

## SINAMICS G150 / G130 / S150 – Diagnostics and Service (DR-G15-DG)

### Short Description

DR-G15-DG - Old Course Code - DR-SNG-EXP

### 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 Group

Commissioning engineers, configuring engineers  
Service personnel  
Maintenance personnel

### Content

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

### Prerequisites

Completion of SD-DRV-FUN course

### Type

Face-to-face training

### Duration

5 days

### Language

en

### Fee

24,474 ZAR