香港學術及職業資歷評審局
Hong Kong Council for Accreditation of
Academic & Vocational Qualifications

SUMMARY ACCREDITATION REPORT

TECHNOLOGICAL AND HIGHER EDUCATION INSTITUTE OF HONG KONG, VOCATIONAL TRAINING COUNCIL

LEARNING PROGRAMME ACCREDITATION

PROFESSIONAL DIPLOMA MEISTER IN POWER ELECTRICAL ENGINEERING

APRIL 2023

1. TERMS OF REFERENCE

1.1 Based on the Service Agreement (No.: VA1514), the Hong Kong Council for Accreditation of Academic and Vocational Qualifications (HKCAAVQ), in the capacity of the Accreditation Authority as provided for under the Accreditation of Academic and Vocational Qualifications Ordinance (Cap. 592) (AAVQO), was commissioned by the Technological and Higher Education Institute of Hong Kong, Vocational Training Council, (Operator) to conduct a Learning Programme Accreditation (LPA) exercise with the following Terms of Reference:

(a) To conduct an accreditation test as provided for in AAVQO to determine whether the Professional Diploma Meister in Power Electrical Engineering programme of the Operator meets the stated objectives and Hong Kong Qualifications Framework (QF) standard and can be offered as an accredited programme; and

(b) To issue to the Operator an accreditation report setting out the results of the determination in relation to (a) by HKCAAVQ.

1.2 The accreditation exercise was conducted according to the relevant accreditation guidelines referred to in the Service Agreement. A site visit took place on 1 March 2023.

2. HKCAAVQ'S DETERMINATION

Learning Programme Accreditation

2.1 HKCAAVQ has determined that the Professional Diploma Meister in Power Electrical Engineering meets the stated objectives and QF standard at Level 5, and can be offered as an accredited programme with a validity period from 1 June 2023 to 31 August 2026.

2.2 **Validity Period**

2.2.1 The validity period will commence on the date specified below.

2.3 The determinations on the Learning Programme Accreditation are specified as follows:

Name of Operator(s)	Technological and Higher Education Institute of Hong Kong, Vocational Training Council 職業訓練局香港高等教育科技學院

Name of Award Granting Body	Vocational Training Council 職業訓練局
Title of Learning Programme	Professional Diploma Meister in Power Electrical Engineering 電力工程大師級專業文憑
Title of Qualification(s) (Exit Award(s))	Professional Diploma Meister in Power Electrical Engineering 電力工程大師級專業文憑
Primary Area of Study and Training	Engineering and Technology
Sub-area (Primary Area of Study and Training)	Electrical, Electronic and Mechanical Engineering and Services
Other Area of Study and Training	Not applicable
Sub-area (Other Area of Study and Training)	Not applicable
Industry	Not applicable
Branch	Not applicable
QF Level	Level 5
QF Credits	130
Mode(s) of Delivery and Programme Length	Part-time, 2 years 1,300 notional learning hours (including 472 contact hours)
Intermediate Exit Award(s)	Not applicable
Validity Period	1 June 2023 to 31 August 2026
Number of Enrolment(s)	One enrolment per academic year
Maximum Number of New Students	Maximum 40 students per academic year
Specification of Competency Standards-based Programme	☐ Yes ☑ No
Specification of Generic (Foundation) Competencies-based Programme	☐ Yes ☑ No
Vocational Qualifications Pathway Programme	☐ Yes ☑ No
Notes to be indicated on the QR	The use of the above award title was approved by the Review Panel on Award Titles in July 2022.

	資歷名銜審核委員會已於 2022 年 7 月批准上述資歷名銜的使用。
Address of Teaching/ Training Venue(s)	See Appendix

2.4 **Recommendation(s)**

HKCAAVQ offers the following recommendation for continuous improvement.

Recommendation(s)
<u>Recommendation 1</u> The Operator should consider incorporating more of the latest industry practice, requirements and development in the programme content to better prepare its learners for the role as a Meister in the industry. The Operator should also review and update the equipment and facilities to keep abreast of and align with the latest utilisation norms in the industry. <u>Recommendation 2</u> The Operator should design learning, teaching and assessment activities with a focus on the physics and knowledge foundations beyond technical details for the five technical modules under the domain of occupational competencies to ensure there continue to be a strong constructive alignment between the module contents and the programme objectives.

