbados, Canada, U.S.A., and Europe, and representatives around the world.

Amine Treating Courses

Amine Experts, sister company to Sulphur Experts, also presents five day technical courses on Amine treating in the same locations immediately prior to the Sulphur Recovery Courses.

Filtration/Separation Courses

Filtration Experts now presents training courses on all aspects of separation technology.

Full Information is available on our website www.SulphurExperts.com and discounts are offered for attending additional courses.

Sulphur Experts International Inc.
Barbados Canada
USA Europe
web: www.SulphurExperts.com

Speakers

John Sames

Gerald Bohme

Bruce Klint

Jamie Swallow

Jan Kiebert

The "Western Research" Sulphur Recovery Technical Training Course, dealing with all aspects of the Modified-Claus process, is recognized globally as the premier training on this subject. The course is used extensively by operating, research, design, and construction companies in the sulphur recovery industry at all levels.

Sulphur Experts offers process engineering solutions to sulphur plant problems worldwide.

2012 SULPHUR RECOVERY TECHNICAL TRAINING COURSES

U.S.A.	—	**KEMAH, TEXAS** April 30 - May 4, 2012
CANADA	—	**KANANASKIS, ALBERTA** September 17 - 21, 2012
EUROPE	—	**BERNKASTEL, GERMANY** October 22 - 26, 2012
ASIA	—	**BANGKOK, THAILAND** November 26 - 30, 2012

Sulphur eXperts

"Leaders in Optimizing Sulphur Recovery Processes - Worldwide"

SULPHUR RECOVERY

2012

SULPHUR RECOVERY TECHNICAL TRAINING COURSES

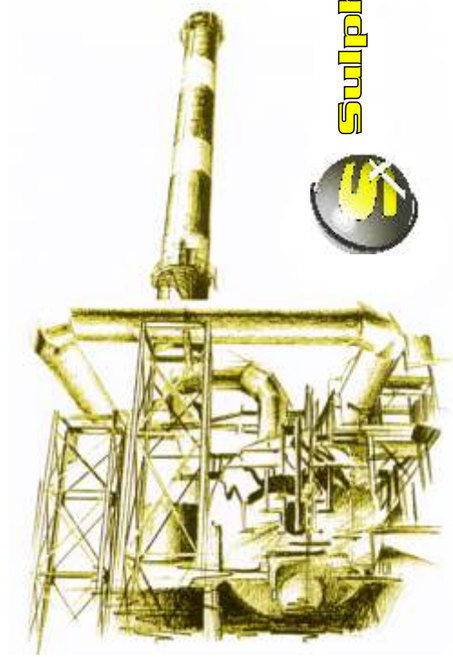
MAY
U.S.A. 2012

SEPTEMBER
CANADA 2012

OCTOBER
EUROPE 2012

NOVEMBER
ASIA 2012

Sulphur eXperts



PLEASE REGISTER ON-LINE www.SulphurExperts.com

2012 Locations

For pricing and specific details, refer to webpage.

Kemah, Texas, USA
April 30 - May 4, 2012

South Shore Harbour Resort & Conference Center

Commercial Shuttle bus is available from Houston airports. Fees do not include accommodation at Kemah.

Kananaskis, Alberta, Canada
September 17 - 21, 2012

DELTA HOTELS Lodge at Kananaskis

Commercial Shuttle bus is available from Calgary Int'l airport. Fees do not include accommodation at Kananaskis.

Bernkastel, Germany, Europe
October 22 - 26, 2012

HOTEL MOSELPARK

Special private shuttle bus is available from Frankfurt airport on Sunday evening and returning Friday afternoon. Registration fee INCLUDES accommodation at Bernkastel.

Bangkok, Thailand, Asia
November 26 - 30, 2012

Please visit our website for details on these locations.

Registration Details

Step by step procedure to ensure successful registration.

Step 1. Obtain approval to attend.

Step 2. Visit our web page at www.SulphurExperts.com and select Training. Full details on each course are included here and links to Amine Courses are also available.

Step 3. Select your desired course location and appropriate fee schedule.

Step 4. Complete your on-line registration being careful to fill in all requested information.

Step 5. 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 6. If you cannot register on-line please contact us by fax or e-mail.

Step 7. Enquire if any colleagues from your facility would like to take advantage of the reduced Colleague Fee.

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 or fax once your registration is received. You will also receive full travel instructions well before course dates.

HOTEL:
Do not contact the hotel yourself - you will confuse them! Please allow us to make your hotel arrangements. We have a block of rooms set aside for registrants. It is important that you stay at the designated hotel to get the most out of this course.

Sulphur Topics

SESSION I **PROCESS/THE UNITS**
- Basics of the Claus Process
- Reaction Furnace
- Reheaters & Catalytic Converters
- Sulphur Condensers

SESSION II **DESIGN / OPERATIONS**
- Upstream Operations (Amine)
- Design Considerations
- Temperature Measurement
- Degasification & Sulphur Forming
- Start-ups & Shutdowns
- Controlling the Process

SESSION III **TESTING / RECOVERY**
- Testing & Test Methods
- Case Studies
- A group function will be arranged to allow delegates to recover from the hectic pace of this schedule

SESSION IV **PROBLEM SOLVING / SIMULATION**
- Plant Optimization
- Problem Solving Using Sulphur Plant Simulator **Sulsim**®7

SESSION V **TAIL GAS**
- Tail Gas Clean-Up Process
- Oxygen Enrichment
- Energy Conservation
- Incineration

Fees & Discounts (See Web Page for Details)

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.

COMBINATION:
- If you are attending both Sulphur and Amine courses, a combination fee is applicable.

All enquires please contact: Training Coordinator
Tel: 1-403-215-8400
Fax: 1-403-215-8419
e-mail: seminars@sulphurexperts.com

Information

OBJECTIVE
To present the fundamentals of all aspects of sulphur recovery from process selection, through operation and plant optimization. The seminar will include hands-on problem solving using computer software. Attendees are encouraged to bring their own plant operating data.

FORMAT
Process basics are presented *first* to facilitate comprehension, given the wide and varied backgrounds of the attendees, and optimization and more complex concepts are presented *later*. Several prominent industry experts will present relevant applications, experience, and technology. Questions/comments are encouraged to keep the presentations relevant to attendees' concerns. Scheduled breaks and the evening "Quiet Room" concept, provide ample opportunity to discuss plant specific problems in detail, meet other delegates, exchange operating experiences, and in many cases make lifelong contacts.

CHECK IN/OUT
Participants are encouraged to arrive on the day prior to the course. In several locations a reception will be held between 17:00 and 19:00 in the hotel. This will give everyone an opportunity to meet each other and the speakers. The course materials will be distributed. The course finishes at 12:30 on the Friday.

SEMINAR MATERIALS
Everyone will receive a comprehensive workbook that includes all slides used throughout the presentations. Additionally you will receive a set of the two industry recognized SRU texts.
- ***Sulphur Recovery*, by Paskall and Sames,** and
- ***Capability of the Modified Claus Process*, by Paskall**

Both texts are the result of extensive process research and optimization and testing of modified-Claus plants throughout the world. These books are only available through these Sulphur courses.

MAXIMUM/MINIMUM ENROLLMENT
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.