

SIEMENS SINAMICS G120 - PARAMETERIZING & COMMISSIONING

COURSE SPECIFICATIONS

Course Code: DR-G12-PM

Course Length: 5 Days

TARGET AUDIENCE

Commissioning engineers, configuring engineers, service personnel and maintenance personnel.

PRE-REQUISITES

Completion of SD-DRV-FUN course.

COURSE OBJECTIVES

SINAMICS G120 allows the variable-speed operation of induction motors to drive pumps, fans, conveyor systems and many other machines. This course shows you how to handle the SINAMICS G120 inverter.

After the course you can correctly wire Inputs and Outputs, commission the inverter, do problem solving, and adapt it to address the particular application. You will learn about suitable inverter functions and parameter settings for a wide range of applications. You will make a data backup, and take the appropriate measures when faults occur.

LEARNING OUTLINE

1. Wire Inputs and Outputs According to Schematic Diagram (Control Switches, Relays and Light Indicators)
2. Design and Principle of Operation of the SINAMICS G120 Inverter
3. Control Unit CU
4. Power Module PM
5. Parameterization, Data Backup and Diagnostics
6. BOP-2 and IOP Operator Panels
7. STARTER PC Tool
8. Setpoint Channel and Closed-Loop Control
9. Control Signals and Signal Interconnections
10. Inverter Functions
11. Practical Exercises Using the Training Device
12. SINAMICS CU240E-2 PN with PM 240 FS A
13. SIMOTICS Induction Motor

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:

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