

840D Powerline Service Course (NC-84PL-SK)

Short Description

This course is aimed at Maintenance and Service Engineers who wish to combine the theoretical aspects of training with a 'hands on' practical approach at a more generalised level. The training rig is specifically designed to enable realistic and practical fault diagnosis. The course covers both the Sinumerik 810D or 840D controls.

Objectives

On completion of the course the student will be able to:-

- Identification of hardware components
- Basic operation of the system
- Creation of a simple Part Program
- Save and reload the NC using series startup files
- Save and reload the PLC using both series start-up files and Step7
- Backing up the hard disk using Norton Ghost
- Basic Step7 functions
- Identification of NC/PLC interface signals
- Machine Data
- Drive configuration
- Identify drive and encoder faults
- Fault diagnosis

Content

- 800D Hardware
- Operating areas
- Basic NC programming
- NC and PLC back up & reload procedures
- Hard disk backup using Norton Ghost
- Introduction to the S7 PLC
- NC/PLC interface signals
- Machine data
- Drive configuration

Prerequisites

A basic knowledge of CNC machines. Attendance on the ST-SERV1 course would be beneficial. Basic PC literacy, keyboard and mouse skills

Type

Face-to-face training

Duration

5 days

Language

en

Fee

2,720 GBP