


NO: SAMM 923(Issue 1, 10 May 2022 replacement
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LABORATORY LOCATION/ CENTRAL OFFICE:	SEM Laboratory, Universiti Tenaga Nasional (UNITEN) Pengaruh Pusat Inovasi dan Pengurusan Penyelidikan Tingkat 3, Bangunan Pengurusan Universiti Tenaga Nasional Jalan IKRAM- UNITEN 43000 Kajang, Selangor , 43000, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	25 FEBRUARY 2025
FIELD(S) OF TESTING:	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:	SEM Laboratory, Universiti Tenaga Nasional (UNITEN) Pengaruh Pusat Inovasi dan Pengurusan Penyelidikan Tingkat 3, Bangunan Pengurusan Universiti Tenaga Nasional Jalan IKRAM- UNITEN 43000 Kajang, Selangor , 43000, Selangor
FIELD(S) OF TESTING :	MECHANICAL,

SCOPE OF TESTING : MECHANICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Conductive And Non- Conductive Materials	Imaging and Qualitative Elemental Mapping Analysis	Scanning Electron Microscopy (SEM) Energy Dispersive Spectroscopy Analysis (EDS) With reference to ASTM E1508-12a