

Crude Oil Selection

The course is focused on the crude oil selection process and its impact on refinery processing and quality of finished products. It provides the practical guidance on building, interpretation and significance of the crude basket, crude oil assay generation and interpretation, yields, economics, crude blending, compatibility, stability, environmental impact and post-evaluation process. Additionally the course gives the perspective of how crude oil quality impacts the refinery assets and refining processes. Case studies are used to illustrate the importance of each aspect of the crude selection process.

You will learn:

- Understanding the complexity and the impact of a crude selection on refining process and quality of finished products
- Ability to generate and interpret the Crude Oil Assay
- Ability to build the crude basket
- Understanding the principles of crude blending and crude compatibility
- Understanding how to manage crude contaminants and role of additives
- Performing the evaluation of crude processing – technology and economy aspect
- Performing the process simulation and simplified unit capacity calculation
- Understanding the environmental concerns of crude oil processing
- Understanding the crude oil processing impact on the quality of the finished products

This course for:

- Chemical Engineer
- Petroleum Engineer
- Sales personnel with a chemical and petrochemical portfolio

- Market Analysts
- Business development

- Laboratory supervisors and technical personnel

Course Duration:

5 Days