Robotics

UK R558
IRC5
MultiMove

Course Outline
Duration 2 days
Beneficial to programmers, operators and maintenance staff
Students must have attended the IRC5 Programming and Operation Course or have an extensive working knowledge of the topics covered

Subject areas

MultiMove Concepts
Independent and Semi-Independent Motion
Synchronised and Synchronised Coordinated Motion

MultiMove System Installation
Hardware
Cable connections
Build a system and download with RobotStudio Online
Base Frame Calibration

Jog the robot using the joystick
Coordinated Jogging
Individual robot jogging

Program Operation
Operate synchronised programs
Independent execution of Rapid Tasks
Program reset

RAPID Program Instructions
WaitSyncTask
SyncMoveOn and SyncMoveOff
SyncMoveUndo and IsSyncMoveOn
MoveExtJ

RAPID Program Data
Work objects, Task, Syncident

Pramming practice
Independent / Semi independent
Synchronised
Sychronised Coordianted

Objectives
On completion, participants will be able to perform:

☑ Safe robot operation
☑ Build and install a multimove robot operating system
☑ Calibrate robot base frame postions
☑ Independent and coordinated programming

For further information please contact the Training department
Email: robotics.training@gb.abb.com
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