Annex III

List of activities for which accreditation has been terminated

(Notification Letter No. HOKLAS104-107; Effective date of termination: 25 July 2024)

A.E.S. Destructive and Non-Destructive Testing Limited

安捷材料試驗有限公司

Flat 9, G/F, Block 2, Golden Industrial Building, 16-26 Kwai Tak Street, Kwai Chung, New Territories, Hong Kong

香港新界葵涌葵德街 16-26 金德工業大廈第二座地下 9 號

Calibration Services 校正服務		
ITEM TESTED OR MEASURED 測試或量度項目	**SPECIFIC TEST OR PROPERTY MEASURED[@]** 特定測試或量度的特性[@]	**CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*** 校準和測量能力*
The accreditation of the following calibrations has been terminated		
Construction materials testing equipment		
- Welding gauge calibrator set	Calibration in accordance with in-house method OP-54 for the following parameters :	
	Scale measuring step wedge: 1 mm to 25 mm	20 μm
	Scale measuring angle wedge: 20° to 90°	0.2°
Length and related quantities		
- Length		
- Extensometer		
- Class B-1, B-2, C, D and E for gauge length from 25 mm to 200 mm	On-site calibration for displacement using calibration rig and verification of class in accordance with ASTM E83: 2016 over the following range :	
	0.035 mm to 2.8 mm	1.6 μm

[@] Unless otherwise specified, accredited activities are conducted at the laboratory.

* The calibration uncertainty of a device under test, which is usually reported at 95% confidence level, depends on both the CMC of the laboratory and the performance of the device during calibration.

Annex III

List of activities for which accreditation has been terminated

(Notification Letter No. HOKLAS104-107; Effective date of termination: 25 July 2024)

A.E.S. Destructive and Non-Destructive Testing Limited
安捷材料試驗有限公司

Flat F, 2/F, Block 2, Kwai Tak Industrial Centre, 15-33 Kwai Tak Street, Kwai Chung, New Territories, Hong Kong
香港新界葵涌葵德街 15-33 葵德工業中心第二座二字樓 F

Construction Materials 建築材料		
ITEM TESTED OR MEASURED 測試或量度項目	**SPECIFIC TEST OR PROPERTY MEASURED** 特定測試或量度的特性	**SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED** 規範、標準方法或應用技術
The accreditation of the following tests has been terminated		
Structural fixings (fixing components)	Tensile proof load test of anchor bolts, cast-in fixings and channel inserts up to 1000 kN	BS 5080: Part 1: 1993 Cl. 6, 7.1.1 & 7.1.3 with modifications (by incremental loading) In-house method OP-16
	Tightening torque test of anchor bolts up to 1000 Nm	In-house method OP-79
	Tightening torque control method of fastener/nut assemblies up to 1000 kN	BS 4604-1: 1970 Cl. 4.3 BS 4604-2: 1970 Cl. 4.2

Annex II

List of activities for which accreditation has been terminated

(Notification Letter No. HOKLAS104-103; Effective date of termination: 14 June 2022)

A.E.S. Destructive and Non-Destructive Testing Limited

安捷材料試驗有限公司

Flat 9, G/F, Block 2, Golden Industrial Building, 16-26 Kwai Tak Street, Kwai Chung, New Territories, Hong Kong

香港新界葵涌葵德街 16-26 金德工業大厦第二座地下 9 號

Calibration Services 校正服務		
ITEM TESTED OR MEASURED 測試或量度項目	**SPECIFIC TEST OR PROPERTY MEASURED**[@] 特定測試或量度的特性[@]	**CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*** 校準和測量能力*
Accreditation for the following calibrations has been terminated.		
Mass and related quantities		
- Pressure		
- Hydraulic pressure indicating instrument and gauge	Calibration in accordance with BS EN 837-1: 1998 using deadweight tester over the following ranges :	
	0.2 bar to 10 bar above 10 bar to 1100 bar	0.02 bar 0.05 % of reading
	Calibration in accordance with BS EN 837-1: 1998 using digital pressure calibrator over the following ranges :	
	0.2 bar to 206 bar (water as pressure medium) 0.2 bar to 700 bar (mineral oil as pressure medium)	0.4 % of reading 0.4 % of reading

[@] Unless otherwise specified, accredited activities are conducted at the laboratory.

