ACCREDITATION SCHEME
FOR INSPECTION BODIES

SAC Accredited Inspection Body

Schedule

Element Geotechnical Testing (S) Pte Ltd
215 Kaki Bukit Avenue 1
Shun Li Industrial Park
Singapore 416042

Certificate No. : IB-2017-161-F

Issue No. : 9

Date : 6 October 2025

Expiry of Certificate : 9 October 2029

Inspection Field : Site Investigation and Instrument Monitoring

Type A Inspection Body

TYPE OF PRODUCT	TYPE AND RANGE OF INSPECTION	INSPECTION METHOD, CODES OR STANDARDS USED
1. Soil	Site Investigation	BS 5930:2015+A1:2020 BS EN ISO 22475-1:2021
	Identification, description and classification	BS 5930:2015+A1:2020 BS EN ISO 14688-1:2018 BS EN ISO 14688-2:2018
	a) Stationary Piston Sampler	BS 5930:2015+A1:2020 BS EN ISO 22475-1:2021
	b) Open Thin Wall Sampler	BS 5930:2015+A1:2020 BS EN ISO 22475-1:2021
	c) Mazier Sampler	BS 5930:2015+A1:2020 BS EN ISO 22475-1:2021
	Under Functional Testing a) Standard Penetration Test	BS 5930:2015+A1:2020 BS EN ISO 22476-3:2005+A1:2011
	b) Vane Shear Test	BS EN ISO 22476-9:2020
	c) Pressuremeter Test	BS EN ISO 22476-8 : 2018
	d) Permeability Test	BS 5930: 2015+A1: 2020 Section 48 BS EN ISO 22282-1:2012 BS EN ISO 22282-2:2012

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TYPE OF PRODUCT	TYPE AND RANGE OF INSPECTION	INSPECTION METHOD, CODES OR STANDARDS USED
	e) Cone Penetration Test	ASTM D5778-12 BS EN ISO 22476-1:2023
2. Rock	Site Investigation	BS 5930:2015+A1:2020 BS EN ISO 22475-1:2021
	Identification, description and classification	BS 5930 : 2015+A1:2020 BS EN ISO 14689:2018
	Under Undisturbed Sampling a) Rock Core Barrel	BS 5930: 2015+A1:2020 BS EN ISO 22475-1:2021
	Under Functional Testing a) Packer Test	BS EN ISO 22282-3:2012
	b) Pressuremeter Test	BS EN ISO 22476-8 : 2018
3. Geotechnical Borehole Instrumentation and Monitoring	Measurement of Displacement a) Magnetic Extensometer b) Rod Extensometer c) Tape Extensometer	ISO 18674-2:2016 BS 5930:2015+A1:2020
	d) Inclinometer	ISO 18674-3:2017+A1:2020 BS 5930:2015+A1:2020
	e) Tiltmeter	ISO 18674-1: 2015
	Measurement of Water Pressure a) Vibrating Wire Piezometer	ISO 18674-4:2020 BS 5930:2015+A1:2020
	b) Casagrande Piezometer c) Total Pressure Cell	ISO 18674-5: 2019
	Ground Water Measurement a) Water Standpipe	ISO 22475-1:2021 ISO 18674-1:2015 BS 5930:2015+A1:2020
	Geodetic Measurement a) Total Station b) Digital Level	ISO 18674-1:2015
4. Instrumentation and Monitoring Struts	Vibration Measurement a) Vibration Meter	ISO 18674-1:2015
	Measurement of Force a) Strain Gauge	ISO 18674-1:2015

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TYPE OF PRODUCT	TYPE AND RANGE OF INSPECTION	INSPECTION METHOD, CODES OR STANDARDS USED
	b) Load Cell Measurement of Movement or Rotation a) EL Beam	ISO 18674-8: 2023 EGT In-house method EL-A-OP-GEO-SIN-MD112A Iss 1

Approved signatories

Er Tan Chin Gee - For item 1 and 2
Ng Tze Chiat - For items 3 and 4

Note:

An inspection body's fulfilment of the requirements of ISO/IEC 17020:2012 means the Inspection body meets both the technical competence requirements and **management system requirements** that are necessary for it to consistently deliver technically valid inspection results. The **management system requirements** in ISO/IEC 17020:2012 (Section 8) are written in language relevant to inspection body operations and are aligned with the pertinent requirements of ISO 9001.

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