



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 INSTITUTE OF CONSTRUCTION,  
CONSTRUCTION INDUSTRY COUNCIL**

**INITIAL EVALUATION**

**AND**

**LEARNING PROGRAMME ACCREDITATION**

**PROFESSIONAL DIPLOMA IN CONSTRUCTION  
FOR SPECIALIST TRADES**

**DECEMBER 2021**

## **1. TERMS OF REFERENCE**

1.1 Based on the Service Agreement (No.: VA1314), 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 Hong Kong Institute of Construction, Construction Industry Council (“Operator”), a member organisation of the Construction Industry Council to conduct an Initial Evaluation and Learning Programme Accreditation Exercise with the following Terms of Reference:

- (a) To conduct an accreditation test as provided for in AAVQO to determine whether the Operator meets the stated objectives and is competent to operate learning programmes that meet the Hong Kong Qualifications Framework (HKQF, or in short QF) Level 4 standard, and can be granted Initial Evaluation Status at QF Level 4; and
- (b) To conduct an accreditation test as provided for in AAVQO to determine whether the following programme of the Operator meets the stated objectives and QF standard and can be offered as an accredited programme:
  - (i) Professional Diploma in Construction for Specialist Trades
- (c) To issue to the Operator an accreditation report setting out the results of the determination in relation to (a) and (b) 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 27 October 2021.

## **2. HKCAAVQ'S DETERMINATION**

### **Initial Evaluation**

2.1 HKCAAVQ has determined that the Operator is competent to achieve its stated objectives and to operate learning programmes meeting QF standard at Level 4, and can be granted Initial Evaluation (IE) status at QF Level 4 with a validity period of two years.

### **2.2 Validity Period**

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

2.2.2 Within the two-year validity period for IE, the Operator must have at least one programme successfully accredited. If the Operator does not have a current accredited programme on the Qualifications Register (QR) at the end of the two-year validity period of their IE, the Operator will need to apply for an extension of their IE status at least three months before the validity period expires. An extension of up to 2 years may be granted. Only one extension of IE status will normally be allowed. If the Operator continues to gain successful Learning Programme Accreditation (LPA), their IE status will remain valid.

2.3 The determinations on the Initial Evaluation are specified as follows:

<b>Name of Operator</b>	Hong Kong Institute of Construction, Construction Industry Council 建造業議會香港建造學院
<b>Address of Operator</b>	38/F, COS Centre, 56 Tsun Yip Street, Kwun Tong, Kowloon, Hong Kong 香港九龍觀塘駿業街 56 號中海日升中心 38 樓
<b>Highest QF Level of programme(s) which the Operator can operate upon successful learning programme accreditation</b>	Level 4
<b>Start date of 2-year validity period of Initial Evaluation (IE) accreditation status</b>	1 January 2022
<b>Scope of IE Accreditation Status</b>	For local programmes operating in Hong Kong

### **Learning Programme Accreditation**

2.4 HKCAAVQ has determined that the Professional Diploma in Construction for Specialist Trades meets the stated objectives and QF standard at Level 4, and can be offered as an accredited programme with a validity period from 1 September 2022 to 31 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 Accreditation are specified as follows:

<b>Name of Operator(s)</b>	Hong Kong Institute of Construction, Construction Industry Council 建造業議會香港建造學院
<b>Name of Award Granting Body</b>	Construction Industry Council 建造業議會
<b>Title of Learning Programme</b>	Professional Diploma in Construction for Specialist Trades 建造專門行業專業文憑
<b>Title of Qualification(s) (Exit Award(s))</b>	<p><u>Building Decoration stream</u> 「屋宇裝飾」科別</p> <ul style="list-style-type: none"> <li>Professional Diploma in Construction for Specialist Trades (Building Decoration) 建造專門行業專業文憑（屋宇裝飾）</li> </ul> <p><u>Electrical Installation stream</u> 「電力裝置」科別</p> <ul style="list-style-type: none"> <li>Professional Diploma in Construction for Specialist Trades (Electrical Installation) 建造專門行業專業文憑（電力裝置）</li> </ul> <p><u>Plant Installation &amp; Maintenance stream</u> 「機械設備」科別</p> <ul style="list-style-type: none"> <li>Professional Diploma in Construction for Specialist Trades (Plant Installation &amp; Maintenance) 建造專門行業專業文憑（機械設備）</li> </ul> <p><u>Plumbing Installation stream</u> 「水務裝置」科別</p> <ul style="list-style-type: none"> <li>Professional Diploma in Construction for Specialist Trades (Plumbing Installation) 建造專門行業專業文憑（水務裝置）</li> </ul> <p><u>Structural Works stream</u> 「建築結構」科別</p> <ul style="list-style-type: none"> <li>Professional Diploma in Construction for Specialist Trades (Structural Works) 建造專門行業專業文憑（建築結構）</li> </ul>
<b>Primary Area of Study and Training</b>	Architecture and Town Planning
<b>Sub-area (Primary Area of Study and Training)</b>	Architecture, Construction and Town Planning
<b>Other Area of Study and Training</b>	Not applicable
<b>Sub-area (Other Area of Study and Training)</b>	Not applicable

