

TEST REPORT

1.	Name of substance	:	BITUMEN
2.	General data		
2.1	Composition	:	100% Petroleum Crude Oil
2.2	Proper Shipping Name	:	Petroleum Crude Oil
2.3	UN Number	:	UN 1267
2.4	Molecular formula	:	Complex mixture of hydrocarbons
2.5	Physical form	:	Liquid
2.6	Colour	:	Brown/black
2.7	Density	:	1012.6 kg/m ³ @ 15° Celsius
2.8	Last Sample Date	:	July 27, 2017*
2.9	Laboratory	:	Maxxam
3.	Flash Point Determination		
3.1	Method	:	ASTM 93-08, Pensky-Martins Closed Cup (Automatic)
3.2	Result	:	89° Celsius
4.	Initial Boiling Point Determination		
4.1	Method	:	ASTM D-7169 Standard Test Method for Boiling Point Distribution of Samples with Residues Such as Crude Oils and Atmospheric and Vacuum Residues by High Temperature Gas Chromatography
4.2	Result	:	207.7° Celsius
5.	Class Determination		
5.1	Method	:	<i>TDG Regulations Part 2, 2.18 Class 3 Flammable Liquids</i>
5.2	Criteria	:	<i>(1)(a) Flash point > 60°C in closed-cup test</i>
5.3	Result	:	Not a Class 3 substance if transported below 90 ° Celsius
7.	Conclusion	:	Not regulated by Transportation of Dangerous Goods Regulations
7.1	Date	:	February 01, 2018

*The latest laboratory results available on request.