

Operation and Maintenance of Distribution Transformer

Course Code: ETF02

SFC-Eligible | Course Reference Number: TGS-2020501072

COURSE OBJECTIVES

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

- Gain knowledge on the operation and maintenance of distribution transformer
- Apply the recommended process to operate and maintain the distribution transformer

MAIN CONTENTS

- Elementary principles of transformer
- Construction and design of transformer
- Basic design, construction and functions of transformer accessories
- Voltage regulation
- Paralleling of transformers
- Transformer protection
- Procedures for inspection and maintenance of transformer

METHODOLOGY

Lecture and practical session

TARGET AUDIENCE

Engineering and technical staff who are required to carry out operation and maintenance work on distribution transformers

COURSE DETAILS

Duration	:	14 hours
Mode of Delivery	:	Face-to-face or Blended (Face-to-face and Synchronous E-learning)
Certification	:	SIPG Certificate of Completion
PDU by PE Board	:	14
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\$1,400 (before GST)
For Singapore Citizens/PR/LTVP+*	:	S\$420 (before GST)
For Singapore Citizens (40 years old and above)	:	S\$140 (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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