

**Objectives**

To enable ProSafe-SLS maintenance engineers to understand the principles of ProSafe-SLS, to operate and perform first-line maintenance on ProSafe-SLS systems. A predefined ProSafe-SLS High Integrity (Pressure) Protection [HI(P)PS] training system will be used to give participants an opportunity for hands-on experience and troubleshooting on a physical ProSafe-SLS system. Exercise problems will be created and participants will learn how to diagnose and resolve these situations.

Who should attend?

Process maintenance and technical support personnel. Also project managers, engineers or other staff involved with ProSafe-SLS who wish to gain some technical exposure to the product and its use in a typical application.

Prerequisite knowledge

Participants will require a working knowledge of computers and MS-Windows. It would also be beneficial to have knowledge of electronics and Boolean logic.

Programme**Day 1:**

- § Welcome and course introduction
- § ProSafe-SLS Hardware
- § Explanation of a basic HIP(P)S in relation to ProSafe-SLS
- § Exercise: ProSafe-SLS hardware familiarisation
- § Introduction to first-line maintenance
- § Exercises: hands-on with ProSafe-SLS
- § Troubleshooting IO failures
- § Troubleshooting hardware failures
- § Evaluation

Duration

1 day