

CRACKING FURNACES COURSE

February 12-16, 2024

Virtual Online (V-CFC)



Course content covered over five days with two 2-hour sessions each day: provides comprehensive coverage of ethylene plant cracking furnaces with special emphasis on process operation, control, and troubleshooting. The course provides an excellent opportunity to develop a working knowledge that can promote efficient, reliable, and trouble-free operation and a complete understanding of the process.

Easy to follow for those new to the industry and serves as a comprehensive refresher and update for experienced professionals involved in ethylene furnaces, manufacturing, and businesses. The course offered is practical and down-to-earth and for a wide range of job functions. The course material, layout, and coverage are based on the instructor's decades of experience.

Benefits of Course

- ✓ Understanding Cracking Process Technology
- ✓ Gain Insights into the Overall Performance, Cracking Yields
- ✓ Understanding Key Components and Performance Parameters
- ✓ Learn about Optimum Process Operation, Monitoring and Control
- ✓ Understanding Furnace Safety
- ✓ Help Achieve Reliable, Safe & Trouble-free Operation

Who Should Attend

- ✓ Furnace/process Engineers
- ✓ Operation Engineers
- ✓ Technical Services
- ✓ Production Supervisors, Engineers
- ✓ Mechanical Engineers
- ✓ Process Control
- ✓ Analysts, Buyers
- ✓ Optimization engineers

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Receive expert content: You will receive a digital pdf of course material that will serve as a reference for your future use.

The virtual course is presented in an engaging and participative format. The course will be conducted on an audio-video platform. All registrants will receive the access details closer to the course date. **Daily Schedule:** morning session from 7:00 to 9:00 AM and afternoon session from 10:00 AM to 12:00 PM – Central Standard Time (CST US).

Course Outline

Overview – Ethylene Manufacturing

Performance & Economic – Feedstock, Yields, Economics

Technology – Cracking Fundamentals

Key Furnace Components– Design, operation, process & environmental Performance

Operation & Process Control – Operating parameters and interdependencies, process control and handles for optimizing operation for improved performance and economics, decoke/start-up/shutdown/emergency operations

Process Safety – key aspects

Furnace Revamps & Troubleshooting

TRAINING

INHOUSE TRAINING

We offer a variety of onsite courses designed together with our clients to meet your specific needs. We can tailor our courses to a specific technology or purpose for your site.

COURSE INSTRUCTOR

The course is conducted by Sanjeev Kapur. He is a leading industry expert in ethylene and cracking furnace technologies. His expertise cover a vast background and hands-on experience in technology know-how, design, engineering, operation, troubleshooting and technical risk evaluation/mitigation. He has contributed a chapter on Ethylene Technology in McGraw Hill's "Handbook of Petrochemical Production Processes" and a section on Ethylene and Propylene for ENI Encyclopedia of Hydrocarbons. He has presented and published over 40 technical articles.

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INFORMATION

VIRTUAL ONLINE COURSE

The course is instructor-led and delivered virtually through the Zoom audio-visual platform.

FEES & DISCOUNTS

US\$ 2695 net is inclusive of training materials and a virtual engaging experience.

Register before January 26 and get a discount of US\$ 225 (Net \$2,470 pp).

For a group of 3 or more registrants from the same company, a discount of US\$ 200 per participant in addition to an early bird discount. (Net of \$2,270 pp before Jan. 26 & \$2,470 pp after Jan. 26)

TERMS & CONDITIONS

All our training courses are subject to final confirmation about 2-3 weeks before the date. Full payment is required before the event. Cancellations made on or before January 31 will be refunded in full less an admin fee of US\$ 300. Cancellations made after Jan. 31, 2024 cannot be refunded or credited. Substitutions are welcome anytime. Any partial refunds for discounts will be subjected to a fee charged by PayPal.

HOW TO REGISTER

Visit our website: You can pay using your credit card. Click the “Register Now” button. Select V-CFC

<http://www.apexpetroconsultants.com/ethylene-training.html>

Send us an email: For invoicing your company or P.O., send registration information (see next page)

Training@apexpetroconsultants.com

Call us:

+1 713 632 5012; or +1 281 451 8069

Organized and Presented by:

APEX PETROCONSULTANTS

414 MCALLISTER AVENUE, SUGAR LAND, TX 77479, USA

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REGISTRATION FORM – FOR INVOICING OR P.O.

Please type or use ink. Print information as you would like it on your record.

Last Name, _____ First Name _____

Middle Initial _____

Job Title _____

Company _____

Address _____

City _____

State/ Zip _____

Phone _____

email _____

and names of attendees from your company _____

Bill my company

P.O. or Check is enclosed (Payable to Apex PetroConsultants)

For billing your company, please provide the following billing information:

Contact Persons Full Name _____

Job Title _____

Company _____

Address _____

City _____

State/ Zip _____

Phone _____

email _____