2.5 HKCAAVQ will subsequently satisfy itself whether the Operator remains competent to achieve the relevant objectives and the Programme continues to meet the standard to achieve the relevant objectives as claimed by the Operator by reference to, amongst other things, the Operator's fulfilment of any conditions and compliance with any restrictions stipulated in this Accreditation Report. For the avoidance of doubt, maintenance of accreditation status is subject to fulfilment of any condition and compliance with any restriction stipulated in this Accreditation Report.

3. INTRODUCTION

3.1 The Technological and Higher Education Institute of Hong Kong (THEi), established in 2012, is a member institution of the Vocational Training Council (VTC). It was granted Institutional Review status by HKCAAVQ in September 2012. The Institute offers mainly vocationally-oriented self-financed bachelor's degree programmes pitched at QF Level 5, and various professional diploma (PD)/ professional certificate (PC) programmes pitched at QF Level 4 or 5.

4. PROGRAMME DETAILS

The following is the programme information provided by the Operator.

4.1 Programme Objectives

The programme objectives (POs) addressing the essential competencies of a Power Electrical Meister are as follows:

PO1: To develop practitioners into a Meister of the industry who possesses and renders professional, managerial, and mentoring competencies in their work;
PO2: To expand and develop practitioners' technical expertise in masterminding the conduct of a range of types and scales of power electrical engineering projects from a technical perspective;
PO3: To equip practitioners with the tools and methodologies to critically evaluate and improve the quality, efficiency, and cost effectiveness of power electrical engineering projects, ensuring their financial viability and statutory compliance;
PO4: To equip practitioners with solid knowledge of mentoring and coaching so as to prepare them for taking up a training role to facilitate the continuity of skills excellence in the industry; and
PO5: To develop practitioners' awareness of technological and operational innovations and their impact on the development of the trade.

4.2 Programme Intended Learning Outcomes (PILOs)

Upon completion of PDM-PEE, graduates will be able to:
PILO1: Critically evaluate and deploy the technical competencies required in power electrical engineering projects;
PILO2: Manage staff and projects to execute power electrical works and operations of various types and scales with consideration of costing and legal compliance;
PILO3: Plan, design, and conduct the training and development activities of power electrical engineering supervisors and technicians;
PILO4: Keep abreast of new technology related to the power electrical industry, and examine the feasibility of its applications to the industry; and
PILO5: Demonstrate the possession of a comprehensive set of excellence and commit with professional ethics as required in fulfilment of the title of Power Electrical Meister.

4.3 Programme Structure

Module Title	QF Credit
Low Voltage Installations 1	130
Legal and Contemporary Issues in the Industry	
Low Voltage Installations 2	
Project & QSHE Management	
Electrical Systems & Machines	
High Voltage Installations	
Advanced Technology	
Asset Management	
Training & Coaching	
Industry Based Project	
	130

4.4 Graduation Requirements

To graduate, learners are required to pass all the modules in the Programme and the pass mark for a module is 40%.

4.5 Admission Requirements

The admission requirements for PDM-PEE in terms of (a) professional qualification and industry experience, and (b) academic qualifications are as follows:

(a) <u>Professional qualification and industry experience</u>
Grade B Registered Electrical Worker (REW) (Cap 406); and
At least eight years of post-REW Grade B work experience;

AND

(b) <u>Academic qualification</u>
A relevant higher diploma or professional diploma at QF Level 4, or equivalent endorsed by Faculty Board.

Mature applicants at the age of 35 or above and having a minimum of 15 years of power electrical work experience, in which not less than 5 years of REW Grade B work experience, may also be considered for admission on a case-by-case basis.

Applicants are required to pass an admission interview and provide their employer's nomination for admission purpose.

5. IMPORTANT INFORMATION REGARDING THIS ACCREDITATION REPORT

5.1 Variation and withdrawal of this Accreditation Report

5.1.1 This Accreditation Report is issued pursuant to section 5 of the AAVQO, and contains HKCAAVQ's substantive determination regarding the accreditation, including the validity period as well as any conditions and restrictions subject to which the determination is to have effect.

