

## SIEMENS SIMATIC S7 TROUBLESHOOTING

### COURSE SPECIFICATIONS

**Course Code:** ST-7TROUBLE

**Course Length:** 3 Days

### PRE-REQUISITES

Delegates had to complete the ST-PLCINTRO course successfully and must be involved in PLC maintenance and troubleshooting.

### COURSE OBJECTIVES

This course is directed at users and maintenance personnel of SIMATIC S7 programmable controllers. This is a hands-on course teaching the delegate to do troubleshooting in the plant, using the S7 PLC.

### LEARNING OUTLINE

1. Introduction to Generic PLC Theory
2. The SIMATIC S7 System Family
3. The SIMATIC Manager
4. Hardware Configuration
5. Hardware Commissioning
6. Block Architecture and Editor
7. Binary Operations
8. Digital Operations
9. The Motor Control Centre (MCC)

### CERTIFICATION

Successful participants will receive an **international Siemens certificate**. Siemens LTD is accredited by **merSETA** to fulfil the functions as contemplated in SAQA regulation 13 for the standards and qualification as detailed in the statement of accreditation.

### MERSETA TRAINING PROVIDER

Onetrust Training Solutions has received full accreditation as a **merSETA Training Provider**. (Certification number: 17-QA/ACC/2313/21.) We are in the process of extending our scope of accreditation for most of our individual training courses and skills programmes.

### CONTACT DETAILS

Further enquiries may be directed to:

**ONETRUST TRAINING SOLUTIONS (PTY) LTD**

Vanderbijlpark | South Africa

**Tel:** +27 16 982 1651

**Cell:** +27 83 565 0915

**Email:** [admin@otts.co.za](mailto:admin@otts.co.za)