



ATEL-0124-393A

SCOPE OF ACCREDITATION

CCIC – PHILIPPINES INSPECTION AND TESTING INC.

Unit G-4 Parkland 1 Building, Lot P1-C Perimeter Road
Subic Bay Gateway Park Phase 1, Subic Bay Freeport Zone
Olongapo City, Zambales, Region III

Chemical Testing

Classification of Scopes	Specific tests or Measurements	Standard Method / Reference Standard
Fuels	Density at 15 °C	ASTM D4052
	Copper Corrosion at 50 °C / 100 °C	ASTM D130
	Distillation at Atmospheric Pressure	ASTM D86
	Total Sulphur	ASTM D4294
	Existent Gum Content	ASTM D381
	Lead by Flame AAS	ASTM D3237
	Research Octane Number (RON)	ASTM D2699
	Vapour Pressure	ASTM D6378/ ASTM D5191
	Flash Point PMCC	ASTM D93
	Kinematic Viscosity at 40°C	ASTM D445
	Water and Sediment	ASTM D2709
	Water Content	ASTM D6304
	ASTM Colour	ASTM D1500
	Abel Flash Point	IP 170
	Water Separation Index	ASTM D8073
	Freezing Point	ASTM D2386
	Colour Saybolt	ASTM D156
	Lubricity	ASTM D6079
	Micro Carbon Residue	ASTM D4530
	Estimates Net & Gross Heat of Combustion	ASTM D4868
	Cetane Index	ASTM D976/ ASTM D4737
	Acid and Base Number by Color-Indicator Titration	ASTM D974
	Hydrocarbons by Gas Chromatography	ASTM D5580
Oxygenates by Gas Chromatography:	ASTM D4815	



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	n-Butanol iso-Butanol sec-Butanol t-Butanol Ethanol Methanol t-Pentanol n-Propanol i-Propanol DIPE ETBE MTBE TAME	
	Electrical Conductivity	ASTM D2624
	Acidity in Aviation Turbine Fuel	ASTM D3242
	Kinematic Viscosity at -20°C	ASTM D445
	Smoke Point	ASTM D1322
	Naphthalene by Ultraviolet Spectrophotometry	ASTM D1840
	Specific Energy	ASTM D3338
	Thermal Oxidation Stability of Aviation Turbine Fuels	ASTM D3241
	Existent Gum (Jet)	IP 540

Legend to reference standards:

ASTM - American Society for Testing and Materials
IP - Institute of Petroleum



JAMES E. EMPEÑO
Director IV

Philippine Accreditation Bureau



**PAB ACCREDITED
TESTING LABORATORY
PNS ISO/IEC 17025:2017
LA-2022-393A**