

SIEMENS SINAMICS G150 / G130 / S150 – DIAGNOSTICS & SERVICE

COURSE SPECIFICATIONS

Course Code: DR-G15-DG

Course Length: 5 Days

PRE-REQUISITES

Completion of SD-DRV-FUN course.

COURSE OBJECTIVES

This course provides you with the technical knowledge required for commissioning and service activities at SINAMICS chassis and cabinet units G130, G150, and S150. Practical exercises to replace spare parts and do trouble shooting are an important part of this course.

After the course you know how to commission and optimize the drive, how to replace spare parts and diagnose the drive using the AOP30 operator panel and STARTER tool.

Due to the well trained handling, you can reduce down-times and minimize production losses. An introduction to PROFIBUS communication is also provided.

TARGET AUDIENCE

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

LEARNING OUTLINE

1. Drive system structure and documentation/service overview
2. Commissioning, servicing, and diagnosis with AOP30 and the STARTER tool
3. Hardware functions, circuit diagrams, and function diagrams
4. Software functions and controller optimization
5. Setup, electrical connection, EMC
6. Replacing SINAMICS G150/G130/S150 chassis/cabinet unit components
7. Practical exercises for fault diagnosis

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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