

PENSIJILAN PROFESIONAL DALAM PROGRAM PENDAWAIAN DAN PENYELENGGARAAN ELEKTRIK

PERKESO

www.zohlgroupp.com

COURSE CODE: HIT9013

LEVEL: Basic

LANGUAGE: BM & English

SINOPSIS KURSUS

Kursus Pendawaian dan Penyelenggaraan Elektrik di sector Elektrik & Elektronik adalah merupakan program yang digubal bagi memastikan peserta memperolehi pengetahuan dan kemahiran di dalam bidang teknologi elektrik. Melalui program ini, peserta bukan sahaja berpeluang mendapatkan pengetahuan teori tetapi juga latihan amali.

OBJEKTIF KURSUS

- Terangkan terma-terma elektrik asas
- Menghargai fungsi asas peranti elektrik dan membaca gambar rajah elektrik
- Menjalankan aktiviti penyelenggaraan elektrik di komponen loji/kilang
- Menyediakan pekerja mahir yang mempunyai kemahiran yang kompeten dalam bidang juruteknik elektrik dan mempunyai kebolehan pekerjaan dan diterima oleh industri.

KUMPULAN SASAR

- Kumpulan B40
- Siswazah baru (Fresh graduates)
- Siswazah Menganggur (Unemployed graduates)
- Pekerja yang diberhentikan (Retrenched Workers)
- Lulusan sekolah (School leavers)

COURSE DURATION

10 days (9am - 5pm)

Tea Breaks: 10:30am & 3:30pm | Lunch: 1:00pm-2:00pm

Note: Please contact our office for Training Date or visit our website for details (www.zohlgroupp.com)

KANDUNGAN KURSUS

GETTING STARTED

- Icebreaker
- Housekeeping Items
- The Parking Lot
- Workshop Objectives

Modul 1: Asas Elektrik

- Pengeluaran & Pengagihan Elektrik
- DC dan AC
- Voltan, Arus dan Rintangan; Ohm's Law
- Litar Elektrik Asas: Series/Parallel

Modul 2: Aktiviti Loji/Kilang

- Konvensyen penamaan perincian plat peralatan loji/kilang
- Prinsip operasi asas
- Kerosakan dan pembaikan/pemulihan asas
- Masalah litar pintas dan beban berlebihan
- Pemasangan, Penyelenggaraan, dan Kawalan Mesin Elektrik
- Pemasangan dan Penyelenggaraan Komponen Elektrik Industri
- Ciri-ciri Keselamatan di tempat kerja - OSHA

Modul 3: Pendawaian dan Penyelenggaraan Elektrik Fasa Tunggal

- Single phase drawing
- Single phase wiring
- Single phase wiring maintenance
- Single phase motor and motor control installation
- Single phase appliances maintenance
- Single phase wiring testing and commissioning

Modul 4: Pendawaian dan Penyelenggaraan Elektrik Tiga Fasa

- Three phase drawing
- Three phase wiring
- Three phase wiring maintenance

- Three phase motor and motor control installation
- Three phase appliances maintenance
- Three phase wiring testing and commissioning
- Three phase supervisory function

Modul 5: Latihan Amali dan Peperiksaan

Question & Answer Session

Examination

- Ensure that you have filled up the basic details.
- This exam consists of 40 multiple-choice questions.
- Candidates need to score a minimum of 65% of the total marks (i.e. 26 out of 40) to pass this examination.
- The total duration of this examination is 90 minutes.
- Candidate should Tick against only one correct answer in Multiple Choice Questions.
- There is no negative marking system applicable to this examination.
- In case the participant does not score passing % then they will be granted a 2nd attempt at no additional cost. Re-examination can be taken up to 30 days from the date of the 1st exam attempt.

End of Program House-Keeping

- Program De-Briefing
- Feedback Questionnaire
- Closing Ceremony

NOTE: The Above Training will be conducted both in English & Bahasa Malaysia

HASIL PEMBELAJARAN

- Memasang, menyelenggara dan memperbaiki pemasangan pendawaian fasa tunggal dan tiga fasa
- Menjalankan ujian pada pendawaian dan pemasangan elektrik
- Sediakan sebut harga untuk pemasangan atau penyelenggaraan elektrik baru atau tambahan
- Adakah rutin pentadbir, seperti laporan penyelenggaraan mingguan.
- Baiki peralatan elektrik seperti aircond, mesin dan lain-lain.
- Peserta akan mendapat peluang untuk bekerja dalam sektor teknologi elektrik dan mendapat pendedahan kepada potensi untuk memulakan perniagaan dalam sector teknologi elektrik.

