

The Siemens logo is displayed in a bold, teal, sans-serif font.

Ingenuity for life

Course Details

Drive Technology

[siemens.com.my/SIRT](https://www.siemens.com.my/SIRT)

**SINAMICS G120 Parameterizing & Commissioning
(DR-G12-PM) 3 days**

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HRDF
CLAIMABLE
SBL Scheme

Requirements

SINAMICS G120 allow 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.

Description / Objectives

After the course you are able to correctly commission the inverter and adapt it to address the particular application. You know suitable inverter functions and parameter settings for a wide range of applications. You can make a data backup, and taking the appropriate measures when faults occur.

On completion of the course, you will be able to implement automation solutions with the SINAMICS G120. You can carry out startup and optimization of the SINAMICS G120 quickly and effectively with skillful use of the STARTER commissioning tool. In this way, you reduce engineering costs and minimize downtimes in your plant.

Content

- Commission the basic G120/ G150 controller
- Parameterization with the STARTER commissioning tool
- Analogue and digital I/O configuring
- Design of the SINAMICS G120/ G150 drive system
- Inverter functions
- Setpoint channel and closed loop control
- Diagnostics and troubleshooting
- Practical exercises using the training case

Target Group

Commissioning/configuration engineers, Service personnel

Contact Information

SIEMENS MALAYSIA SDN. BHD. (93008-X)
HRDF Training Provider ID: 13213/82

Digital Industries,
SITRAIN Training Room,
Level 15-1, CP Tower, No. 11, Jalan 16/11,
Pusat Dagang Seksyen 16,
46350 Petaling Jaya, Selangor.

Helpdesk: 1800 808 8888

E-mail: industry.my@siemens.com

e-Pass: https://siemens.asia/e-pass_v2/ASEAN/main/

Website: siemens.com.my/SIRT

Bank Details

Bank Name: Deutsche Bank (M) Bhd

Bank Account Number : 0020768000

Bank Address : 18th – 20th Floor, Menara IMC 8,
Jalan Sultan Ismail,
50250, Kuala Lumpur

Bank Swift Code : DEUTMYKLXXX

Daywise Schedule

Day	Time	Topics
Day 1	09:00 Hrs – 10:00 Hrs 10:00 Hrs – 12:00 Hrs 13:00 Hrs – 15:00 Hrs 15:15 Hrs – 17:00 Hrs	Introduction to Sinamics Sinamics drive design Power components Principle of operation
Day 2	09:00 Hrs – 10:00 Hrs 10:00 Hrs – 12:00 Hrs 13:00 Hrs – 15:00 Hrs 15:15 Hrs – 17:00 Hrs	Commissioning with STARTER Diagnostics Application of diagnostics functions Practical on the above
Day 3	09:00 Hrs – 10:00 Hrs 10:00 Hrs – 12:00 Hrs 13:00 Hrs – 15:00 Hrs 15:15 Hrs – 15:30 Hrs	Inverter functions Installation and parameterization Practical on the above Feedback & Valedictory session

Break Timings:

10:00 Hrs – 10:15 Hrs	Morning Tea Break
12:00 Hrs – 13:00 Hrs	Lunch Break
15:00 Hrs – 15:15 Hrs	Afternoon Tea Break
17:00 Hrs – 17:15 Hrs	Recess & End of Day