<b>Industry</b>	Not applicable
<b>Branch</b>	Not applicable
<b>QF Level</b>	Level 4
<b>QF Credits</b>	220
<b>Mode(s) of Delivery and Programme Length</b>	<p>Two modes: Part-time Day and Part-time Evening, 3 years</p> <p><u>Building Decoration stream</u> 2,200 notional learning hours (including 1056.5 contact hours)</p> <p><u>Electrical Installation stream</u> 2,200 notional learning hours (including 1065.5 contact hours)</p> <p><u>Plant Installation &amp; Maintenance stream</u> 2,200 notional learning hours (including 1056.5 contact hours)</p> <p><u>Plumbing Installation stream</u> 2,200 notional learning hours (including 1050.5 contact hours)</p> <p><u>Structural Works stream</u> 2,200 notional learning hours (including 1045.5 contact hours)</p>
<b>Intermediate Exit Award(s)</b>	Not applicable
<b>Validity Period</b>	1 September 2022 to 31 August 2027
<b>Number of Enrolment(s)</b>	1 enrolment per year for each mode of study
<b>Maximum Number of New Students</b>	<p><u>Building Decoration stream</u> <u>Electrical Installation stream</u> <u>Plant Installation &amp; Maintenance stream</u> <u>Plumbing Installation stream</u> Maximum of 20 learners per year for each mode of study</p> <p><u>Structural Works stream</u> Maximum of 40 learners per year for part-time day mode, and maximum of 20 learners per year for part-time evening mode</p>

<b>Specification of Competency Standards-based Programme</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Specification of Generic (Foundation) Competencies-based Programme</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Vocational Qualifications Pathway Programme</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Notes to be indicated on the QR</b>	Not applicable
<b>Address of Teaching/ Training Venue(s)</b>	<p>(1) Hong Kong Institute of Construction – Kowloon Bay Campus 44 Tai Yip Street, Kowloon Bay, Kowloon, Hong Kong 香港建造學院 – 九龍灣院校 香港九龍九龍灣大業街 44 號</p> <p>(2) Hong Kong Institute of Construction – Kwai Chung Campus 7-11 Kwai Hop Street, Kwai Chung, New Territories, Hong Kong 香港建造學院 – 葵涌院校 香港新界葵涌葵合街 7 至 11 號</p> <p>(3) Hong Kong Institute of Construction – Sheung Shui Campus 1 Fung Nam Road, Sheung Shui, New Territories, Hong Kong 香港建造學院 – 上水院校 香港新界上水鳳南路 1 號</p>

2.7

**Recommendation(s)**

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

<b>Recommendation(s)</b>
<p><u>Recommendation 1</u></p> <p>The Operator should properly document exceptional cases of appointing Stream Leaders, Module Leaders and teaching staff with full justifications and passing the approval procedures.</p>

Recommendation 2

The Operator should have timely and proper arrangement for students' visits to the testing laboratories for the learning and teaching of structural material failure in the relevant modules of the "Structural Works" stream.

Recommendation 3

The Operator should ensure more trade journals covering the various specialist trades and greater variety of books and magazines related to the construction industry be made available for students to enrich their knowledge on the latest development of the construction industry.

Recommendation 4

The Operator should further specify the appointment criteria of External Examiner for the programme to provide clear guidance for all concerned parties.

Recommendation 5

The Operator should consider incorporating a quantitative method to enrich the sources of evidence for reviewing the effectiveness of learning and teaching strategies and assessments in facilitating and measuring students' attainment of the Programme Intended Learning Outcomes.

- 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 The Hong Kong Institute of Construction, Construction Industry Council (HKIC, CIC) is a member organisation of the Construction Industry Council (CIC), providing construction-related training to support the manpower needs of the construction industry in Hong Kong.

## 4. PROGRAMME DETAILS

The following is the programme information provided by the Operator.

### 4.1 Programme Objectives 課程目標

1. 讓學生掌握作為專門行業打理事業所需的知識、理論、方法和作業方式。
2. 加深學生對相關專門行業的知識，並協助他們有效地與各合作單位溝通，包括客戶、顧問、總承建商、承造商、政府部門、工地主管和前線工人，以取得優質成果。
3. 強化學生掌握建造業最新技術和科技的能力。
4. 讓學生符合專業機構認可（如適用）的學術要求；並協助他們持續進修以作個人及事業發展。

