iQ-R PLC Maintenance (Simple Mode)

Address / Contact:

Description	This training course is part of a learning pathway designed to equip you with the knowledge and skills to successfully work the iQ-R range of programmable logic controllers or PLC's. This course offers training designed to help participants swiftly assess the status of a PLC that is reported as 'failed' and to identify whether the 'failure' stems from internal or external factors. It includes procedures for diagnosing why a PLC has ceased functioning, whether it is due to a missing critical signal or a genuine fault. Participants will also learn the technique for rewriting the PLC program, along with a process for implementing minor adjustments when urgent solutions are required. This course uses the Simple mode of program creation.
Course target	By the end of the course, delegates should be competent in the following disciplines and demonstrate skills including: • Verifying the PLC is correctly assembled and connections are sound • Using the module indicators to confirm the PLC status • Confirming inputs are fully operational • Using the programming tool to check the behaviour of the program • Using the programming tool to restore the program in the PLC • Swapping a blown input or output for a spare • Checking the existence of CPU errors • Checking outputs are fully operational
Target group	This professional development experience has been designed for those who are involved on a day to day basis with maintaining control systems based around iQ-R PLC.
Agenda	Over a 1 day period delegates will cover the following modules and topics: • Correct handling of modules and assembly of PLC • Understanding connections • Fault finding step-by-step • Status Indicators explained • Making measurements at inputs • Starting the programming tool • Finding problems in the program • Monitoring the program • Re-writing the program to the PLC • Swapping a blown input or output • Checking errors • Checking outputs • Routine maintenance

Duration	1 Day
Products and software	PLC, Software
Article number	743358
Participant fee	600.00 GBP