



Flexicoker/Flexsorb Process Technology

Potential PDH: 8

Description:

This course provides an overview of Flexicoking and Flexsorb technology as they apply to crude oil upgrading and gas treatment within an Amine plant.

Outline:

1. Flexicoker: High level operation overview (4-hour training)
 - Crude oil characteristics vs petroleum product demand pattern
 - Upgrading heavy fractions of crude oil – basic principles
 - FLEXICOKING as a carbon rejection upgrading process
 - FLEXICOKING fit in the Petro Peru Talara refinery flow scheme
 - Flow scheme of a FLEXICOKING unit
 - Chemicals used in a FLEXICOKING unit
2. Flexsorb Technology: (4-hour training)
 - Introduction
 - Basic Gas Treating
 - Amine Plant Basics
 - FLEXSORB SE
 - Summary

Who Should Attend:

Engineers who work in Upgrading or Amine Treatment.

Subject Matter Expert (SME):

Glen Phillips, Process Engineer, has over 40 years of international and domestic experience in process engineering, commissioning, and construction of heavy oil upgrading, particularly coking. His experience spans all aspects, from early project planning through detailed engineering and startup, operations, and troubleshooting.

Sam Lordo, Refinery Desalting and Corrosion Expert Sam Lordo is a recognized industry expert and has over 40 years' experience in refinery process chemistry/chemical treatments, opportunity crude processing and crude desalting. During his 40 years of corrosion / refining / petrochemical experience, he has been involved in all aspects of managing risk due changing crude slates and process conditions;

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including corrosion prevention, fouling prevention and control, failure analysis, and crude desalting.

