



IZZI Business Services

Training Course on Refinery Planning and Optimization (3 Days)

Participants

- New members to planning team
- Scheduling team
- Business decision maker
- Crude traders
- Performance mgmt.

Objective

A comprehensive training that covers refinery planning overview and its significance. It will empower the trainee for planning and optimization key concepts such as crude basket optimization, optimizing unit throughput and operating conditions as well as product blending with the objective to maximize the Gross Refinery Margin (GRM).

Pre-requisite

- Individual who have basic knowledge of refinery configuration and operations.

Agenda

- Fundamentals of linear programming
- Refinery planning process overview
- Crude assay data management
- Insight to planning processes
 - Long term / strategic plan
 - Annual / budgetary plans
 - Monthly / weekly operating plans
 - Special case studies
- Planning model - best practices
- Process submodel building - best practices
- Multi-period & multi-site planning model
- Planning model update - best practices
- Back casting using LP
- Crude indifference value analysis
- Key planning software