SINGAPORE LABORATORY ACCREDITATION SCHEME

Accredited Laboratory SAC-SINGLAS

Schedule

Element Construction Testing (S) Pte. Ltd.
35A Tanah Merah Coast Road
Singapore 498714

Certificate No. : LA-2008-0422-B-7

Issue No. : 2

Date : 8 September2026

Expiry of Certificate : 11 September 2030

ACCREDITATION STANDARD: ISO/IEC 17025:2017
FIELD OF TESTING : Civil Engineering Testing

MATERIALS / PRODUCTS TESTED	TESTS / PROPERTIES	STANDARD METHODS / TECHNIQUES / EQUIPMENT
A. CONCRETE Hardened concrete	1. Compressive strength of cubes	BS EN 12390-3:2019
	2. Compressive strength of core/cylinder	BS EN 12504-1:2019
	3. Water absorption	BS 1881-122:2011+A1:2020
	4. Depth of penetration of water under pressure	BS EN 12390-8:2019
	5. Electrical indication of concrete's ability to resist chloride ion penetration	ASTM C1202-25
	6. Coefficient of permeability (Darcy's theory - HDB test method)	EL-A-OP-CMT-SIN-MD217 Issue 1 June 2023
B. REINFORCING BARS	1. Tensile	BS EN ISO 15630-1:2019 (SS 560:2016(2024)+A1:2024)
	2. Bend	BS EN ISO 15630-1:2019 (SS 560:2016(2024)+A1:2024)
	3. Rebend	BS EN ISO 15630-1:2019 (SS 560:2016(2024)+A1:2024)
	4. Bond (surface geometry)	BS EN ISO 15630-1:2019 (SS 560:2016(2024)+A1:2024)
C. COUPLERS	1. Static tensile and ductility	ISO 15835-2:2018
	2. Permanent elongation / slip	ISO 15835-2:2018
C. COUPLERS	3. Control bar	SS 560:2016(2024)+A1:2024

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MATERIALS / PRODUCTS TESTED	TESTS / PROPERTIES	STANDARD METHODS / TECHNIQUES / EQUIPMENT
D. WELDED MESH	1. Tensile	BS EN ISO 15630-2:2019 (SS 561:2010(2022))
	2. Rebend	BS EN ISO 15630-2:2019 (SS 561:2010(2022))
	3. Shear	BS EN ISO 15630-2:2019 (SS 561:2010(2022))
	4. Bend	SS 427:1991

Approved Signatories:

S/N	Name		Scope
1.	Ms Sherly Wijaya	-	For all accredited tests.
2.	Mr Wee Chip Kai	-	For accredited tests under Section A.
3.	Ms Fairuz Nabilah Binte Muzafar	-	For accredited tests under Section A1.
4.	Mr Chan Lee Wei	-	For accredited tests under Section A.
6.	Mr Jason Foo Chee Seng	-	For accredited tests under Section B, C & D
7.	Mr Neo Kia Boon	-	For accredited tests under Section B, C & D.
8.	Ms Nur Shafiqah Binte Sa'adon	-	For accredited tests under Section A1.

Note :

This laboratory is accredited in accordance with the recognised International Standard ISO/IEC 17025:2017. A laboratory's fulfilment of the requirements of ISO/IEC 17025:2017 means the laboratory meets both the technical competence requirements and **management system requirements** that are necessary for it to consistently deliver technically valid test results. The **management system requirements** in ISO/IEC 17025:2017 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001

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