



Control Systems for Oil and Gas Applications (Part 2)

MODULE

About the Skill Module

This skill module provides an overview of safety instrumented systems and their applications in the oil and gas facilities. The focus is to understand terminology, concepts, and common pitfalls in order to improve communication with electrical and I&C professionals.

[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

Participants will learn how to:

- Explain Safety Instrumented System (SIS) and their uses
- Recognize the importance of identifying risks and hazards, and conducting assessments and analysis to address them
- Differentiate between BPCS and SIS
- Recognize the importance of SIL 1 to SIL 4 classifications
- Describe the SIS lifecycle
- Identify the need for product and application diagnostics
- Define management of change (MoC)
- Identify the need for a safety requirement specification
- Identify the purpose of an uninterruptible power supply (UPS)

Product Details

Categories: [Upstream](#)

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

Levels: [Basic](#)

Product Type: Individual Skill Module

Format: On-Demand

Duration: 4 hours (approx.)

\$395.00