

# S4C+

## Electrical Maintenance

### Course Outline

Duration 4 days

Beneficial to Supervisors, Team Leaders, and Service Personnel

Students attending should be employed by their companies as maintenance technicians with electrical bias or hold relevant electrical qualifications. PC Knowledge and file handling would be useful. Previous attendance of the S4 Programming & Operation course or the S4 Operator course is strongly recommended. The course objectives are unlikely to be met if students do not fulfil these requirements

### Subject areas

#### Safety Instructions

Emergency stops

Enabling device

Cell interlocking and modes of operation

Brake release and Pinch points

Program reset and Collision awareness

#### System Description

Robot and external mechanical units

Control system and Operators panel

FlexPendant

#### Objectives

On completion, participants will be able to perform:

- Safe robot operation
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- Backup and Restore system information