



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 RE-ACCREDITATION
PROFESSIONAL DIPLOMA IN BUILDING SERVICES
ENGINEERING**

JULY 2026

1. TERMS OF REFERENCE

1.1 Based on the Service Agreement (No.: AA1169), 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 (AAVQO) (Cap. 592), was commissioned by Technological and Higher Education Institute of Hong Kong, Vocational Training Council (the Operator) to conduct a learning programme re-accreditation (re-LPA) with the following Terms of Reference:

- (a) To conduct an accreditation test as provided for in the AAVQO to determine whether the Professional Diploma in Building Services Engineering programme of the Operator meets the stated objectives and Hong Kong Qualifications Framework (QF) standards and can continue to 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.

2. HKCAAVQ'S DETERMINATION

2.1 HKCAAVQ has determined that the Professional Diploma in Building Services Engineering (PDBSE) programme meets the stated objectives and QF standard at Level 5, and can continue to be offered as an accredited programme with a validity period from 1 September 2026 to 31 August 2029.

2.2 Validity Period

2.2.1 The validity period will commence on the date specified below. Operators may apply to HKCAAVQ to vary the commencement date of the validity period. Applications will be considered on a case-by-case basis.

2.3 The determinations on the Programme 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 in Building Services Engineering 屋宇設備工程專業文憑
Title of Qualification(s) [Exit Award(s)]	Professional Diploma in Building Services Engineering 屋宇設備工程專業文憑
Primary Area of Study and Training	Engineering and Technology
Sub-area (Primary Area of Study and Training)	Other Engineering, Related Technology and Services
Other Area of Study and Training	Not applicable
Sub-area (Other Area of Study and Training)	Not applicable
QF Level	Level 5
QF Credits	151
Mode(s) of Delivery and Programme Length	Part-time, 20 months
Start Date of Validity Period	1 September 2026
End Date of Validity Period	31 August 2029
Number of Enrolment(s)	One enrolment per year
Maximum Number of New Students	50 per year
Specification of Competency Standards-based Programme	☐ Yes ☒ No
Other Specific Condition(s) of Approval	Not applicable
Notes to be indicated on the QR	Not applicable

Address of Teaching / Training Venue(s)	THEi Tsing Yi Campus 20A Tsing Yi Road, Tsing Yi, New Territories THEi Chai Wan Campus 133 Shing Tai Road, Chai Wan, Hong Kong THEi Taikoo Campus 29/F, 1063 King's Road, Quarry Bay, Hong Kong
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- 2.4 HKCAAVQ will subsequently satisfy itself on 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 the fulfilment of any condition and compliance with any restriction stipulated in this Accreditation Report. During the validity period, HKCAAVQ may request the Operator to provide evidence, such as admission related information, to demonstrate that the Operator and the Programme continue to comply with the determinations and meet the relevant accreditation standards.

3. INTRODUCTION

- 3.1 The Technological and Higher Education Institute of Hong Kong (THEi/The Operator) was established in 2011 as a member institution of the Vocational Training Council (VTC). THEi mainly operates local self-financed Bachelor's degree programmes and was granted Institutional Review status by HKCAAVQ in September 2012. In 2025/26 academic year, THEi offered 25 Bachelor's degree programmes, two Master's degree programmes and a number of professional diploma and professional certificate programmes accredited by HKCAAVQ.
- 3.2 The Professional Diploma in Building Services Engineering Programme was accredited for the first time in 2017 by the HKCAAVQ and re-accredited in 2022. For this Learning Programme Accreditation exercise, HKCAAVQ formed an expert Panel (Panel Membership at

Appendix). The site visit was at THEi Tsing Yi Campus on 21 and 22 May 2026. HKCAAVQ's *Manual for the Four-stage Quality Assurance Process under the Hong Kong Qualifications Framework (Version 1.3, 1 April 2025)* was the guiding document for the Operator and the Panel in conducting this accreditation exercise.

4. PROGRAMME DETAILS

The following programme information is provided by the Operator.

4.1 Programme Objectives

The Programme Objectives are:

- PO 1 Equip students with a solid knowledge and understanding of the theories, methods and practices of building services engineering that will prepare them for their careers in the building services industry
- PO 2 Provide students with the engineering knowledge and technical skills in the design, installation, commissioning, and operation of building service systems for buildings in the HKSAR
- PO 3 Develop students' ability in professional practice by integrating engineering, management, communication, leadership, teamwork and digital technologies to solve building services engineering problems
- PO 4 Develop students' ability to evaluate how environmental, technical, regulatory and digital factors influence building services engineering solutions and practices
- PO 5 Demonstrate students' commitment to professional ethics, social responsibility, environmental sustainability and continuous professional development in the building services engineering profession

4.2 Programme Intended Learning Outcomes

Upon successful completion of the programme, students will be able to:

- PLO 1 Apply fundamental mathematics, computing, science and engineering principles to building services engineering contexts.

- PLO 2 Apply appropriate engineering methods and digital tools to design, analyse, install, commission and maintain building services systems in defined contexts
- PLO 3 Analyse and solve building services engineering problems by designing systems or procedures that meet specified requirements, taking into account practical constraints and non-routine conditions
- PLO 4 Critically evaluate building services engineering solutions with respect to environmental, technical, regulatory and sustainability considerations
- PLO 5 Explain contemporary developments, professional practices and ethical issues in the building services engineering field
- PLO 6 Collect, analyse and interpret relevant data, synthesise information, and plan and execute structured engineering projects with appropriate documentation
- PLO 7 Communicate effectively in professional contexts, work collaboratively in teams, and demonstrate self-management and independent learning

4.3 Programme Structure

Semester	Module	Notional Learning Hours	Institute Credit	QF Credits	QF Level
1	English for Academic Studies 1	126	3	12.6	4
	Advanced Engineering Mathematics	126	3	12.6	5
	Piped Services	126	3	12.6	5
2	Electrical Services Fundamentals	126	3	12.6	4
	Fire Services	126	3	12.6	5
	Advanced Electrical Installations	126	3	12.6	5

Semester	Module	Notional Learning Hours	Institute Credit	QF Credits	QF Level
3	Indoor Environment Engineering	126	3	12.6	5
4	HVACR Technology	126	3	12.6	5
	Project & Engineering Management	126	3	12.6	5
5	Industry-based Student Project	252	6	25.2	5
	Building Services System Design	126	3	12.6	5
	Professional Development (non-credit-bearing)	--	--	--	--
	Total	1,512	36	151	-

4.4 Graduation Requirements

The graduation requirement for the Programme remains unchanged as an achievement of 151 QF credits and a pass in the Professional Development module.

4.5 Admission Requirements

The minimum admission requirements of the Programme are as follows:

- (a) A VTC's Professional Diploma in relevant disciplines at QF Level 4, or Higher Diploma or equivalent qualifications in a relevant area of study such as building services engineering; or
- (b) Graduates of a Professional Diploma, a Higher Diploma or an Associate Degree in other engineering or science programmes or equivalent will be considered for admission on a case-by-case basis, and their suitability will be evaluated by the Programme Team.

Mature applicants at the age of 25 or above with at least three years of relevant experience may also apply for admission. All short-listed

mature applicants are required to pass an interview that assesses their suitability.

4.6 Teaching and Learning Activities

The teaching and learning activities include lectures, tutorials, workshops, laboratory sessions, and guest lectures and seminars.

4.7 Learner Support Services

The learner support services include student counselling and language support services.

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 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 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 (<https://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 <https://www.hkqf.gov.hk>.

5.3 **Qualifications Register**

5.3.1 Qualifications accredited by HKCAAVQ are eligible for entry into the Qualifications Register ("QR") at <https://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.

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