

Accreditation Scope

ITS TESTING SERVICES UK LTD, NAL 127

Testing Laboratory, (ISO/IEC 17025:2017)

Industrial Area, Sharjah, UAE

Issue Date: 15-05-2021

Expiry Date: 14-05-2024

Issue No: 03

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)
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Physical	Lube Oil	Kinematic Viscosity of Transparent and Opaque Liquid at 40°C and 100 °C	ASTM D 7279-20	P
Chemical	Lube Oil	Total Acid Number by Potentiometric Titration- ASTM 664 and SAE ARP 5088	ASTMD 664-18e2; SAE ARP 5088 Rev B	P
		Multi element determination of used and unused lubricating oils and base oils by ICP OES	ASTM D 5185-18	
Chemical	Transformer Oil	Determination of water by automatic Karl Fischer titration	ASTM D 1533-20 IEC 60814:1997	P
		Analysis of gases dissolved in electrical insulation oil by Gas Chromatography	ASTM D 3612-02 (Reapproved 2017) Method C IEC 60567-11	
Physical	Gas Oil	Kinematic Viscosity of transparent and opaque liquids at 40 °C	ASTM D 445-21	P
	Fuel Oil	Kinematic Viscosity of transparent and opaque liquids at 50 °C	ASTM D 445-21	

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Physical	Fuels	Distillation of petroleum products and liquid fuels at atmospheric pressure	ASTM D 86-20b	P
		Electrical conductivity of Aviation and distillate fuels	ASTM D 2624-15	
	Aviation Fuels	Freezing point	ASTM D 2386-19	
	Petroleum Products	Saybolt Color of Petroleum Products	ASTM D 156-15	
	Aviation Fuel	Particulate contamination in aviation fuels	ASTM D 5452-20	
Chemical	Aviation Turbine Fuels	Water Separation Characteristics of Aviation Turbine Fuels	ASTM D 3948-20	P
Physical	Petroleum Products	Density, Relative Density and API Gravity of liquids by digital Density Meter	ASTM D 4052-18a	P

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	Aviation Turbine Fuel	Existent Gum content	IP540/08-2014	
	Combustible Liquids	Determination of Flash Point	IP 170/14-2013	
Chemical	Animal Feed	Moisture Content	AOAC 930.15: 2016, 20 th Edition	P
		Fat	Internal method Work Instruction WI163 Issue 1, Rev 0 dated 10/08/2021 based on AOAC 920.39: 2016, 20 th edition.	
		Protein	AOAC 988.05: 2016, 20 th Edition	
		Fiber	Internal method WI 62 Issue 6, Rev 6 dated 13-12-2020 based on AOAC 962.09: 2016, 20 th Edition	
		Ash	AOAC 942.05: 2016, 20 th Edition	
Microbiology	Water & Wastewater	Legionella	ISO 11731:2017	P

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			to include Legionella – Matrix A, B & C - Procedures 5, 7, 8, 9, 10, 14	
		Total Bacterial Count	APHA 9215 D: 2017, 23rd Edition	
		Total Coliform Enumeration	APHA 9222 B: 2017, 23rd Edition, APHA 9223 B: 2017, 23rd Edition	
		Fecal Coliform Enumeration	APHA 9222 D: 2017, 23rd Edition	
		E Coli Enumeration	APHA 9222 I: 2017, 23rd Edition	
		Pseudomonas aeruginosa	APHA 9213 E: 2017, 23rd Edition	
		Fecal Streptococci	APHA 9230 C: 2017, 23rd Edition	

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Microbiology	Food	Total Bacterial Count	FDA-BAM Ch. 3 8 th Edition. Jan 2001	P
		Total Coliform Enumeration	FDA-BAM Ch. 4 8 th Edition October 2020	
		Isolation of Salmonella	FDA-BAM Ch. 5 8 th Edition May 2021	
		Staphylococcus Aureus	FDA-BAM Ch. 12 8 th Edition March 2016	
	Food	E Coli Enumeration	FDA-BAM Ch. 4 8 th Edition October 2020	
		Enterobacteriaceae Enumeration	ISO 21528-2:2017	
		Bacillus cereus	FDA-BAM Ch. 14 8 th Edition October 2020	
		Yeast & Mold	FDA-BAM Ch. 18 8 th Edition April 2001	
	Cosmetics	Total Bacterial Count	ISO 21149:2017	
		Yeast and Mould	ISO 16212:2017	
Chemical	Water	pH	APHA 4500 H ⁺ B: 2017, 23 rd Edition	P
		Conductivity	APHA 2510 B: 2017, 23 rd Edition	

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		Turbidity	APHA 2130 B: 2017, 23 rd Edition	
		Alkalinity	APHA 2320 B: 2017, 23 rd Edition	
		Total suspended solids	APHA 2540 D: 2017, 23 rd Edition	
		Total Dissolved Solids	APHA 2540 C: 2017, 23 rd Edition	
		Anions (Chloride, Fluoride, Nitrate, Nitrite, Sulphate)	APHA 4110 B: 2017, 23 rd Edition	
		Cations (Ca, Mg, K, Na, Fe, Cu, Mn, Zn, Cd, Cr, Ba)	APHA 3120 B: 2017, 23 rd Edition (Analysis by ICP-OES) & APHA 3030F.b: 2017, 23 rd Edition (Sample preparation)	
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