



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

**SUMMARY ACCREDITATION REPORT**

**LODCO CREATIVE EDUCATION CENTRE**

**INITIAL EVALUATION AND  
LEARNING PROGRAMME ACCREDITATION**

**ADVANCED DIPLOMA IN LAND SURVEYING  
CERTIFICATE IN APPLICATION OF SURVEY  
DRAWING SOFTWARE  
CERTIFICATE IN CONSTRUCTION SAFETY  
SUPERVISOR**

**JANUARY 2025**

## **1. TERMS OF REFERENCE**

1.1 Based on the Service Agreement (No.: VA1829), 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 Lodco Creative Education Centre (樂高創意教育中心) (“Operator”), a branch of the Lodco Creative Centre Limited (樂高創意中心有限公司) 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 (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 programmes of the Operator meet the stated objectives and QF standards and can be offered as accredited programmes:
  - (i) Advanced Diploma in Land Surveying;
  - (ii) Certificate in Application of Survey Drawing Software;
  - (iii) Certificate in Construction Safety Supervisor; and
- (c) To issue to the Operator 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 between the accreditation panel and representatives of the Operator took place on 28 November 2024.

## **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 standards at Levels 1 to 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>	Lodco Creative Education Centre 樂高創意教育中心
<b>Address of Operator</b>	Room 201, 2/F., Sing Shun Centre, 495 Castle Peak Road, Cheung Sha Wan, Kowloon 九龍長沙灣青山道 495 號誠信中心 2 樓 201 室
<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 September 2025
<b>Scope of IE Accreditation Status</b>	For local programmes operating in Hong Kong

## Learning Programme Accreditation

### Advanced Diploma in Land Surveying

2.4 HKCAAVQ has determined that the Advanced Diploma in Land Surveying 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 2025 to 31 August 2028.

## 2.5 Validity Period

- 2.5.1 The validity period will, provided the Operator fulfils all pre-conditions to the commencement of validity period set out in 2.14, 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>	Lodco Creative Education Centre 樂高創意教育中心
<b>Name of Award Granting Body</b>	Lodco Creative Education Centre 樂高創意教育中心
<b>Title of Learning Programme</b>	Advanced Diploma in Land Surveying 土地測量高等文憑
<b>Title of Qualification(s) (Exit Award(s))</b>	Advanced Diploma in Land Surveying 土地測量高等文憑
<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>	77
<b>Mode(s) of Delivery and Programme Length</b>	Part-time, 18 months 770 notional learning hours (including 395 contact hours)
<b>Intermediate Exit Award(s)</b>	Not applicable
<b>Validity Period</b>	1 September 2025 to 31 August 2028
<b>Number of Enrolment(s)</b>	Two enrolments per year
<b>Maximum Number of New Students</b>	Maximum of 30 learners per year Maximum of 15 learners per class

<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>	Room 201, 2/F., Sing Shun Centre, 495 Castle Peak Road, Cheung Sha Wan, Kowloon 九龍長沙灣青山道 495 號誠信中心 2 樓 201 室

### Learning Programme Accreditation

#### Certificate in Application of Survey Drawing Software

2.7 HKCAAVQ has determined that the Certificate in Application of Survey Drawing Software meets the stated objectives and QF standard at Level 3, and can be offered as an accredited programme with a validity period from 1 September 2025 to 31 August 2027.

#### 2.8 **Validity Period**

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

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

<b>Name of Operator(s)</b>	Lodco Creative Education Centre 樂高創意教育中心
<b>Name of Award Granting Body</b>	Lodco Creative Education Centre 樂高創意教育中心
<b>Title of Learning Programme</b>	Certificate in Application of Survey Drawing Software 測量繪圖軟件應用證書
<b>Title of Qualification(s) (Exit Award(s))</b>	Certificate in Application of Survey Drawing Software

	測量繪圖軟件應用證書
<b>Primary Area of Study and Training</b>	Engineering and Technology
<b>Sub-area (Primary Area of Study and Training)</b>	Other Engineering, Related Technology and Services
<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 3
<b>QF Credits</b>	6
<b>Mode(s) of Delivery and Programme Length</b>	Part-time, 3 months 62 notional learning hours (including 32 contact hours)
<b>Intermediate Exit Award(s)</b>	Not applicable
<b>Validity Period</b>	1 September 2025 to 31 August 2027
<b>Number of Enrolment(s)</b>	Two enrolments per year
<b>Maximum Number of New Students</b>	Maximum of 50 learners per year Maximum of 25 learners per class
<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>	Room 201, 2/F., Sing Shun Centre, 495 Castle Peak Road, Cheung Sha Wan, Kowloon

