

Schedule


Issue date: 28 July 2025
Valid Until: -



NO: SAMM 950

(Issue 2, 28 July 2025 replacement
of SAMM 950 dated 06 April 2025)

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LABORATORY LOCATION/ CENTRAL OFFICE:	Leon Inspection Testing Services Sdn. Bhd. 46, Jalan Gebeng 1/24 Bandar Industri Gebeng Jaya 26080 Kuantan, Pahang , 26080, PAHANG MALAYSIA
	
ACCREDITED SINCE :	28 JULY 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:	Leon Inspection Testing Services Sdn. Bhd. 46, Jalan Gebeng 1/24 Bandar Industri Gebeng Jaya 26080 Kuantan, Pahang , 26080, Pahang
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
Bauxite	Moisture content	ISO 9033:1989 (E) Edition
	Hygroscopic Moisture-Gravimetric method	ISO 8557:1985 (E) 1% Edition
	Silicon content-Combined gravimetric & spectrometric method	ISO 6607:1985 Part 2
	Aluminium content- EDTA titrimetric method	ISO 6994:1986 (E) Edition
	Iron content -" Titrimetric method	ISO 6609:1985 Part 2
	Loss on mass at 1075°C gravimetric method	ISO 6606:1986 Part 2
	Total Moisture as TM	ISO 9033:1989 (E) 1% Edition

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	Hygroscopic Moisture	ISO 8557:1985 (E) 1% Edition
	Silica as SiO ₂	ISO 6607:1985 Part 2
	Alumina as	ISO 6994:1986 (E) 1% Edition
	Oxide as Fe ₂ O ₃	ISO 6609:1985 Part 2
	Loss on Ignition	ISO 6606:1986 Part 2
Fine Aggregates (river Sand)	Water (Moisture) content	ASTM D2216-19
	Soundness	IS 2386 (Part-5):1963
	Water soluble & acid soluble chloride and acid soluble chloride in	IS 14959 (Part-1):2001
	a) Specific gravity & water absorption b) Determination of bulk density & voids	IS 2386 (Part-3):1963 (Reaffirmed 2002)
	a) Determination of clay lump	IS 2386 (Part-2):1963
Iron Ore	Moisture content	ISO 3087:2020 (E) Edition
	Hygroscopic Moisture method 2-karl Fischer volumetric	ISO 2596:2006 (E) 1% Edition
	Total Iron	ISO 2597-2:2019 (E) 2-nd Edition
	Silica content	ISO 2598-1:1992 (E) Edition
	Aluminium content - EDTA titrimetric method	ISO 6830-1986 (E) Edition
	Phosphorous content -" Titrimetric method	ISO 2599:2003 (E) 3rd Edition
	Sulphur content -" Barium sulfate gravimetric method	ISO 4689-3:2004 (E) Edition
	Alumina	GB/T 6730.62 -" 2005
	Total Moisture as TM	ISO 3087:2020 (E) Edition
	Hygroscopic Moisture	ISO 2596:2006 (E) - Karl Fisher Volumetric Method 2
	Iron as Fe	ISO 2597-2:2019 (E) 3rd Edition
	Silica as SiO ₂	ISO 2598-1:1992 (E) 1% Edition
	Alumina as	ISO 6830-1986 (E) Edition
	Phosphorous as P	ISO 2599:2003 (E) Edition
	Sulphur as S	ISO 4689:1986 (E) 1st Edition

SCOPE OF TESTING : MECHANICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
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