Issue date: 07 August 2025
Valid Until: -

NO: SAMM 671
(Issue 2, 07 August 2025 replacement
of SAMM 671 dated 07 August 2025)

LABORATORY LOCATION/ CENTRAL OFFICE:	Fibre and Biocomposite Centre (FIDEC), Malaysian Timber Industry Board (MTIB) Lot 152 Jalan 4, Kompleks Perabot Olak Lempit 42700 Banting, Selangor , 42700, SELANGOR MALAYSIA
ACCREDITED SINCE :	07 AUGUST 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:	Fibre and Biocomposite Centre (FIDEC), Malaysian Timber Industry Board (MTIB) Lot 152 Jalan 4, Kompleks Perabot Olak Lempit 42700 Banting, Selangor , 42700, 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**
Building Board	Determination of Formaldehyde Emission by Desiccator Method	JIS A 1460: 2015
Plywood	Determination of Formaldehyde Emission by Desiccator Method	JAS 638: 2018 MTIB-CB-PS-01: 05/2013 (Rev 6) Appendix D
Wood-based Panel	Determination of Formaldehyde Emission by Desiccator Method	ISO 12460-4: 2016 MS 1787: PART 15: 2022

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Determination of Formaldehyde Emission: Perforator Method	BS EN 120: 1992 MS 1787: PART 14: 2022 ISO 12460-5: 2015 EN 322: 1993 ISO 16979: 2003
	Determination of Formaldehyde Emission: Gas Analysis Method	BS EN 717- 2: 1995 ISO 12460-3: 2020

SCOPE OF TESTING : MECHANICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Furniture - Domestic Tables	Safety, Static, Strength, Durability, Impact and Stability of Domestic Tables	BS EN 12521: 2015 BS EN 1730: 2012
Furniture - Domestic Chair	Safety, Static, Strength, Durability, Impact and Stability of Domestic Chair	BS EN 12520: 2015 BS EN 1022: 2018 BS EN 1728: 2012
Furniture -” Educational Tables	Safety, Static, Impact, Stability, Strength and Durability of Educational Tables	BS EN 1729-2: 2012+A1: 2015 BS EN 1730: 2012
Particleboards And Fibreboards	Determination of Swelling in Thickness After Immersion in Water	BS EN 317:1993
	Determination of Tensile Strength Perpendicular to The Plane of The Board	BS EN 319:1993
Furniture -“ Educational Chair	Safety, Stability, Strength and Durability of Educational Chair	BS EN 1729-2: 2012+A1: 2015 BS EN 1730: 2012
Wood-based Panels	Determination of modulus of elasticity in bending and of bending strength	MS 1787: PART 10: 2005
	Surface Soundness -” Test Method	BS EN 311: 2002
	Determination of Tensile Strength Perpendicular to The Plane of The Panel	ISO 16984: 2003 MS 1787: PART 11: 2005
	Determination of Moisture Content.	MS 1787: PART 4: 2005
	Determination of Density	MS 1787: PART 5: 2005
	Determination of Swelling in Thickness After Immersion in Water	ISO 16983: 2003 MS 1787: PART 6: 2005

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Determination of Surface Soundness	ISO 16981: 2003 MS 1787: PART 9: 2005
	Determination of Wet Bending Strength.	MS 1787: PART 12: 2005
	Determination of Wet Bending Strength After Immersion in Water at 70°C or 100 °C (Boiling Temperature)	ISO 20585: 2005
	Determination of modulus of elasticity in bending and of bending strength	BS EN 310: 1993 (exclude sampling) ISO 16978: 2003
	Determination of Density	BS EN 323: 1993 ISO 9427: 2003
	Determination of Moisture Content	BS EN 322: 1993 ISO 16979: 2003
Plywood	Bonding Quality	BS EN 314-1: 2004 BS EN 314-2: 1993 ISO 12466-1: 2007 ISO 12466-2: 2007
	Determination of Moisture Content	MTIB-CB-PS-01: 01/2013 (Rev 6) Appendix A
	Determination of Shear Strength WBP and MR Plywood	MTIB-CB-PS-01: 01/2013 (Rev 6) Appendix B
	Determination of Bending Strength	MTIB-CB-PS-01: 01/2013 (Rev 6) Appendix C