

PEACE PIPELINE PETROLEUM SPECIFICATIONS Effective : May 01, 2018	Units	Test Method	HIGH SULPHUR CRUDE	SWEET CRUDE
Absolute Density at 15°C	kg/m ³	ASTM D5002	876-799	876-799
Vapour Pressure (VPCR ₄ @ 37.8°C)	kPaa	ASTM D6377	◀95	◀95
Receipt Temperature	°C °C		40 (max.) 0.0 (min.)	40 (max.) 0.0 (min.)
Moisture and Contaminant Content ⁽¹⁾⁽²⁾	vol%	ASTM D4007	◀ 0.5	◀ 0.5
Colour		ASTM D1500	◀8.0	◀ 8.0
PH of Contained Water ⁽²⁾			▶5.0 & ▶7.0	▶5.0 & ▶7.0
Total Sulphur	wt%	ASTM D4294	▶0.5	◀ 0.5
Organic Chlorides in Whole Crude	wppm	ASTM D4929	◀ 1	◀ 1
MCR	wt%	ASTM D4530	◀ 7	
TAN	mgKOH/g	ASTM D664	◀ 0.5	
Nickel	mg/L	ASTM D5708-05	◀ 33	
Vanadium	mg/L	ASTM D5708-05	◀ 85	
Hydrogen Sulphide in the Liquid Phase	wppm	ASTM D5623	◀ 100 ⁽³⁾	◀ 100 ⁽³⁾
Olefins, Total	wt%	H NMR	◀ 1	◀ 1
Phosphorous in Volatile Fraction	wppm	ICP AES D86 (250°C cut)	◀1.5	◀1.5
Total Salt	g/m3		◀ 285	◀ 285
Viscosity @ 10.0 °C	cSt	ASTM D7042	◀20	◀20
NOTES:				
1. Contaminant content means all non-hydrocarbon materials excluding Nitrogen and Carbon Dioxide.				
2. No free water at -29°C.				
3. Guideline only.				
The symbol "◀" designates less than and "▶" designates				