5.1.2 HKCAAVQ may subsequently decide to vary or withdraw this Accreditation Report if it is satisfied that any of the grounds set out in section 5 (2) of the AAVQO apply. This includes where HKCAAVQ is satisfied that the Operator is no longer competent to achieve the relevant objectives and/or the Programme no longer meets the standard to achieve the relevant objectives as claimed by the Operator (whether by reference to the Operator's failure to fulfil any conditions and/or comply with any restrictions stipulated in this Accreditation Report or otherwise) or where at any time during the validity period there has/have been substantial change(s) introduced by the Operator after HKCAAVQ has issued the accreditation report(s) to the Operator and which has/have not been approved by HKCAAVQ. Please refer to the '*Guidance Notes on Substantial Change to Accreditation Status*' in seeking approval for proposed changes. These Guidance Notes can be downloaded from the HKCAAVQ website.

5.1.3 If HKCAAVQ decides to vary or withdraw this Accreditation Report, it will give the Operator notice of such variation or withdrawal pursuant to section 5(4) of the AAVQO.

5.1.4 The accreditation status of the Operator and/or Programme will lapse immediately upon the expiry of the validity period or upon the issuance of a notice of withdrawal of this Accreditation Report.

5.2 Appeals

5.2.1 If the Operator is aggrieved by the determination made in this Accreditation Report, then pursuant to Part 3 of the AAVQO the Operator has a right of appeal to the Appeal Board. Any appeal must be lodged within 30 days of the receipt of this Accreditation Report.

5.2.2 If the Operator is aggrieved by a decision to vary or withdraw this Accreditation Report, then pursuant to Part 3 of the AAVQO the Operator has a right of appeal to the Appeal Board. Any appeal must be lodged within 30 days of the receipt of the Notice of Variation or Withdrawal.

5.2.3 The Operator should be aware that a notice of variation or withdrawal of this Accreditation Report is not itself an accreditation report and the right to appeal

against HKCAAVQ's substantive determination regarding accreditation arises only from this Accreditation Report.

5.2.4 Please refer to Cap 592A (www.elegislation.gov.hk) for the appeal rules. Details of the appeal procedure are contained in section 13 of the AAVQO and can be accessed from the QF website at: www.hkqf.gov.hk.

5.3 Qualifications Register

5.3.1 Qualifications accredited by HKCAAVQ are eligible for entry into the QR at www.hkqr.gov.hk for recognition under the QF. The Operator should apply separately to have their quality-assured qualifications entered into the QR.

5.3.2 Only learners who commence the study of the named accredited learning programme during the validity period and who have graduated with the named qualification listed in the QR will be considered to have acquired a qualification recognised under the QF.

Appendix

Address of Teaching/ Training Venues

(1) Technological and Higher Education Institute of Hong Kong (Tsing Yi Campus)
20A Tsing Yi Road, Tsing Yi Island, New Territories
香港高等教育科技學院（青衣校園）
新界青衣島青衣路 20A 號

(2) Technological and Higher Education Institute of Hong Kong (Chai Wan Campus)
133 Shing Tai Road, Chai Wan, Hong Kong
香港高等教育科技學院（柴灣校園）
香港柴灣盛泰道 133 號

(3) Hong Kong Institute of Vocational Education (Tsing Yi)
20 Tsing Yi Road, Tsing Yi Island, New Territories.
香港專業教育學院（青衣）
新界青衣島青衣路 20 號

(4) Hong Kong Institute of Vocational Education (Haking Wong)
702 Lai Chi Kok Road, Kowloon
香港專業教育學院（黃克競）
九龍長沙灣荔枝角道 702 號

(5) Hong Kong Institute of Vocational Education (Haking Wong), Waterfront Annex (CLP Power Engineering Laboratory)
879 Lai Chi Kok Road, Lai Chi Kok, Kowloon
香港專業教育學院（黃克競）海旁校舍（中電電力工程實驗室）
九龍長沙灣荔枝角道 879 號

(6) Lifelong Learning Centre, VTC
Rooms D and E, 12/F, Billion Plaza II
10 Cheung Yue Street, Cheung Sha Wan, Kowloon
職業訓練局終身學習中心
九龍長沙灣長裕街 10 號億京廣場 2 期 12 樓 D 室及 E 室

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