

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 181

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LABORATORY LOCATION/ CENTRAL OFFICE:	Kedah Cement Sdn. Bhd., Pasir Gudang Lot 2, Jalan Kontena Kawasan Pelabuhan Johor 81700 Pasir Gudang, Johor , 81700, JOHOR MALAYSIA
	
ACCREDITED SINCE :	25 MARCH 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:	Kedah Cement Sdn. Bhd., Pasir Gudang Lot 2, Jalan Kontena Kawasan Pelabuhan Johor 81700 Pasir Gudang, Johor , 81700, Johor
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
Cement	Potassium Oxide (K ₂ O)	None
Ground Granulated Blastfurnace Slag	Calcium Oxide (CaO)	None
Cement (cont.)	12) Total Alkali (Na ₂ O &	BS EN 196-2: 2013 Clause 4.5.19
Clinker	Alumina	SOP-QCD-PGP-066 for the chemical
	None	None
	None	None
	% Magnesium Oxide (MgO)	MS EN 196-2:2020, Clause 5
	(Na ₂ O & K ₂ O)	Clause 17.1
Gypsum	Ferric Oxide	analysis by XRF technique (fused bead)

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Sulfate Content (as SOs)	MS EN 196-2:2007 Clause 8
Limestone	Magnesia (MgO)	None
Pulvarised Fly Ash	Sulphate (SOs)	None

SCOPE OF TESTING : MECHANICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Blastfurnace Slag	None	None
	1) Fineness	BS EN 196-6: 2018
	None	None
	None	None
	None	None
	None	None
	None	None
Cement	Chemical Propertie:	None
	Silica (SiO ₂)	In-house test method
	Physical	None
	Physical Properties:	None
	Insoluble Residue	MS EN 196-2:2020 Clause 4.4.3
	% LOI	MS EN 196-2: 2020, Clause 4.4.1
	Soundness	MS EN 196-3: 2007, Clause 7
	Specific Surface Area (cm ² /g)	(Using Blaine Apparatus)
	% Insoluble Residue (IR)	MS EN 196-2:2007 Clause 9
	% Sulfuric Anhydrite (SOs)	MS EN 196-2:2007 Clause 8
	% Chloride (Cl)	MS EN 196-2:2007 Clause 14
	None	None
	Determination of strength	MS EN 196-1:2021
	Fineness (Blaine Method)	MS EN 196-6: 2021 Clause 4
	Silica oxide (SiO ₂) Aluminium oxide (Al ₂ O ₃) Ferric oxide (Fe ₂ O ₃)	MS EN 196-2: 2007 Clause NA 12 (X-ray fluorescence analysis)
	Fineness	Clause 4 (Blaine apparatus)
	Flexural Strength	BS EN 196 -" 1: 2016 Clause 9.1
	Flexural Strength	BS EN 196 -" 1: 2016 Clause 9.1
	None	BS EN 196-3:2016
	None	BS EN 196-3:2016
Ground Granulated	Chemical properties	None
	None	None
	Physical Propertie	None
	Physical	None
	Physical Propertie	None
	Chemical Propertie:	None
	Chemical Propertie:	None

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