

Installation and Commissioning of Distribution Switchgear

Course Code: ESG08

SFC-Eligible | Course Reference Number: TGS-2022012387

COURSE OBJECTIVES

Upon completion of this course, participants will be able to:

- Describe the construction of a Distribution Switchgear
- Explain the necessary safety measures to be put in place during installation and commissioning of Distribution Switchgear
- Describe the process of installing and commissioning of Distribution Switchgear
- Perform the various tests and checks for Distribution Switchgear

MAIN CONTENTS

Theory

- Safety aspects on installation and commissioning of Distribution Switchgear
- Construction of a Switchgear
- Functions of auxiliary equipment
- Operation of relays and setting of relays
- Switchgear Panel naming convention
- Pre-installation procedure for Switchgear and auxiliary equipment on site
- Installation of Switchgear and auxiliary equipment on site
- Pre-commission Tests for Distribution Switchgear
- Commissioning test and check for Distribution Switchgear
- Project closing

Practical

- Perform pre-commission test for Distribution Switchgear
- Perform Switchgear operation
- Preparation of commissioning diagram

METHODOLOGY

Lecture and hands-on training

TARGET AUDIENCE

Engineering and technical staff involved in the installation, commissioning, operation and maintenance of distribution switchgear

COURSE DETAILS

Duration	:	10.5 hours
Mode of Delivery	:	Face-to-face
Certification	:	SIPG Certificate of Completion
PDU by PE Board	:	9
Additional Requirement/s	:	Personal Protection Equipment (PPE) must be worn during practical session. PPE includes: <ul style="list-style-type: none">• Safety Shoes• Safety Helmet• Fire Retardant Clothing (FRC)

COURSE FEES

Full Course Fee	:	S\$1,050 (before GST)
For Singapore Citizens/PR/LTVP+*	:	S\$315 (before GST)
For Singapore Citizens (40 years old and above)	:	S\$105 (before GST)

ADDITIONAL REMARKS

- Trainee must attain at least 75% attendance rate and pass the assessment to receive Certificate of Completion and funding grant (if applicable).
- Subsidy of up to 70% is applicable for Singapore Citizens, Permanent Residents or Long-Term Visitor Pass Plus (LTVP+) Holders, subject to funding agency's approval.
- Enhanced subsidy of up to 90% is applicable for Singapore Citizens aged 40 years and above, subject to funding agency's approval. Note that GST payable will be computed from fee after 70% funding.
- Professional Development Unit (PDU) is applicable for Professional Engineers registered under the Professional Engineers (PE) Board only.
- All published fees are subject to prevailing GST.

CONTACT US

For more information, please contact SIPG at +65 6916 7930 or email training-institute@spgroup.com.sg.

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