Course Outline
Duration 2 days
Beneficial to programmers, operators and maintenance staff
Completion of the S4 Programming & Operation for Mag welding course

Subject areas
Safety Instructions
Safe working practices when operating welding robots

Coordination Theory
Overview of coordinated motion
Rotational Baseframes and work objects

Jogging
Robot
External axis

Calibration
Tool Data Definition BullsEye or manual calibration method
External axis base frame definition
Work Object definition and activation

Programming Practice
Coordinated pipe fillet weld
Edit weld parameters
Modify programmed positions

Objectives
On completion, participants will be able to perform:
- Safe robot operation
- Program the S4 Robot to coordinate with an orbit positioner