* The calibration uncertainty of a device under test, which is usually reported at 95% confidence level, depends on both the CMC of the laboratory and the performance of the device during calibration.

Annex III

List of activities for which accreditation has been terminated

(Notification Letter No. HOKLAS104-101; Effective date of termination: 10 February 2022)

A.E.S. Destructive and Non-Destructive Testing Limited

安捷材料試驗有限公司

Flat 9, G/F, Block 2, Golden Industrial Building, 16-26 Kwai Tak Street, Kwai Chung, New Territories, Hong Kong

香港新界葵涌葵德街 16-26 金德工業大廈第二座地下 9 號

Calibration Services 校正服務		
ITEM TESTED OR MEASURED 測試或量度項目	**SPECIFIC TEST OR PROPERTY MEASURED**[@] 特定測試或量度的特性[@]	**CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*** 校準和測量能力*
Accreditation for the following tests has been terminated.		
Length and related quantities		
- Length		
- Dial gauge	Calibration using micrometer head in accordance with Cl. B3 of BS 907: 1965 or Cl. A5 of AS 2103: 1978 over the following range :	
	Up to 50 mm	4.9 μm
- External micrometer	Calibration in accordance with App. A of BS 870: 1950 over the following range :	
	Up to 25 mm	2 μm
- Extensometer	On-site calibration in accordance with ISO 9513: 1999 using calibration rig for the following :	
	Class 1 for gauge length Up to 200 mm	0.8 μm
	On-site calibration in accordance with ASTM E83: 2002 using calibration rig for the following :	
	Class B-1, B-2, C, D and E for gauge length Up to 200 mm	0.8 μm

[@] Unless otherwise specified, accredited activities are conducted at the laboratory.

* The calibration uncertainty of a device under test, which is usually reported at 95% confidence level, depends on both the CMC of the laboratory and the performance of the device during calibration.

Annex III

List of activities for which accreditation has been terminated

(Notification Letter No. HOKLAS104-101; Effective date of termination: 10 February 2022)

A.E.S. Destructive and Non-Destructive Testing Limited

安捷材料試驗有限公司

Flat 9, G/F, Block 2, Golden Industrial Building, 16-26 Kwai Tak Street, Kwai Chung, New Territories, Hong Kong

香港新界葵涌葵德街 16-26 金德工業大廈第二座地下 9 號

Calibration Services 校正服務		
ITEM TESTED OR MEASURED 測試或量度項目	**SPECIFIC TEST OR PROPERTY MEASURED**[@] 特定測試或量度的特性[@]	**CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*** 校準和測量能力*
Accreditation for the following tests has been terminated.		
Mass and related quantities		
- Force measurements		
- Universal testing machine in compression mode	On-site calibration using follow-the-force method or set-the-force method in accordance with ASTM E4: 2002 over the following range : 0.4 kN to 3000 kN	0.3% (Calibration is conducted using elastic calibration devices)
- Hardness	On-site indirect verification for measuring Rockwell hardness in accordance with BS EN ISO 6508-2: 1999 over the following hardness ranges :	
- Hardness testing machine	20 HRC to 30 HRC 35 HRC to 55 HRC 60 HRC to 70 HRC	1.1 HRC 1.1 HRC 1.1 HRC
- Torque		
- Manually operated torque wrench	Calibration in accordance with BS EN 26789: 1994, ISO 6789: 1992 or in-house method OP-2 over the following ranges : from 1 Nm to 20 Nm from 20 Nm to 100 Nm from 100 Nm to 1000 Nm	0.24 Nm 1 % of reading 0.58 % of reading

[@] Unless otherwise specified, accredited activities are conducted at the laboratory.

* The calibration uncertainty of a device under test, which is usually reported at 95% confidence level, depends on both the CMC of the laboratory and the performance of the device during calibration.

