

# Schedule

Issue date: 26 March 2025  
Valid Until: -



NO: SAMM 427

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<b>LABORATORY LOCATION/ CENTRAL OFFICE:</b>	Transformer Oil Lab & Services Sdn Bhd No. 17 & 19, Jalan Astaka U8/83, Bukit Jelutong Business & Technology Centre, 40150 Shah Alam, Selangor , 40150, SELANGOR MALAYSIA
	
<b>ACCREDITED SINCE :</b>	26 MARCH 2025
<b>FIELD(S) OF TESTING:</b>	CHEMICAL

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).

<b>CENTRAL LOCATION:</b>	Transformer Oil Lab & Services Sdn Bhd No. 17 & 19, Jalan Astaka U8/83, Bukit Jelutong Business & Technology Centre, 40150 Shah Alam, Selangor , 40150, Selangor
<b>FIELD(S) OF TESTING :</b>	CHEMICAL,

## SCOPE OF TESTING : CHEMICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Mineral Insulating Oil	Breakdown voltage	IEC 60156:2018
	Water content	IEC 60814:1997 (Clause 2)
	Interfacial tension	ASTM D971: 12
	Gases (except propane and propylene) dissolved in oil	ASTM D3612:02 (2017) (Method C)
	Acid number	ASTM D974:2014
	Flash point	ISO 2719:2016 (Procedure C)
	Density	ISO 3675:1998
	Sediment	IEC 60422: 2013 (Annex C)
	Color	ASTM D1500:2017
	2-Furfural and related compounds	IEC 61198:1993
DBPC anti-oxidant content	IEC 60666:2010	

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<b>Material / Product Tested</b>	<b>Type Of Test / Properties Measured / Range Of Measurement</b>	<b>Standard Test Methods / Equipment / Techniques</b>
Mineral Insulating Oil (continue)	Dissolved Copper (Cu)	ASTM D3635:01(2013) (Procedure A)
	Corrosive Sulfur (Cu)	ASTM D1275:15
	Dielectric Dissipation Factor (tan 5)	IEC 60247:2004 (exclude Clause 13 and 14)

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