AKTIVITI PEMBELAJARAN

Bengkel ini akan dibahagikan kepada 30% teori dan 70% praktikal

- Role Play – end-to-end simulation
- Practical Exercise
- Case Studies (each participant will be required to submit a Project Paper based on the Case Studies. This will be a requirement for Competency Certificate)
- Learning Activities • Video Presentation • Self-Evaluation Training
- Quizzes • Exam for Competency Certificate
- Exam for Professional Certificate

PROSPEK KERJAYA

Pengetahuan dan kemahiran yang diperolehi oleh pelajar dari program ini akan membolehkan mereka menyertai pasaran kerja sebagai:

Customized In-House Training Program is available in the following areas:

Accounting & Finance | Administrative Skills | Career Development | Human Resources | Personal Development | Sales & Marketing | Leadership & Management | Workplace Essentials | Digital & Social Media Marketing | Cust Svc | SCM | Entrepreneurship | Soft Skills | HSE | Engineering | Telecoms | ICT | ISO | PM | TQM

CALL US FOR DETAILS OR VISIT OUR WEBSITE AT WWW.ZOHLGROUP.COM

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PERKESO

www.zohlgroup.com

- Juruteknik penyelenggaraan
- Pakar Rujuk • Pendawai
- Juruteknik Jentera Berat • Kontraktor Elektrik

LOCATION

ONLINE or Mindset Discovery Center™@ZOHL, M2-6-08, Level 6, 8trium Tower 2, Jalan Cempaka SD 12/5, Bandar Sri Damansara, 52200 Kuala Lumpur or Client's Preferred Location or selected venue in the Region(s)

COURSE FEE

FULLY SPONSORED BY GOVERNMENT through PERKESO PENJANA KERJAYA 3.0 INITIATIVE

(Participants will get Course Material, Attendance Certificate, Professional Certificate, and Meals for Physical Classroom Training))

CERTIFICATE

Participants will be issued a Certificate of Attendance/ Competency and joint Professional Certification with UiTM upon successful completion of this training program. Full attendance is a pre-requisite.

HRDF CLAIMABLE

NOT APPLICABLE

CERTIFICATION BODY

Universiti Teknologi MARA



REGISTRATION METHOD

1. **Online:** <https://zohlgroup.com/mdc/perkeso-registration/> OR
2. Download this brochure at: <https://zohlgroup.com/mdc/perkeso-brochure/> and fill up the required information. Then please fax to: 03.6279.0663
3. Or contact our office at: 03.6279.9276 / 013.398.1038

FACILITATOR

Sathy Vel Naidu - Sathy has more than 25 years of experience in the Mechanical and Electrical (M&E) industry. Over the span of his career he has gained significant knowledge in project management, electrical systems troubleshooting & maintenance, and systems design & engineering. In addition to managing projects he has also started sharing his knowledge through training services under ZOHL



Technical Programs.

Education:

- ◇ Electrical Chargeman License
- ◇ Certificate in Westinghouse Electrical Systems
- ◇ Power Systems Auditor for Procter & Gamble
- ◇ Radiation Safety Training for Honeywell TDC 3000
- ◇ PSMB HRDF/TTT Certificate

Experience:

- ◇ Electrical Technician for Hitachi Electronics Devices Singapore
- ◇ Testing & commissioning supervisor for Toyo Engineering
- ◇ Asst Engineer for FPG Oleochemicals Sdn Bhd
- ◇ Maintenance Manager FPG Oleochemicals sdn Bhd
- ◇ Engineering Director at Pakat Perkasa Sdn Bhd
- ◇ Lightning & Earthing Protection Systems Trainer for Celcom
- ◇ Electrical Trainer for Leighton Offshore
- ◇ Technical Trainer @ZOHL

*Note: Trainer availability is subject to change

REGISTRATION FORM

Participant#1: _____

Position: _____

IC No: _____

Participant#2: _____

Position: _____

IC No: _____

Training Date: _____

Organization: _____

Address: _____

Contact Person: _____

Position: _____

Tel: _____

Fax: _____

Email: _____

PAYMENT

CASH: RM _____ OR

CHEQUE No: _____

Please fax your bank-in slip to 03.6279.0663 or scan your bank-in slip and email to training@zohlgroup.com

*Please make your cheque payable to:

ZOHL Consultancy Sdn Bhd



Account No:
514392303373

Signature & Company Stamp

Note:

- Date & venue of seminar subject to changes
- Payment must be made 7 days before the training date
- Registration cancelled 7 days prior to the event is subject to RM100 service charge per participant
- No refunds for notice received less than 7 days prior to the event. A substitution may be made at any time at no extra charge.
- Program content may change subject to revision by our consultants from time to time.
- Full fee is required with your registration. 5% Group discount is available - min 3 pax.

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Sebarang pertanyaan sila hubungi Cik Niesa

ZOHL Consultancy Sdn Bhd (332967-D) (SST ID:W10-1810-32000429)

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