Annex III

List of activities for which accreditation has been terminated

(Notification Letter No. HOKLAS104-89; Effective date of termination: 20 February 2017)

A.E.S. Destructive and Non-Destructive Testing Limited
安捷材料試驗有限公司

Flat F, 2/F, Block 2, Kwai Tak Industrial Centre, 15-33 Kwai Tak Street, Kwai Chung, New Territories, Hong Kong
香港新界葵涌葵德街 15-33 葵德工業中心第二座二字樓 F

Construction Materials 建築材料		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
The accreditation of the following tests has been terminated.		
Metallic materials	Hardness test of metallic materials – Rockwell hardness test – HRC	BS EN ISO 6508-1: 1999

Annex III

List of activities for which accreditation has been terminated

(Notification Letter: 104-66)

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
CONSTRUCTION MATERIALS 建築材料	Metallic materials	Axial tensile test, wedge tensile test and proof load test of fasteners in the force range of 1.1 kN to 1500 kN	BS EN ISO 898-1 : 1999 Cl. 8.1, 8.2, 8.5 & 8.6 BS EN ISO 3506-1 : 1998 Cl. 6.2.2 to 6.2.4 & 6.2.6
	Welds (destructive)	Tensile test on welds in metallic materials in the force range 1.1 kN – 1500 kN	BS 709: 1983
		Bend test on welds in metallic materials	BS 709: 1983
		Charpy V-notch impact test on welds in metallic materials	BS 709: 1983
		Vickers hardness test on welds in metallic materials in the scale of HV 5, HV 10	BS 709: 1983
		Macroscopic examination on welds in metallic materials	BS 709: 1983

Note:

1. The above tests have been voluntarily terminated with effect from 20 March 2014.

Annex III

List of activities for which accreditation has been terminated

(Notification Letter: 104-65)

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	CALIBRATION AND MEASUREMENT CAPABILITY* 校準和測量能力*
CALIBRATION SERVICES 校正服務	Mechanical metrology measurements (cont'd)		
	- Dimensional measurements		
	- Foil	Calibration of foil thickness in accordance with in-house method OP-75 over the following ranges :	
		Up to 14 μm	1.6%
		Above 14 μm to 25 μm	2.4%
		Above 25 μm to 1500 μm	1.6%
	- Height gauge	Measurement of deviation of reading of height gauge (vernier and electronic) in accordance with Cl. A2 of BS 1643: 1983 over the following range:	±5.8 μm
		Up to 300 mm	

Note:

1. The above tests have been voluntarily terminated with effect from 27 February 2014.

Annex III (cont'd)

List of activities for which accreditation has been terminated

(Notification Letter: 104-65)

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
CONSTRUCTION MATERIALS 建築材料	Metallic materials	Axial tensile strength test of fasteners in the force range of 1.1 kN to 1500 kN	BS 3692: 1967 App. D.1 & D.2 BS 4190: 1967 App. A.1 & A.2 BS EN 20898-1: 1992 Cl. 8.1 & 8.2
		Axial tensile test, wedge tensile test and proof load test of fasteners in the force range of 1.1 kN to 1500 kN	BS 3692: 1967 App. D.6 & D.7 BS 4190: 1967 App. A.6 & A.7 BS 4395: Part 1: 1969 App. B.1, B.5 & B.6 BS 4395: Part 2: 1969 App. B.1, B.5 & B.6 BS 4395: Part 3: 1973 App. A.1, A.5 & A.6 BS 6105: 1981 Cl. 6.2 to 6.4 BS EN 20898-1: 1992 Cl. 8.4 & 8.5
		Proof load test of nuts in the force range of 1.1 kN to 1500 kN	BS 3692: 1967 App. E.1 BS 4190: 1967 App. B.1 BS 4395: Part 1: 1969 App. C.1 BS 4395: Part 2: 1969 App. C.1 BS 4395: Part 3: 1973 App. C.1 BS 6105: 1981 Cl. 6.6
		Tensile test of weldable structural steel sections in the force range of 1.1 kN to 1500 kN	BS 4360: 1986

Note:

2. The above tests have been voluntarily terminated with effect from 27 February 2014.