15.01.2026 - 15.01.2026

Q PLC Maintenance

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 Q range of programmable logic controllers or PLC's. This course blends knowledge transfer and classroom practials to provide participants with an understanding of Programmable Logic Controllers (PLCs) and their operational mechanics. You will learn how to effectively diagnose and troubleshoot various issues that may arise in PLC systems. The course emphasizes both hardware and software diagnostic techniques, ensuring that you can identify the root causes of faults quickly and accurately. Participants will explore common fault scenarios and gain practical experience in using diagnostic tools and software to analyze and resolve these issues. By the end of the course, you will have developed a robust skill set that not only enhances your technical expertise but also prepares you to tackle real-world challenges in PLC operation and maintenance.
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 the Q 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	743378
Participant fee	600.00 GBP