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<b>LABORATORY LOCATION/ CENTRAL OFFICE:</b>	BCOT Laboratory, Petronas Carigali Sdn Bhd Bintulu Crude Oil Terminal (BCOT) Tanjung Kidurong 97000 Bintulu, Sarawak , 97000, SARAWAK MALAYSIA
	
<b>ACCREDITED SINCE :</b>	12 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>	BCOT Laboratory, Petronas Carigali Sdn Bhd Bintulu Crude Oil Terminal (BCOT) Tanjung Kidurong 97000 Bintulu, Sarawak , 97000, Sarawak
<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
<b>Environmental Monitoring</b> - Industrial Effluent - Produced Water	Total suspended solids	APHA 2540 D, 2005
	pH	APHA 4500 H <sup>+</sup> B, 2005
	Dissolved Oxygen	APHA 4500 O G, 2005
	Biochemical Oxygen Demand	APHA 5210 B & 4500 O G, 2005
	Oil and Grease	APHA 5520 B, 2005
	Conductivity	APHA 2510 B, 2005
	Temperature	APHA 2550 B, 2005
	Chloride	APHA 4500 Cl B, 2005
	Chlorine	APHA 4500 Cl G, 2005
	Chemical Oxygen Demand	APHA 5220D, 2005
<b>Petroleum &amp; Petroleum Products</b> - Crude Oil	Density and API Gravity	ASTM D 1298
	Density and Relative Density	ASTM D 5002
	Density and Dynamic Viscosity	ASTM D 7042

# Schedule

Issue date: 25 September 2023  
Valid Until: 21 January 2029



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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Total Mercury	UOP 938 ASTM D 7622
	Water and Sediment	ASTM D 4007
	Pour Point	In-house Method SOP-B008 based on KLA-3-TS Manual
<b>Petroleum &amp; Petroleum Products</b> - Condensate - Natural Gas Liquid - Gasoline - Liquid Hydrocarbon - Lubricant Oil	Density and API Gravity	ASTM D 1298
	Saybolt Color	ASTM D 156
	Reid Vapor Pressure	ASTM D 323
	Determination of Water	ASTM D 6304
	Density and Dynamic Viscosity	ASTM D 7042
	Total Mercury	UOP 938 ASTM D 7622
	Water and Sediment	In-house Method SOP-B002 based on ASTM D 4007-11

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