	九龍長沙灣青山道 495 號誠信中心 2 樓 201 室
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## Learning Programme Accreditation

### Certificate in Construction Safety Supervisor

2.10 HKCAAVQ has determined that the Certificate in Construction Safety Supervisor meets the stated objectives and QF standard at Level 3, and can be offered as an accredited programme with a validity period from 1 September 2025 to 31 August 2027.

#### 2.11 **Validity Period**

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

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

<b>Name of Operator(s)</b>	Lodco Creative Education Centre 樂高創意教育中心
<b>Name of Award Granting Body</b>	Lodco Creative Education Centre 樂高創意教育中心
<b>Title of Learning Programme</b>	Certificate in Construction Safety Supervisor 建造業安全督導員證書
<b>Title of Qualification(s) (Exit Award(s))</b>	Certificate in Construction Safety Supervisor 建造業安全督導員證書
<b>Primary Area of Study and Training</b>	Architecture and Town Planning
<b>Sub-area (Primary Area of Study and Training)</b>	Construction Management
<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 3
<b>QF Credits</b>	9

<b>Mode(s) of Delivery and Programme Length</b>	Part-time, 3 months 90 notional learning hours (including 45 contact hours)
<b>Intermediate Exit Award(s)</b>	Not applicable
<b>Validity Period</b>	1 September 2025 to 31 August 2027
<b>Number of Enrolment(s)</b>	Two enrolments per year
<b>Maximum Number of New Students</b>	Maximum of 50 learners per year Maximum of 25 learners per class
<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>	Room 201, 2/F., Sing Shun Centre, 495 Castle Peak Road, Cheung Sha Wan, Kowloon 九龍長沙灣青山道 495 號誠信中心 2 樓 201 室

2.13 **Recommendation(s)**

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

<b>Recommendation(s)</b>
<p><b><u>Advanced Diploma in Land Surveying</u></b></p> <p><u>Recommendation 1</u></p> <p>The Operator should enrich the learning contents with practical knowledge of imaging techniques to enhance learners' readiness for employment in the industry.</p> <p><b><u>Certificate in Construction Safety Supervisor</u></b></p> <p><u>Recommendation 2</u></p>

The Operator should appoint additional external advisors with specialised expertise or substantial managerial experience in industrial or occupational safety and health to ensure that subject-specific inputs and the latest industry trends could be timely incorporated for continuous programme enhancement.

- 2.14 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 Lodco Creative Education Centre (the Operator), a branch of Lodco Creative Centre Limited, was established in 2015. The Operator provides vocational training programmes with a specialised focus on land surveying related fields.

### **4. PROGRAMME DETAILS**

The following is the programme information provided by the Operator.

- 4.1 Programme Objectives

#### **Advanced Diploma in Land Surveying**

The programme aims to train paraprofessionals on land surveying, equipping them with pragmatic knowledge and supervisory skills. This programme provides comprehensive theoretical knowledge and its integrated applications across diverse technical scenarios, enabling the learners to meet the industry needs and standards in Hong Kong.

Upon completion of the programme, learners will adeptly acclimate to the actual workplace settings to execute self-directed daily land surveying duties. In addition, learners should be able to supervise junior surveying technicians according to industry standards and report to chartered land surveyors in case of irregularities.

#### **Certificate in Application of Survey Drawing Software**

The programme aims at providing learners with the knowledge and skills to use BricsCAD for survey drawing and analysis. The programme covers the concepts and

principles of survey drawing and introduces the main features and functions of BricsCAD. Upon completion of the programme, learners will be able to create, edit, manipulate, and visualize survey data using BricsCAD.

### **Certificate in Construction Safety Supervisor**

According to Factories and Industrial Undertakings (Safety Officers and Safety Supervisors) Regulations, a principal contractor or a specialist contractor must employ one safety supervisor on each construction site with 20 or more workers. This programme provides specific training on safety and health for the learners aiming to become a safety supervisor.

