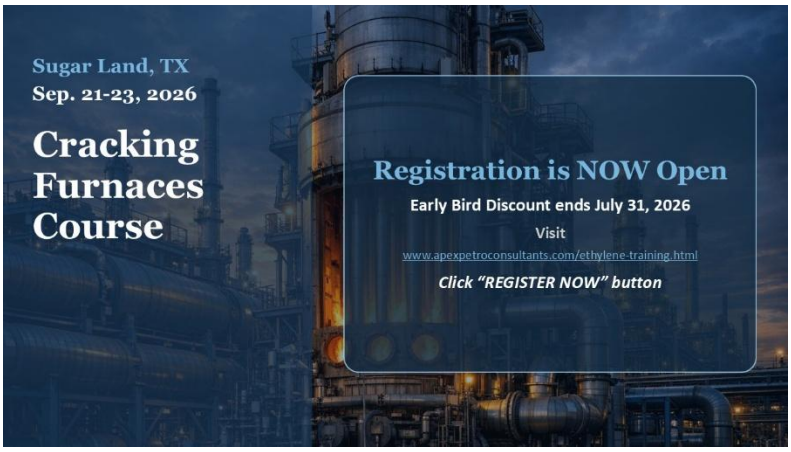
CRACKING FURNACES COURSE

September 21-23, 2026

Sugar Land, TX (I-CFC)



Course content covered over 3 days: This course offers in-depth coverage of ethylene plant cracking furnaces, emphasizing essential skills in process operation, control, and troubleshooting. It provides a valuable opportunity to acquire practical knowledge that empowers you to achieve efficient, reliable, and trouble-free operations while gaining a comprehensive understanding of the process.

Easy to follow: This course is the essential choice for newcomers eager to gain a strong foundation in the industry, as well as for seasoned professionals seeking to refresh and expand their expertise in ethylene furnaces, manufacturing, and related fields. Practical and accessible, it caters to a broad spectrum of job roles. Developed from the instructor's decades of hands-on experience, the

Benefits of Course

- ✓ Understanding Cracking Process Technology
- ✓ ✓ Gain Insights into 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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course offers invaluable insights that can directly enhance your skills and career.

Receive expert content: You will receive a digital PDF of course material to use as a reference in the future. The course is presented in an engaging and participative format.

Registration and breakfast: Start at 7:15 AM each day. The course runs daily from 8 AM to 5 PM. Breakfast, coffee breaks, and lunch are Included.

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 developed in collaboration with our clients to meet your specific needs. We can customize our courses for a specific technology or purpose at your site.

COURSE INSTRUCTOR

Sanjeev Kapur teaches the course with deep expertise in ethylene and cracking furnace technologies. As a respected industry expert, he offers a friendly, accessible teaching style. His extensive background spans technology, design, engineering, operations, troubleshooting, and risk assessment, making him an invaluable resource for learners. Sanjeev has also contributed a chapter on Ethylene Technology to McGraw Hill's "Handbook of Petrochemical Production Processes" and a section on Ethylene and Propylene to the ENI Encyclopedia of Hydrocarbons. Having authored and presented over 40 technical articles, he significantly enriches the educational experience.

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INFORMATION

COURSE LOCATION

Hilton Garden Inn
722 Bonaventure Way, Sugar Land, TX 77479
Phone: +1 281-491-7777

FEES & DISCOUNTS

US$2,945 net is inclusive of training materials and engaging experience.

Register before July 31 and get a US$175 discount (Net $2,770 pp).

For groups of three or more registrants from the same company, a US$175 per-participant discount is available in addition to the early-bird discount. (Net of $2,595 per person before July 31 and $2,770 per person after July 31)

TERMS & CONDITIONS

All training courses are officially confirmed approximately two to three weeks before the scheduled start date, and full payment must be received before the event begins to guarantee admission. If you need to cancel your registration, you will be entitled to a full refund, minus a US$350 administrative processing fee, provided the cancellation is made at least 30 days before the scheduled course date. Cancellations made fewer than 30 days before the course date are strictly non-refundable and non-creditable, though attendee substitutions are permitted at any time before the event begins at no additional charge. If a group or promotional discount is not claimed at the time of registration, the refund will include any applicable transaction fees, including PayPal processing fees, which will be deducted from the final refund amount. Finally, in the event of circumstances beyond reasonable control—such as severe weather, natural disasters, acts of God, or government restrictions—the right is reserved to reschedule the course. In these cases, registrations will automatically transfer to the new date, and all aforementioned cancellation and refund terms will remain in full effect.

HOW TO REGISTER

Visit our website to pay with your credit card. Click the “Register Now” button. Select I-CFC

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

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

Training@apexpetroconsultants.com

Call us:

+1 713 632 5012

Organized and presented by:

APEX PETROCONSULTANTS

414 MCALLISTER AVENUE, SUGAR LAND, TX 77479, USA
www.apexpetrconsultants.com

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REGISRATION 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_____