### 4.2 Programme Intended Learning Outcomes 課程擬定學習成效

完成課程後，學員應能：

1. 就工程項目規格和要求（包括法規／合約要求／行業標準、職業安全 and 健康、環境可持續性和專業道德等），運用相關專門行業的知識和技能，全面規劃工程項目和施工程序，以確保工程項目及施工有效、安全、優質和符合成本效益。
2. 於執行工程項目及施工程序時，制訂合適方案，以解決遇到的挑戰並適時檢討方案成效。
3. 評估建造業科技在其專門行業中的適用範疇，包括建築信息模擬（BIM）技術，並採取適當計劃以提升工作效率和質量。
4. 運用不同的溝通、談判與協調技巧、資訊科技和運算能力，有效處理行業打理事業的工作。
5. 就建造業的發展，反思及規劃個人及事業發展方向。

### Intended Learning Outcomes of Specific Streams 各個專修科別的擬定學習成效

完成課程的專修科別後，學員應能：

1. 根據相關法規／合約／行業標準和工種要求、職業安全與健康、環境可持續性和專業道德等，運用相關專門行業的知識和技能，整體規劃【科別範疇】\*工程項目及施工程序，以達致有效、優質、安全、準時且在預算範圍內的成果。
2. 制訂適宜的工程方案，以解決在執行【科別範疇】\*工程項目及施工程序時所面對的技術、合約、環保和人際關係等方面的挑戰，並檢討方案的成效。
3. 評估在【科別範疇】\*工程中應用建造業科技的範疇，包括建築信息模擬（BIM）技術，並能選取合適的方案以令工程項目及施工程序的效能和質量提升。
4. 運用不同的溝通、談判與協調技巧，有效地執行【科別範疇】\*專門行業打理事業的工作，並與項目中不同工種打理事業之間保持聯繫，令項目整體進度一致。
5. 參照【科別範疇】\*專門行業以及整體建造業的發展，反思個人及事業發展方向。

備註：

\* 【科別範疇】分別為：屋宇裝飾／電力裝置／機械設備／水務裝置／建築結構

4.3 Programme Structure (including 5 streams: Building Decoration, Electrical Installation, Plant Installation & Maintenance, Plumbing Installation, and Structural Works) 課程結構 (包括五個科別：屋宇裝飾，電力裝置，機械設備，水務裝置及建築結構)

單元	資歷學分
<b>所有科別共修單元</b>	
專門行業打理人的角色與專業操守	148
安全與風險管理	
香港建築與建造發展	
工料量度及投標	
協調與溝通	
人力資源管理	
數碼科技應用	
建造業法例與合約管理	
財務管理	
項目與工地管理	
建造業科技應用	
環保及可持續發展	
建築信息模擬—模型建構	
建造業商務文書寫作	
工程報告編撰與演示技巧	
建造業實務普通話	
Workplace Oral Presentations	
Reading Workplace Materials	
Workplace Writing	
建造業數學：統計	
建造業管理數學	
建造業多媒體製作與應用	
<b>「屋宇裝飾」科別專修單元</b>	
屋宇裝備系統(B)	72
建築裝飾	
屋宇建造技術	
屋宇工程協調與分判	
《建築物條例》與屋宇署作業備考	
工程項目交付管理	
畢業專題習作	
<b>總計</b>	<b>220</b>
<b>「電力裝置」科別專修單元</b>	
電學原理	72
屋宇裝備系統(A)	
自動化控制系統	
電力系統	

能源效益與管理	
智能大廈電機系統	
畢業專題習作	
<b>總計</b>	<b>220</b>
<b>「機械設備」科別專修單元</b>	
機械系統與設備安裝	
起重機械與設備檢查	
起重機械操作測試與檢驗	
起重機械安全裝置	
機械維護管理	
起重操作的策劃	
畢業專題習作	
<b>總計</b>	<b>72</b>
<b>「水務裝置」科別專修單元</b>	
樓宇供水系統設計	
消防系統設計	
排水系統設計	
淡水冷卻系統、游泳池及噴泉系統設計	
水務系統測試及維修	
水務設施法定要求與程序	
畢業專題習作	
<b>總計</b>	<b>72</b>
<b>「建築結構」科別專修單元</b>	
建造技術	
材料科學與混凝土技術	
建築結構工程協調與分判	
結構分析	
鋼筋混凝土結構與設計	
臨時性工程設計	
畢業專題習作	
<b>總計</b>	<b>72</b>
<b>總計</b>	<b>220</b>

#### 4.4 Graduation Requirements 畢業要求

學生須符合以下要求方可被視為成功完成課程：

- (a) 每學年整體出席率達 80%；
- (b) 完成課程的所有單元及取得相關學分；及
- (c) 完成 30 小時義工服務及 60 小時運動訓練。

#### 4.5 Admission Requirements 收生條件

- (a) 持有建造業議會香港建造學院相關科別的《建造文憑》（指定行業）；
- (b) 正在相關行業工作；
- (c) 為香港合法居民及可在香港受僱；
- (d) 持有有效平安卡；及
- (e) 持有有效的相關銀卡（如適用）

## **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](http://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](http://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](http://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: VA237/01/02, VA237/02/08

