



2016 RECENT DEVELOPMENTS IN OIL REFINING TECHNOLOGIES

3-Day Public Workshop (5th -7th September)

(هتل بزرگ تهران - ۱۵ تا ۱۷ شهریور)

RECENT DEVELOPMENTS IN OIL REFINING TECHNOLOGIES

3-DAY

PURPOSE

To provide an up-to-date information on present and future trends processes of oil refining (focused on middle distillates and heavy cuts).

AUDIENCE

Engineers, process or technical staff interested in recent developments in oil refining technologies.

LEARNING OBJECTIVES

- To get a broad vision of future from technical, safety and environmental constraints for the heavy cuts in the refining industry.
- To deepen knowledge of recent developments in the heavy cuts of the oil refining processes.
- To learn how the latest breakthroughs can help meet the new challenges.



REFINERY PRODUCTS AND PROCESS EVOLUTION OUTLOOK FOR 2020

Recent trends and new constraints reshaping the environment of the refining activity on various regions around the world.
Quality requirements and desulfurization.
New and future regulations concerning emissions: SO_x, CO₂, NO_x, COV's.
Evolution of the refining process flow diagram: hydrogen addition or carbon removal, trends to petrochemical tendencies.

FCC: MORE PROPYLENE OR MORE LCO

Feed injection and temperature control of the mixture.
Riser termination devices and catalyst separation. Post riser quench.
Stripping technology.
Regeneration and catalyst coolers.
Propylene yield enhancement.
Reduction of SO_x and NO_x emissions.

GASOLINE AND SULFUR REDUCTION STRATEGIES

Sulfur distribution in FCC gasoline and selective HDS.
Alternate sources of gasoline:

- Light olefins oligomerization
- New trends in alkylation.

ULTRA - LOW SULFUR DIESEL PRODUCTION AND VGO DEEP HYDROTREATMENT


New generation catalysts and their performance.
Diesel hydro treater units: investigation of new and existing means of achieving ULSD.
FCC feed pretreatment.

HYDROCRACKING FOR VACUUM DISTILLATES AND RESIDUES

High pressure hydrocracking, mild hydrocracking.
Recent technologies: catalysts, energy recovery, fractionation.
Various technologies available: fixed bed, ebullient bed, moving bed.

THERMAL CONVERSION OF RESIDUES

Renewal of an old process: delayed coker and residue destruction.
Purification of the products and hydrogen consumption.
Integration into the framework of crude upgrading.

Language	Location	Date	Fee (Rials)	Registration Contacts
	Tehran	Sep 5-7 ۱۷-۱۵ شهریور	39,500,000	Mahboubeh Jafarkhani محبوبه جعفرخانی

- محل برگزاری دوره هتل بزرگ تهران (تقاطع ولی عصر - مطهری) می باشد.
- مهلت ثبت نام تا ۳۰ مرداد می باشد.
- حداکثر ظرفیت تعداد شرکت کنندگان ۲۷ نفر می باشد.
- اطلاعات تماس: