

Schedule


Issue date: 06 March 2024
Valid Until: 04 December 2025



NO: SAMM 803

(Issue 1, 06 March 2024 replacement
of SAMM 803 dated 06 March 2024)

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LABORATORY LOCATION/ CENTRAL OFFICE: 	MARDEC Rubber and Effluent Testing Laboratory, MARDEC Processing Sdn. Bhd. Batu 5, Peti Surat 6 28407 Mentakab, Pahang , 28407, PAHANG MALAYSIA
ACCREDITED SINCE :	12 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:	MARDEC Rubber and Effluent Testing Laboratory, MARDEC Processing Sdn. Bhd. Batu 5, Peti Surat 6 28407 Mentakab, Pahang , 28407, Pahang
FIELD(S) OF TESTING :	CHEMICAL, MECHANICAL

SCOPE OF TESTING : CHEMICAL

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Rubber Processing Effluent	Ammoniacal Nitrogen	DOE (M) (REF) (2019, 4th Edition)
	Biochemical Oxygen Demand (BOD ₃)	DOE (M) (REF) (2019, 4th Edition) DOE (M) (ALT) (2019, 4th Edition)
	Chemical Oxygen Demand (COD)	DOE (M) (REF) (2019, 4th Edition) DOE (M) (ALT) (2019, 4th Edition)
	Suspended Solids	DOE (M) (REF) (2019, 4th Edition))
	Total Nitrogen	APHA 4500-H+ B (2017, 23rd Edition)
	pH	APHA 2540 B (2017, 23rd Edition)
	Total solids	APHA 2540 D (2017, 23rd Edition) APHA 2540 E (2017, 23rd Edition)
	Volatile Suspended Solids	
Smr Testing	Chemical Test	
Raw, Dry Natural Rubber	Acetone extract	SMR Bulletin No. 7, Revised Edition 2018, Part D.1
	Dirt	SMR Bulletin No. 7, Revised Edition 2018, Part B.2
	Ash	SMR Bulletin No. 7, Revised Edition 2018, Part B.4
	Nitrogen	SMR Bulletin No. 7, Revised Edition 2018, Part B.5
	Volatile Matter	SMR Bulletin No. 7, Revised Edition 2018, Part B.3

SCOPE OF TESTING : MECHANICAL

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Smr Testing Raw, Dry Natural Rubber	Rapid Plasticity and Plasticity Retention Index (PRI)	SMR Bulletin No. 7, Revised Edition 2018, Part B.6
	Mooney Viscosity	SMR Bulletin No. 7, Revised Edition 2018, Part B.7

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