



CERTIFICATE OF ACCREDITATION

This is to attest that

OQ REFINERIES AND PETROLEUM INDUSTRIES LLC

MAF REFINERY, MINA AL FAHAL, P.O.BOX 3568, PC 112
MUSCAT, OMAN

Testing Laboratory TL-1060

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date February 1, 2024



A handwritten signature in black ink, reading "Raj Nathan".

President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

OQ REFINERIES AND PETROLEUM INDUSTRIES LLC

Contact Name Khamis Al Sulaimi

Contact Phone +968-22106553

Accredited to ISO/IEC 17025:2017

Effective Date February 1, 2024

OQ MAF REFINERY LABORATORY	
ASTM D86	Standard Test Method for Distillation of Petroleum Products at Atmospheric Pressure
ASTM D93 (Procedure A)	Standard Test Method for Flash Point by Pensky Martens Closed cup Tested
ASTM D130	Standard Test Method for Detection of Copper Corrosion from Petroleum Products by the Copper Strip Tarnish Test
ASTM D381	Standard Test Method for Gum in Fuels by Jet Evaporation
ASTM D445	Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (the Calculation of Dynamic Viscosity)
ASTM D482	Standard test method for Ash from Petroleum Products
ASTM D525	Standard test Method for Oxidation Stability of Gasoline (Induction Period Method)
ASTM D974	Standard test method for Acid & Base Number by Colour Indicator Titration
ASTM D1319	Standard Test Method for Hydrocarbon Types in Liquid Petroleum Products by Fluorescent Indicator Adsorption
ASTM D1322	Standard Test Method for Smoke Point of Kerosene and Aviation Turbine Fuel
ASTM D2624	Standard Test Methods for Electrical Conductivity of Aviation and Distillate Fuels
ASTM D2699	Standard test method for Research Octane Number of Spark Ignition Engine Fuel
ASTM D2709	Standard test method for Water & Sediment In Middle Distillate Fuels by Centrifuge
ASTM D3227	Standard Test Method for (Thiol Mercaptan) Sulfur in Gasoline, Kerosene, Aviation Turbine, and Distillate Fuels (Potentiometric Method)
ASTM D3241	Standard Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels
ASTM D3242	Standard Test Method for Acidity in Aviation Turbine Fuel

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ASTM D3338	Standard Test Method for Estimation of Net Heat of Combustion of Aviation Fuels
ASTM D3948	Standard Test Method for Determining Water Separation Characteristics of Aviation Turbine Fuels by Portable Separometer
ASTM D4052	Standard Test Method for Density and Relative Density of Liquids by Digital Density Meter
ASTM D4530	Standard test Method for Determination of Carbon Residue (Micro Method)
ASTM D4737	Standard test method for Calculated Cetane Index by Four Variable Equation
ASTM D4952	Standard test method for Qualitative Analysis for Active Sulphur Species in Fuels and Solvents (Doctor Test)
ASTM D5191	Standard test method for Vapor Pressure of Petroleum Products & Liquid Fuels (Mini Method)
ASTM D5452	Standard Test Method for Particulate Contamination in Aviation Fuels by Laboratory Filtration
ASTM D5453	Standard Test Method for Determination of Total Sulfur in Light Hydrocarbons, Spark Ignition Engine Fuel, Diesel Engine Fuel, and Engine Oil by Ultraviolet Fluorescence
ASTM D5773	Standard Test Method for Cloud Point of Petroleum Products and Liquid Fuels (Constant Cooling rate Method)
ASTM D5949	Standard test method for Pour Point of Petroleum Products (Automatic Pressure Pulsing method)
ASTM D6045	Standard Test Method for Color of Petroleum Products by the Automatic Tristimulus Method
ASTM D6079	Standard test method for Evaluating Lubricity of Diesel Fuels by the High Frequency reciprocating Rig (HFRR)
ASTM D6839	Standard test method for Hydrocarbon Types, Oxygenated Compounds, Benzene & Toluene in Spark Ignition Fuels by Multi-Dimensional Gas Chromatography
ASTM D7153	Standard Test methods for Freezing point for Aviation Fuels (Automatic laser method)
IP170	Determination of flash point — Abel closed-cup method
IP540	Determination of the existent gum content of aviation turbine fuel - Jet evaporation method
IP565	Determination of the level of cleanliness of aviation turbine fuel - Portable automatic particle counter method
Visual Appearance	Visual (Bright & Clear)

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