

Production Surface Facilities

COURSE DESCRIPTION

This course will introduce the design principles of surface production facilities that process hydrocarbons (oil and gas). Concepts related to the oil and gas separation processes are introduced along with the basis for design and their working mechanism. The participant will be able to perform all engineering calculations to design a surface production facility based on the production forecast.

DISCIPLINE

Production &
Operations

COURSE DURATION

5 Days

DELIVERY METHOD

In-house

COURSE CONTENTS

- Production fluid properties
- Two-phase oil and gas separation
- Three-phase, oil, water and gas separation
- Crude oil treating equipment design
- Produced water treating facilities design
- Produced gas composition and treating systems
- Acid gas sweetening processes and equipment design
- Gas dehydration methods and design

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