

# Accreditation Scope

**AMSPEC MIDDLE EAST FOR INSPECTION AND TESTING LLC. Fujairah**  
**Branch 1, NAL 155**  
**Testing Laboratory, (ISO/IEC 17025:2017)**

**Port of Fujairah, Fujairah, UAE**

**Issue Date: 13-01-2021**

**Expiry Date: 12-01-2024**

**Issue No: 01**

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Petroleum Testing	Fuel Oil	Density	ASTM D1298-12b (Reapproved 2017)	P
		Density (600 to 1100 kg/m <sup>3</sup> )	IP 365-94 (Reapproved 2004)	
		Kinematic Viscosity (0.2 to 300000 cst)	ASTM D445-19a	
		Sulfur Content (17 mg/kg to 4.6% mass)	ASTM D4294-16e1	
		Water Content (0 to 25 % Vol)	ASTM D95-13 (Reapproved 2018)	
		Flash Point (40 to 370°C)	ASTM D93B-19	
		Pour Point	ASTM D97-17b	
		Micro Carbon Residue (0.10 to 30.0 % mass)	ASTM D4530-15	
		Acid Number (0.10 to 150 mg KOH/g)	ASTM D664-18e2	
		Aluminium (5 to 150 mg/kg)	IP 501-05	
		Silicon (10 to 250 mg/kg)	IP 501-05	
		Vanadium (1 to 400 mg/kg)	IP 501-05	
		Calcium (3 to 100 mg/kg)	IP 501-05	
		Zinc (1 to 70 mg/kg)	IP 501-05	
Phosphorus (1 to 60 mg/kg)	IP 501-05			

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Petroleum Testing	Fuel Oil	Sodium (1 to 100 mg/kg)	IP 501-05	P
<b>END</b>				