

Electrical Testing and Inspection for Non-licensed Electrical Installation

Course Code: ENO39

COURSE OBJECTIVES

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

- Carry out basic electrical inspection and testing for fixed electrical installation in residential and non-residential (up to 45kVA) for properties in compliance with the relevant code of practice
- Understand good practice and common non-compliances for the inspection and testing of electrical installation work

MAIN CONTENTS

- Purpose of inspection and testing for low voltage installation in compliance with safety requirements
- Inspection of electrical installation
- Testing of electrical installation
- Testing procedures for:
 - Insulation resistance test, Phase sequence test
 - Earth fault loop impedance test
 - Continuity test, Polarity test, RCCB test
- Common non-compliances during electrical installation inspection and testing
- Practical session on electrical installation testing and fault identification

METHODOLOGY

Lecture and practical session

TARGET AUDIENCE

Engineering and technical staff who are required to carry out electrical testing and inspection work/project for non-licensed electrical installation

COURSE DETAILS

Duration	:	7 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	:	7
Additional Requirement/s	:	Personal Protection Equipment (PPE) must be worn during practical session. PPE includes: <ul style="list-style-type: none">• Insulation Shoes• Rubber Gloves

COURSE FEES

Full Course Fee	:	S\$700 (before GST)
For Singapore Citizens/PR/LTVP+*	:	Not applicable
For Singapore Citizens (40 years old and above)	:	Not applicable

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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