



Instrumentation Selection for Oil and Gas Applications (General)

MODULE

About the Skill Module

This skill module introduces the learner to the field of instrumentation and control in the oil and gas industry.

[See demo online learning module](#)

Target Audience

Facilities and Project Engineers as well as newly graduated Electrical, Controls and Instrument Engineers (0-5 years) with a need to improve basic understanding of instrumentation and control systems within oil and gas facilities.

You Will Learn

You will learn how to:

- Identify fluid properties as they relate to instruments selection in the oil and gas industry.
- Describe the material selection criteria in instrument selection.
- Gain guidance on some of the material compatibility requirements within the industry
- Discuss the operation of switches, relays and solenoids
- Describe the basic principles underlying the 4-20 mA instrument signal control loop
- Describe typical instrumentation documentation
- Describe the three main types of instrument connections

Product Details

Categories: [Upstream](#)

Disciplines: [Instrumentation, Controls & Electrical](#)

Levels: [Basic](#)

Product Type: Individual Skill Module

Format: On-Demand

Duration: 5 hours (approx.)

\$395.00