



Kursus Persediaan Teori Untuk Chargeman BO

The Electricity Supply Act 1990 requires all installations or electrical plant equipment be operated under the control of persons possessing Certificates of Competency as a chargeman. This certificate programme will provide the knowledge to upgrade the skills of electricians, technicians and electrical supervisors on matters relating to design, selection, inspection, testing and in particular to the protection of property and safety of persons at the workplace.



ENTRY REQUIREMENTS

Candidate who wishes to sit for the examination conducted by the Energy Commission must meet the following requirement:

Electrical Chargeman BO-1:

- ☑ Possess Electrical Chargeman A4-1 with 2 years working experience in handling High Voltage System (up till 33 KV/11 kv) without Generator Sets (with synchronizing panel)

Electrical Chargeman BO:

- ☑ Possess Electrical Chargeman A4 Certificate with minimum 2 years working experience in handling High Voltage System (up till 33kV/11kV) or
- ☑ Possess Electrical Chargeman BO-1 Certificate with 1 year working experience in handling High Voltage System (up till 33kV/11kV) of which it must include Generator Sets (with synchronizing panel)

(Note: All the above do not include Wiring work experience)

COURSE OBJECTIVES

This course aims to: -

- Upgrade the knowledge and skills of current Electrical Chargeman A4 certificate holder in an organisation where live electrical work is in operation.
- Prepare participants to sit for the Electrical Chargeman BO or BO-1 Examination conducted by the Energy Commission.

CERTIFICATION

A Certificate of Attendance would be awarded to participants who have fulfilled the 80% course attendance requirement.

Certificate of Competency as an Electrical Chargeman BO or BO-1 will be issued by the Energy Commission Examination Board to participants who pass the examination conducted by the Board.

WHO SHOULD ATTEND

This programme is targeted at currently employed Electrical Chargeman A4 Certificate holders in an organisation where live electrical work is in operation.

ADMINISTRATIVE DETAILS

Date: Jul 29, 2012 – Mar 3, 2013

Time: 9.00 a.m – 5.00 p.m

Venue: **FMM Institute**
2nd Floor, Wisma FMM
No.3, Persiaran Dagang, PJU 9
Bandar Sri Damansara
52200 Kuala Lumpur

Fees: Member **RM 3,700.00** per pax
Non-Member **RM 4,200.00** per pax

(Fees do not include meals and examination fee)



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COURSE CONTENTS

- Electricity Act 1990
- Electricity Supply Regulations
- CPR and First Aid
- Protective Device in IEE Regulations
- Basic Electricity and Measuring Equipment
- Transformer
- Cables
- Motor and Controls
- Energy Efficiency and Energy Audit
- Fire Prevention and Refrigeration System
- Overhead Line
- Gen Set Non-Synchronising and Synchronising
- High Voltage System
 - High Voltage Sub-station General Safety, Electrical Acts and Regulation
 - Sub-station Equipment, Operations and Maintenance
 - 11kv Protection and Protective Devices
 - Operation and Maintenance of RMU, OLU, HFU, OCB
 - Operations and Maintenance of VCB and HV Transformer

COURSE STRUCTURE

Contact days/hours : 22 days / 154 hours
Lecture days : Sat & Sun
Duration of programme : 5 months

Evaluation

Examination 100%

Completed registration form, faxed, mailed or e-mailed to FMM Institute would be deemed as confirmed.

There will be no refund or cancellation within 0-5 days prior to the programme, 50 % refund for cancellation between 6-9 days and full refund for cancellation 10 days prior to the programme. However, replacement can be accepted at no additional cost.

The FMM Institute reserves the right to cancel or re-schedule the above programme and all efforts will be taken to inform participants of the changes.



REGISTRATION FORM

KURSUS PERSEDIAN TEORI UNTUK CHARGEMAN BO

Saturday & Sunday, Date: July 29, 2012 – March 3, 2013, Venue : FMM Institute, Kuala Lumpur

(To be completed in BLOCK LETTERS)

A. PERSONAL PARTICULARS

Full Name (Mr/Ms) : _____ NRIC No. _____

Designation : _____ Name of Company : _____

Permanent Address : _____

Correspondence Address : _____
(if different from permanent address)

Tel No. (H) : _____ (O) : _____ Fax No. : _____

E-mail Address : _____ H/P No: _____

Date of Birth : _____ Sex : _____ Age : _____ Nationality : _____ Race : _____

B. EDUCATIONAL BACKGROUND

Name of School / Institution	Years Attended		Highest Qualification Obtained
	From	To	
Secondary : _____	_____	_____	_____
College / University : _____	_____	_____	_____
Any Special Professional Course : _____	_____	_____	_____

C. SPONSORSHIP

Company Sponsored Self Sponsored Please Tick (√)

D. SUBMITTED BY (To be filled if sponsored by company)

SBL Please Tick (√)

Name : _____ Designation : _____

Company Name: _____

Company Address : _____

Tel No. : _____ Fax No. : _____ E-mail Address : _____

FMM Membership No: _____ My Corporate Identity No : _____

E. DECLARATION

I hereby declare that the information provided is correct and complete.

Signature of Participant: _____ Date: _____

Payment Advice:
Enclosed cheque/bank draft No. _____ for RM _____ being payment for _____ participant(s) made in favour of "FMM Institute".

Please fax or mail the registration form to :
Hasnah / Anitha Tel : 03-62867200 Fax : 03-62776712
Wisma FMM, No 3, Persiaran Dagang, PJU 9, Bandar Sri Damansara, 52200 Kuala Lumpur.
E-mail : hasnah@fmm.org.my or anitha@fmm.org.my Website : www.fmm.edu.my