



Certificate in Electrical Chameleon A4



This 2 months programme is aimed at upgrading the theoretical and operational skills of current Electrical Chameleon AO and A1. It is specially developed to prepare participants to sit for the Chameleon A4/A4-1/ A4-2 examination conducted by the Energy Commission

Course Objectives

This course is aimed to:

1. upgrade the knowledge and skills of current Electrical Chameleon AO and A1 certificate holder in an organisation where live electrical work is in operation;
2. prepare participants to sit for the Electrical Chameleon A4/ A4-1/A4-1 Examination conducted by the Energy Commission.

Who should attend?

This programme is targeted at currently-employed Electrical Chameleon AO and AI Certificate holders in an organisation where live electrical work is in operation.

Certification

A Certificate of Attendance would be awarded to participants who have fulfilled the 75% attendance course requirement

Certificate of Competency as an Electrical Chameleon A4, A4-1 or A4-2 will be issued by the Energy Commission Examination Board to participants who pass the examination conducted by the board.

Who to contact?

Head Officer
FMM Institute of Manufacturing
No3, Persiran Dagang, PJU9,
Bansar Sri Damansara
52200 KL

Entry Requirements

Candidate who wish to sit for the examination conducted by the Energy Commission must meet the following requirements:

Electrical Chameleon A4-2

- Possesses AO certificate
- 1 year working experience in handling generator set (without synchronizing panel)

Electrical Chameleon A4-1

- All requirements as per Chameleon A4-2
- additional 1 year experience in overhead lines.

Electrical Chameleon A4

- Possesses AO certificate
- 1 year working experience in handling generator sets (with synchronizing) and 1 year in overhead lines

or

- Possesses A1 certificate
- 1 year working experience in handling generator sets (with synchronizing)

Course Content

1. Electrical Supply Atc 1990
2. Electrical Supply Regulation 1994
3. IEE Wiring Regulations
4. CPR, First Aid & Treatment of Electrical Shock
5. Fire Prevention System
6. Protective Devices in Low Voltage Installation
7. Basic Electricity
8. Transformer
9. Cables
10. Underground cables
11. Motors and Controls
12. Battery
13. Measuring and testing equipment
14. Air-conditioning
15. Inspection of Substation Equipment
16. Consumer Installations
17. Street Lights
18. Overhead Lines
19. Generator Set (with & without synchronizing panel)

Struktur Kursus

Jumlah masa pembelajaran	: 10 hari atau 80 jam	Penilaian
Jumlah Modul	: 8 Sessi	Peperiksaan 100%
Waktu Kuliah	: Sabtu/ Ahad (9 am ~ 5 pm)	
Tempoh masa kursus	: 2 bulan	

ADMINISTRATIVE DETAILS

Date: 15 March ~ 20 April 2003
Time: 9.00 a.m – 5.00 p.m
Venue: FMM-IM, 2nd Floor, Wisma FMM
No.3, Persiaran Dagang, PJU 9
Bandar Seri Damansara,
52200 Kuala Lumpur
Fees: Member RM 3500
Non-Member RM 4000

(Fees include course materials, practical session, refreshments and a complimentary lunch)

Closing Date: 12 March 2003

There will be no refund or cancellation within 2 days prior to the programme, 50 % refund for cancellation between 3 – 6 days and full refund for cancellation 7 days prior to the programme. However, replacement can be accepted at no additional cost.

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

Training Grant from PSMB can be applied through the **PROLUS/ SBL-KHAS scheme** PRIOR to the Commencement of the programme.

REGISTRATION FORM

SIJIL PENJAGA JENTERA ELEKTRIK A4

Saturday and Sunday, 15 March ~ 20 April 2003 . Venue : FMM-IM Kuala Lumpur

The Executive Director
FMM Institute of Manufacturing (475427-W)
P.O.Box 28, Jinjang, 52200 Kuala Lumpur
Fax: 03-62776712

Dear Sir

Please register the following participant for the above programme:

A. PERSONAL PARTICULARS

Full Name : _____ Designation : _____

E – mail : _____ H/P No: _____

B. EDUCATION BACKGROUND

Highest Qualification : _____

C. SUBMITTED BY:

Name : _____ Designation : _____

Company Name: _____ PSMB Code No : _____

Correspondence Address : _____

Tel Number : _____ Fax Number: _____

FMM Membership No: _____

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

Signature of Participant:

Date:

