

Schedule

Issue date: 06 April 2025
Valid Until: -



NO: SAMM 452

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LABORATORY LOCATION/ CENTRAL OFFICE:	Slag Cement Sdn Bhd, Westport Lot 55709, Dry Bulk Terminal 2 Jalan Teratai 2, Pulau Indah 42009 Westport, Selangor , 42009, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	06 APRIL 2025
FIELD(S) OF TESTING:	CHEMICAL MECHANICAL

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:	Slag Cement Sdn Bhd, Westport Lot 55709, Dry Bulk Terminal 2 Jalan Teratai 2, Pulau Indah 42009 Westport, Selangor , 42009, Selangor
FIELD(S) OF TESTING :	CHEMICAL, MECHANICAL

SCOPE OF TESTING : CHEMICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Clinker	None	None
	None	None
	% Magnesium Oxide (MgO)	MS EN 196-2:2020, Clause 5
	(Na ₂ O & K ₂ O)	Clause 17.1
Ground Granulated Blastfurnace Slag (ggbs) Cements	1 % Silica (SiO ₂) % Calcium Oxide (CaO)	MS EN 196-2:2020, Clause 5 MS EN 196-2:2020, Clause 5

SCOPE OF TESTING : MECHANICAL

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
(ggbs)	Fineness -" Blaine Method	MS EN 196-6:2021, Clause 4
	1 Fineness -" Blaine Method (m2/kg)	BS EN 196-6:2018, Clause 4
	1. Fineness -" Blaine Method (m2/kg)	BS EN 196-6:2018, Clause 4 (Ref. SS 544: Part 2:2014, Annex
	None	None
	None	None
Blastfurnace Slag	None	None
	None	None
	None	None
	None	None
	None	None
Cements	None	None
	None	None
	None	ZZC)
	None	None
	None	None
	Loss on ignition (%)	MS EN 196-2:2007, clause 7
	Insoluble residue (IR) (%)	MS EN 196-2:2007, clause 9
	Silica (SiO2) (%)	MS EN 196-2:2007, clause 13.5
	Aluminium Oxide (%)	MS EN 196-2:2007, clause 13.11
	Iron Oxide (%)	MS EN 196-2:2007, clause 13.10
	Calcium oxide (CaO) (%)	MS EN 196-2:2007, clause 13.14
	Magnesium Oxide (%)	MS EN 196-2:2007, clause 13.15
	Sulfate as SOs (%)	MS EN 196-2:2007, clause 8
	Sodium Oxide (%)	MS EN 196-2:2007, clause 17
	Potassium oxide (%)	MS EN 196-2:2007, clause 17
	Chloride (%)	MS EN 196-2:2007, clause 14
	Free lime (%)	National Annex ND
	Fineness (cm2/g)	MS EN 196-6:2007, clause 4 (Using Blaine Method)
	Residue on 90 microns (%)	MS EN 196-6:2007, clause 3
	Residue on 45 microns (%)	National Annex NA
	Standard consistency (%)	MS EN 196-3:2007, clause 5
	Setting time: Initial (minutes) Final (minutes)	MS EN 196-3:2007, clause 6 (Using Vicat apparatus)
	Soundness (mm)	MS EN 196-3:2007, clause 7
	Compressive strength (MPa)	MS EN 196-1:2007
Ground Granulated	Physical Propertie	None
	Physical	None
	Physical Propertie	None
	Chemical Propertie:	None
	Chemical Propertie:	None

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