

International Independent Inspection & Testing Company

P.O. Box 2209, Plot No. TP/010305, National Industries Park, Dubai - United Arab Emirates, Tel. +971 4 8867400

Operation: Fax. +971 4 8867401, Email: operations@geochem.ae, Laboratory: Fax. +971 4 8867402, E-mail: laboratory@geochem.ae

ISO 9001:2008 CERTIFIED COMPANY

www.geochem.ae

ORIGINAL

Certificate No : LC-17/C378/AIS
Date :

Certificate of Quality and Quantity

Description of Goods	:	2,750 DRUMS OF BITUMEN GRADE 60/70 (AC-20)
Packing	:	25 X 20' FT CONTAINERS
Total Gross Weight	:	526.350 MT
Total Net Weight	:	500.500 MT
Shipper	:	Infinity Galaxy Co. P.O Box, 326415, Ras Al Khaimah, UAE
Consignee	:	
Notify Party	:	
Vessel Name & Voy Number	:	INTER SYDNEY 163W
Port of Loading	:	JEBEL ALI
Port of Discharge	:	PORT SUDAN
B/L No. and Date	:	MAFU572784506

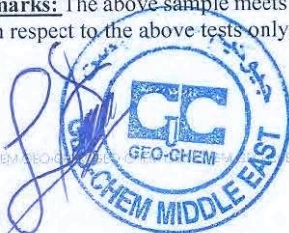
Quality

Random samples were taken from the product prior to loading on mixed and reduced to form representative samples.
One sealed composite sample was tested at Geo Chem Middle East, Dubai laboratory, results found and reported as follows:

Test Item	Methods	Unit	Limit	Result
Flash Point	ASTM D 92	°C	Min 232	324
Absolute Viscosity @ 60 °C	ASTM D 2171	Poise	Min 2000±400	1934
Kinematic Viscosity @ 135 °C	ASTM D 2170	CSt	Min 300	353.5
Penetration (25°C, 5 Sec 100 g)	ASTM D 5	0.1 mm	Min 60	62
Solubility in Trichloroethylene	ASTM D 2042	%Wt	Min 99.9	99.9
Tests on Residue from TFOT				
Absolute Viscosity @ 60 °C	ASTM D 2171	Poise	Max 8000	2236
Ductility of Residue @ 25 °C	ASTM D 113	cm	Min 50	>150

Remarks: The above sample meets the requirements of bitumen grade 60/70 (AC-20) specification as per SSMO standard 4183/2014 with respect to the above tests only.

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Packing

The drum in which Bitumen was packed were constructed of new steel plates the exterior of which was painted with black paint.

Marking**Producer Name: Infinity Galaxy****Bitumen Grade AC-20****Country of Origin:****Net Volume: 180+/-4 LITER****Use for Road Pavement****Batch No.: IG6070****Production Date:****Kinematic Viscosity at 135 C, cSt: 250 cSt****No Pollution****Quantity**

We hereby certify that stuffing of the cargo into the nominated containers at load port was conducted under our supervision. Cargo was loaded into the following 25 x 20'-ft containers.

No.	Container No.	Seal No.	Size/ Type	Number and Kind of Package	G. Weight (kg)
1	TCLU0713036	ML-IR0146932	20 FT	110 Drum(s)	21054.000
2	PONU0831925	ML-IR0146930	20 FT	110 Drum(s)	21054.000
3	MSKU5894166	ML-IR0146923	20 FT	110 Drum(s)	21054.000
4	MSKU4468166	ML-IR0146921	20 FT	110 Drum(s)	21054.000
5	MSKU3144239	ML-IR0146917	20 FT	110 Drum(s)	21054.000
6	MSKU2654032	ML-IR0146915	20 FT	110 Drum(s)	21054.000
7	MRKU7317958	ML-IR0146911	20 FT	110 Drum(s)	21054.000
8	MSKU7747992	ML-IR0146924	20 FT	110 Drum(s)	21054.000
9	TCLU2161614	ML-IR0146933	20 FT	110 Drum(s)	21054.000
10	MSKU4111564	ML-IR0146920	20 FT	110 Drum(s)	21054.000
11	MSKU3048180	ML-IR0146916	20 FT	110 Drum(s)	21054.000



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No. 172145

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No.	Container No.	Seal No.	Size/ Type	Number and Kind of Package	G. Weight (kg)
12	PONU2042320	ML-IR0146931	20 FT	110 Drum(s)	21054.000
13	MRKU9424600	ML-IR0146913	20 FT	110 Drum(s)	21054.000
14	PONU0596106	ML-IR0146928	20 FT	110 Drum(s)	21054.000
15	MRKU8151060	ML-IR0146912	20 FT	110 Drum(s)	21054.000
16	MSKU3430145	ML-IR0146919	20 FT	110 Drum(s)	21054.000
17	MSKU5729686	ML-IR0146922	20 FT	110 Drum(s)	21054.000
18	MRKU9486772	ML-IR0146914	20 FT	110 Drum(s)	21054.000
19	TGHU1802311	ML-IR0146934	20 FT	110 Drum(s)	21054.000
20	MSKU3346380	ML-IR0146918	20 FT	110 Drum(s)	21054.000
21	PONU0441547	ML-IR0146926	20 FT	110 Drum(s)	21054.000
22	PONU0589684	ML-IR0146927	20 FT	110 Drum(s)	21054.000
23	TGHU3849513	ML-IR0146935	20 FT	110 Drum(s)	21054.000
24	PONU0432632	ML-IR0146925	20 FT	110 Drum(s)	21054.000
25	PONU0830030	ML-IR0146929	20 FT	110 Drum(s)	21054.000
Total loaded quantity as per customs weigh bridge and Indicated in B/L No: MAEU572784506 Total Gross Weight: 526.350 MT Total Net Weight: 500.500 MT					

Inspection was done to the best of our knowledge and ability. This certificate does not release The parties concerned from their own contractual obligations

Issued on

GEO CHEM MIDDLE EAST.



Job No. INSP/DXI-CR-

No. 172146