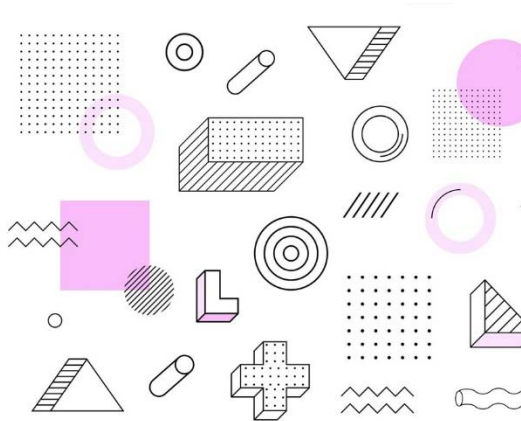


CRACKING FURNACES COURSE

March 1-5, 2021

Virtual Online



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 comprehensive refresher and update for experienced professionals involved in the ethylene furnaces, manufacturing and businesses. The course offered is practical and down-to-earth and for 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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Virtual Online



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. 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 8:30 to 10:30AM and afternoon session from 12:30 to 2:30PM – 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 delivered virtually through Zoom audio-visual platform

FEES & DISCOUNTS

US\$ 2645 inclusive of training materials and virtual engaging experience.

Register before January 25 and get a discount of US\$ 300.

For a group of 3 or more registrants from same company, a discount US\$ 250 per participant in addition to early bird discount.

TERMS & CONDITIONS

All our training courses are subject to final confirmation about 3 weeks prior to the date. Full payment is required prior to the event. Cancellations made on or before February 1 will be refunded in full less an admin fee of US\$ 250. Cancellations made after February 1, 2021 cannot be refunded or credited. Substitutions are welcome anytime.

HOW TO REGISTER

Visit our website: You can pay using your credit card. Click "Register Now" button.

<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

www.apexpetroconsultants.com

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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 following billing information:

Contact Persons Full Name _____

Job Title _____

Company _____

Address _____

City _____

State/ Zip _____

Phone _____

email _____