#### 4.2 Programme Intended Learning Outcomes (PILOs)

### **Advanced Diploma in Land Surveying**

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

- PILO-1. Acquire and critically apply principles and procedural standards of land surveying to analyse and solve problems in routine and non-routine land surveying duties;
- PILO-2. Utilise technical drawing software, such as BricsCAD, to process and interpret surveying data, ensuring accuracy and adherence to project specifications;
- PILO-3. Operate common land surveying equipment by applying control and positioning techniques, and adapt to varying site conditions and specification requirements; and
- PILO-4. Demonstrate a broad knowledge base in land surveying and apply specialised knowledge to address practical and theoretical challenges at work.

### **Certificate in Application of Survey Drawing Software**

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

- PILO-1. Identify and use the basic functions and features of BricsCAD;
- PILO-2. Produce survey reports and maps using BricsCAD; and
- PILO-3. Apply quality control and error checking methods to survey drawings.

### **Certificate in Construction Safety Supervisor**

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

- PILO-1. Carry out the duties of safety supervisor according to construction industry related safety regulations and codes of practice; and assist employers and safety officers in implementing safety management of construction sites, and enhancing safety and health of construction workers;

- PILO-2. Assist employers and safety officers in assessing potential risks, and suggesting relevant safety measures and improvement actions that embrace compliance;
- PILO-3. Assist employers and safety officers in formulating and implementing relevant occupational health protection measures; and  
Apply the knowledge of safety management to assist in analysing common accidents in construction site and suggest proper preventive measures to ensure safety in work environment.

#### 4.3 Programme Structure

##### **Advanced Diploma in Land Surveying**

<b>Module</b>	<b>QF Credits</b>
M1. Principles and Techniques of Land Surveying	77
M2. Introduction to Imaging Techniques	
M3. Land Boundary Survey	
M4. Geodetic Survey	
M5. Construction Technology and Project Management	
M6. Engineering Survey	
M7. Hydrographic Survey and Underground Utility Survey	
M8. Application of Surveying Drawing Software	
M9. Introduction to BIM and Mapping	
M10. Construction Safety Supervision	
M11. Field Experience	
M12. Survey Computation and Adjustment	
<b>Total:</b>	77

##### **Certificate in Application of Survey Drawing Software**

<b>Topic</b>	<b>QF Credits</b>
Concept of Software Application in Surveying	6
CAD Capabilities with 2D and 3D Design	
Digital Cartography Techniques for Civil and Building Construction	
Practical Examination	
<b>Total:</b>	6

##### **Certificate in Construction Safety Supervisor**

Topic	QF Credits
Construction Safety	9
Safety Working System	
Safety Inspection	
Basic Occupational Health	
Basic Accidents Prevention	
Written Examination	
<b>Total:</b>	9

#### 4.4 Graduation Requirements

##### **Advanced Diploma in Land Surveying**

- Achieve 80% of overall attendance rate; and
- Pass all the assessment components of each module (50%).

##### **Certificate in Application of Survey Drawing Software**

- Achieve 80% of attendance rate; and
- Pass the assignment (50%); and
- Pass the practical examination (50%).

##### **Certificate in Construction Safety Supervisor**

- Achieve 80% of attendance rate; and
- Pass the assignment (50%); and
- Pass the examination (50%).

#### 4.5 Admission Requirements

##### **Advanced Diploma in Land Surveying**

- Attained Level 2/ Grade E in five HKDSE/ HKCEE subjects, including Chinese, English and Mathematics\*, and 1 year of working experience in the construction industry; or
- Completed Secondary 3 with 3 years working experience in construction industry, and pass the interview and test.

*\*M1 and/ or M2 of HKDSE Mathematics is not required.*

##### **Certificate in Application of Survey Drawing Software**

- Attained Level 2/ Grade E in five HKDSE/ HKCEE subjects; or
- 3 years working experience in construction industry, and pass the interview.

### **Certificate in Construction Safety Supervisor**

- Attained Level 2/ Grade E in five HKDSE/ HKCEE subjects; or
- 3 years working experience in construction industry, and pass the interview and Chinese test.

## **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.

**HKCAAVQ Report No.: 25/03**