

Schedule

Issue date: 07 April 2025
Valid Until: -



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LABORATORY LOCATION/ CENTRAL OFFICE:	NSCI Laboratory, Negeri Sembilan Cement Ind. Sdn Bhd. Bukit Ketri, Mukim Chuping Kangar , 02450, TERENGGANU MALAYSIA
	
ACCREDITED SINCE :	07 APRIL 2025
FIELD(S) OF TESTING:	MECHANICAL CHEMICAL

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 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 and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

CENTRAL LOCATION:	NSCI Laboratory, Negeri Sembilan Cement Ind. Sdn Bhd. Bukit Ketri, Mukim Chuping Kangar , 02450, Terengganu
FIELD(S) OF TESTING :	MECHANICAL, CHEMICAL

SCOPE OF TESTING : MECHANICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Cement	Setting time: Initial, minutes Final, minutes	MS EN 196-3:2022 Clause 6 Vicat apparatus
	Soundness, mm	MS EN 196-3:2022 Clause 7 Le Chatelier apparatus
	Standard Consistence of Water, %	MS EN 196-3:2022 Clause 5 Vicat apparatus
	Fineness, cm ² /g	MS EN 196-6:2021 Clause 4 Blaine Method

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Masonry Cement	Compressive Strength: Mortar prism, MPa	MS EN 196-1: 2021
	Residue on 45 and 90 microns, %	MS EN 196-6:2021 Clause 5
	Standard Consistence of masonry mortar	MS EN 413-2:2021 Clause 5
	Water retention: standard mortar, %	MS EN 413-2:2021 Clause 6
	Air content: standard mortar, %	MS EN 413-2:2021 Clause 7
	Compressive Strength: Mortar prism, MPa	MS EN 196-1:2021

SCOPE OF TESTING : CHEMICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Cement	% Loss on ignition	MS EN 196-2:2020 Clause 4.4.1
	% Sulphuric anhydride	MS EN 196-2:2020 Clause 4.4.2
	% Insoluble residue	MS EN 196-2:2020 Clause 4.4.3
	% Chloride	MS EN 196-2:2020 Clause 4.5.16

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