



JORDAN PETROLEUM REFINERY CO. LTD.

Laboratories & Quality Control Department

Fuel Oil
Specification
QS-PL 114

Title : Specification for Residual Fuel Oil ¹

S.N	Characteristics		Test Method	Control Limits
1	Density @ 15°C	g / ml	ASTM D1298	Report
2	Total Sulfur	Mass %	ASTM D4294	Max. 4.0
3	Flash Point (P.M)	°C	ASTM D93B	Min. 66
4	Kinematic Viscosity @ 100 °C	cSt.	ASTM D445	Max. 56
5	Pour Point	°C	ASTM D97	Max. 15
6	Micro Carbon Residue	Mass %	ASTM D4530	Max. 22
7	Ash Content	Mass %	ASTM D482	Max. 0.15
8	Water content	Volume %	ASTM D95	Max. 1.0
9	Water and Sediment	Volume %	ASTM D1796	Max. 1.0
10	Total Sediment- Hot Filtration Test	Mass %	ASTM D4870	Max. 0.15
11	Heat of Combustion	MJ / Kg	ASTM D240	Report
12	Strong Acid number	mg KOH/g	ASTM D974	Zero

¹ This specification is based on Jordanian Technical Regulation J.S 196: 2005 (Petroleum and petroleum products-Fuel oil) except total sulfur.