



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

SUMMARY ACCREDITATION REPORT

HONG KONG COLLEGE OF ENGINEERING

LEARNING PROGRAMME RE-ACCREDITATION

**DIPLOMA IN BUILDING SERVICES ENGINEERING
TECHNOLOGY**

DIPLOMA IN CIVIL ENGINEERING TECHNOLOGY

MARCH 2023

1. TERMS OF REFERENCE

1.1 Based on the Service Agreement (No.: VA1507), 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 Hong Kong College of Engineering (香港設施工程學院) (“Operator”), a branch of the TD Professional Education Group Limited (尖端教育集團有限公司) to conduct a Learning Programme Re-accreditation (re-LPA) Exercise with the following Terms of Reference:

- (a) To conduct an accreditation test as provided for in AAVQO to determine whether the following programmes of the Operator meet the stated objectives and Hong Kong Qualifications Framework (QF) Level 3 standard and can continue to be offered as accredited programmes:
 - (i) Diploma in Building Services Engineering Technology;
 - (ii) Diploma in Civil Engineering Technology; and
- (b) To issue to the Operator 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.

2. HKCAAVQ’S DETERMINATION

Learning Programme Re-accreditation

I. Diploma in Building Services Engineering Technology

2.1 HKCAAVQ has determined that, the Diploma in Building Services Engineering Technology (DBSET) meets the stated objectives and QF standard at Level 3, and can be offered as an accredited programme with a validity period from 15 August 2023 to 14 August 2027.

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 Re-accreditation are specified as follows:

Name of Operator(s)	Hong Kong College of Engineering 香港設施工程學院
Name of Award Granting Body	Hong Kong College of Engineering 香港設施工程學院
Title of Learning Programme	Diploma in Building Services Engineering Technology 屋宇裝備工程技術文憑
Title of Qualification(s) (Exit Award(s))	Diploma in Building Services Engineering Technology 屋宇裝備工程技術文憑
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
Industry	Not applicable
Branch	Not applicable
QF Level	Level 3
QF Credits	60
Mode(s) of Delivery and Programme Length	Part-time, 15 months 600 notional learning hours (including 240 contact hours)
Intermediate Exit Award(s)	Not applicable
Validity Period	15 August 2023 to 14 August 2027
Number of Enrolment(s)	Four enrolments per year
Maximum Number of New Students	Maximum of 72 learners per year Maximum of 24 learners per class
Specification of Competency Standards-based Programme	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specification	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

of Generic (Foundation) Competencies-based Programme	
Vocational Qualifications Pathway Programme	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Notes to be indicated on the QR	Not applicable
Address of Teaching/ Training Venue(s)	15/F, Prosperity Centre, 982 Canton Road, Mongkok, Kowloon, Hong Kong 香港九龍旺角廣東道 982 號嘉富商業中心 15 樓

Learning Programme Re-accreditation

II. Diploma in Civil Engineering Technology

2.4 HKCAAVQ has determined that, the Diploma in Civil Engineering Technology (DCET) meets the stated objectives and QF standard at Level 3, and can be offered as an accredited programme with a validity period from 15 August 2023 to 14 August 2027.

2.5 **Validity Period**

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

2.6 The determinations on the Learning Programme Re-accreditation are specified as follows:

Name of Operator(s)	Hong Kong College of Engineering 香港設施工程學院
Name of Award Granting Body	Hong Kong College of Engineering 香港設施工程學院
Title of Learning Programme	Diploma in Civil Engineering Technology 土木工程技術文憑
Title of Qualification(s) (Exit Award(s))	Diploma in Civil Engineering Technology 土木工程技術文憑
Primary Area of Study and Training	Engineering and Technology

Sub-area (Primary Area of Study and Training)	Civil Engineering
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 3
QF Credits	60
Mode(s) of Delivery and Programme Length	Part-time, 15 months 600 notional learning hours (including 240 contact hours)
Intermediate Exit Award(s)	Not applicable
Validity Period	15 August 2023 to 14 August 2027
Number of Enrolment(s)	Four enrolments per year
Maximum Number of New Students	Maximum of 72 learners per year Maximum of 24 learners per class
Specification of Competency Standards-based Programme	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specification of Generic (Foundation) Competencies-based Programme	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Vocational Qualifications Pathway Programme	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Notes to be indicated on the QR	Not applicable

Address of Teaching/ Training Venue(s)	15/F, Prosperity Centre, 982 Canton Road, Mongkok, Kowloon, Hong Kong 香港九龍旺角廣東道 982 號嘉富商業中心 15 樓
---	--

2.7 **Recommendation(s)**

HKCAAVQ offers the following recommendation(s) for continuous improvement.

Recommendation(s)
<p style="text-align: center;"><u>All Programmes</u></p> <p><u>Recommendation 1</u></p> <p>The Operator should conduct graduate survey in a systematic way to facilitate the evaluation of programme effectiveness and obtain information on industry needs.</p> <p><u>Recommendation 2</u></p> <p>The Operator should enrich the learning contents in the existing modules of the DBSET and DCET programmes so as to better prepare learners for employment in the industry.</p> <p><u>Recommendation 3</u></p> <p>The Operator should arrange visits to external organisations at least once per year so as to enrich the learning experience and workplace exposure of learners.</p> <p style="text-align: center;"><u>Diploma in Building Services Engineering Technology</u></p> <p><u>Recommendation 4</u></p> <p>The Operator should review the existing equipment list and procure more handy equipment for demonstration in class so as to provide learners with more hands-on experiences and enhance the effectiveness of learning and teaching.</p>

- 2.8 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 Hong Kong College of Engineering (HKCE) is a subsidiary college of the TD Professional Education Group Limited. HKCE is a Pearson approved Education Centre offering Business and Technology Education Council (BTEC) programmes. HKCE also organises engineering related Continuing Professional Development (CPD) courses.

4. PROGRAMME DETAILS

The following is the programme information provided by the Operator.

4.1 Programme Objectives

I. Diploma in Building Services Engineering Technology

To enable students to acquire extensive and comprehensive skills and knowledge in basic building services engineering technologies, so that they can perform supporting roles and provide assistance in project coordination, technical and site operations applicable to the building and construction industry; and be prepared for further study in the discipline.

II. Diploma in Civil Engineering Technology

To enable students to acquire extensive and comprehensive skills and knowledge in basic civil engineering technologies, so that they can perform supporting roles and provide assistance in project coordination, technical and site operations applicable to the building and construction industry; and be prepared for further study in the discipline.

4.2 Programme Intended Learning Outcomes (PILOs)

I. Diploma in Building Services Engineering Technology

Upon completion of the programme, learners should be able to:

- PILO-1. Acquire knowledge in the building services engineering technology discipline for applying to the building and construction industry;
- PILO-2. Stay abreast of latest issues in skills, techniques, regulations, ethics, health and safety, environment and sustainability in the building services engineering technology discipline, and aware of their impacts;
- PILO-3. Apply knowledge in technical areas that are directly relevant to the changing needs of building services engineering technology discipline; and
- PILO-4. Develop a range of skills and techniques essential for effective performance in working life and career development in the building services engineering technology discipline.

II. Diploma in Civil Engineering Technology

Upon completion of the programme, learners should be able to:

- PILO-1. Acquire knowledge in the civil engineering technology discipline for applying to the building and construction industry;
- PILO-2. Stay abreast of latest issues in skills, techniques, regulations, ethics, health and safety, environment and sustainability in the civil engineering technology discipline, and aware of their impacts;
- PILO-3. Apply knowledge in technical areas that are directly relevant to the changing needs of civil engineering technology discipline; and
- PILO-4. Develop a range of skills and techniques essential for effective performance in working life and career development in the civil engineering technology discipline.

4.3 Programme Structure

I. Diploma in Building Services Engineering Technology

Module Title	QF Credits
Health, Safety and Welfare in Building and Surveying Environment	60
Sustainable Construction	
Numeracy in Building and Construction	
Science and Materials in Construction	
Building Services Control Systems	
Building Services Science	
Ventilation and Air Conditioning Design in Building Services	
Refrigeration Technology in Building Services	
Plumbing Technology in Building Services	
Electrical Principles in Building Services	
Electrical Installation Standards and Components in Building Services	
Electrical Installation Design in Building Services	
Total	60

II. Diploma in Civil Engineering Technology

Module Title	QF Credits
Health, Safety and Welfare in Building and Surveying Environment	60
Sustainable Construction	
Numeracy in Building and Construction	
Science and Materials in Construction	
Civil Engineering Information	
Structural Mechanics in Civil Engineering	
Principles of Structural Design	
Project in Construction Environment	

Geotechnics & Soil Mechanics	
Public Health Engineering in Civil Engineering	
Measurement Techniques in Construction	
Civil Engineering Construction	
Total	60

4.4 Graduation Requirements

All Programmes

- Achieve a minimum of 70% attendance of each module; and
- Achieve 60% in both Individual Assignment and Final Written Examination for each module.

4.5 Admission Requirements

All Programmes

- Completion of Form 5 under the old secondary education system; or completion of Senior Secondary 3 under the new secondary system; or mature student of age 21 or above; or equivalent qualifications; and
- Attained Level 2 / Grade E in Mathematics in HKDSE / HKCEE; or equivalent qualifications; or pass the admission test in Mathematics; and
- Attained Level 2 / Grade E in English Language in HKDSE / HKCEE; or equivalent qualifications; or pass the admission test in English and the admission interview.

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.

Ref: VA236/02/02a-03a

