

S4 Operator

Course Outline

Duration 2 days

Beneficial to programmers, operators and maintenance staff

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
TeachPendant overview
Start up and Shut down procedures

Program Operation

Starting, stopping and stepwise program operation
Program Test and Production windows
Teach, Test and Production, operating modes
Override speeds
Continuous & Cycle running modes
The Program pointer, Cursor and 'Special' menu

Jogging the robot using the joystick

Axis and Linear jogging
Tool Re-Orientation
Coordinate systems
Jog speed and incremental positioning

Event messages and logs

Error identification
Recovery

Positional Instructions

Move Joint and Linear and Circular
Data overview, position, speed, zone, tool and workobject.
Changing the program
Modifying positions

Storing the program on disc

'Backup' the program to floppy disk

Objectives

On completion, participants will be able to perform:

- Safe robot operation
- Navigate the TeachPendant windows
- Execute program
- Jog the robot
- Identify positional instructions
- Modify program positions
- Save program changes to floppy disk