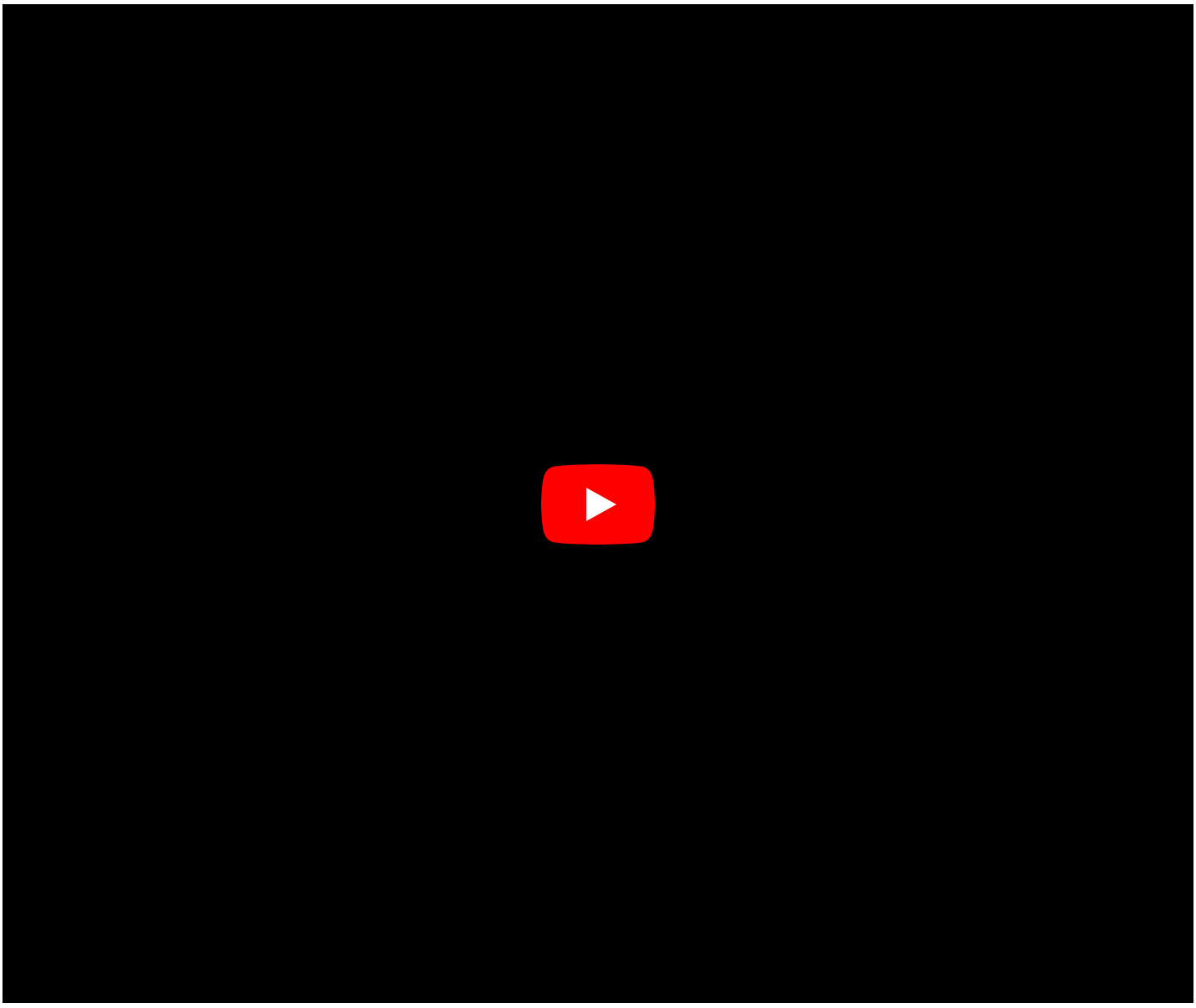
Oil Gathering Systems Fundamentals

MODULE

About the Skill Module

This module describes typical oil gathering system configurations from the wellhead to the central processing facility - onshore and offshore, including well test satellites, piping arrangements, and multiphase flow fundamentals. Also, the Beggs and Brill correlation is utilized to gathering system line sizing, estimate the hydrodynamic slug size using the Scott correlation, and apply the Flannigan correlation to determine the liquid hold up in an oil gathering line.



See example online learning module

Target Audience

Process/facilities engineers and senior operating personnel involved with the design and operation of oil and produced water processing facilities.

You Will Learn

You will learn how to:

- Describe typical oil gathering system configurations from the wellhead to the central processing facility – onshore and offshore
- Outline typical wellhead piping arrangements – onshore and offshore
- Explain the purpose and operation of a typical well test satellite, and example configurations and components
- Discuss multiphase flow fundamentals, basic flowline sizing methods, and operational issues

Product Details

Categories: Midstream

Disciplines: Process Facilities

Levels: Foundation

Product Type: Individual Skill Module

Format: On-Demand

Duration: 2.25 hours (approx.)

$795.00