

Functional Safety for I&E Technicians

ONLINE Learning Path

This online self-paced learning path is aimed at process industry onshore and offshore major accident hazard sites. It is ideal for Instrument Technicians, Maintenance and Operations personnel to get to know their responsibilities in sustaining Safety Integrity for the long term.

COURSE CODE
eLP004

All learners get access to the course via our secure member area which tracks their course progress over extended periods of learning from work or home.

LEARNING OUTCOMES

At the end of this course, learners will be able to:

- Outline the IEC 61511 safety lifecycle from hazard and risk assessment, through to final decommissioning;
- Explain the principal of SIL and how this impacts process hazard risk reduction;
- Describe an SIS, and refer to the standards and regulations which drive SIS requirements;
- Explain the main operation and maintenance requirements of IEC 61511 for sustaining SIL;
- Detail typical SIF inspection and proof test methods for different instruments and final elements;
- Provide an overview of why failure, trip and demand records are important for future risk assessments.

“ I have previously done Functional Safety Awareness courses but the knowledge learned in this course far surpassed what I have learned in the past.
Trevor P. - Trainee Control Systems Engineer

FEATURES

- 24/7 learning access to the online course for 12 months
- Optional course notebook or PDF download
- Human-narrated lessons
- Interactive quizzes
- Self-assessment multiple choice questions
- Downloadable certificate of completion

