



INSPECTION REPORT NO.: 650201/73874

In pursuance to an inspection order given to us by our Principal;

FOR : INFINITY GALAXY  
 CARGO (SAID TO BE) : BITUMEN GRADE 60/70

ON : 13 & 14.08.2019  
 REQUIRED INSPECTION : TO REPORT PACKING & MARKING, RANDOM SAMPLING OF THE CARGO, SENDING SAMPLPE TO NON SGS LAB, STUFFING SUPERVISION

We hereby report the following:

**Marking:**

Following marking was painted body on drums of randomly inspected.

**Bitumen 60/70**

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**Packing:**

The commodity was poured in the new metal drums with black appearance. Each drum had a lid in the top side. Amongst the inspected drums, following average figures was obtained for their dimensions:  
-So far as it could be checked, the drums lid not welded by oxy acetylene.

Dia. of drums : 50.0 ± 0.2 Cm  
 Height of drums : 98.0 ± 0.5 Cm  
 Dia. Of lid : 10.0 ± 0.5 Cm

**Sampling:**

Sampling was performed during stuffing the cargo into containers at warehouse, (The number of selected s:) according to ASTM D140M-09, Standard Practice for Sampling Bituminous Materials). Only top side of the drums were accessible for taking increment.

All drawn samples were mixed well and 4x1 litter Composite samples were prepared; distributed as follows:

-1x1 litter composite sample was dispatched to non SGS lab seal No. 639213.

-3x1 litter composite samples were retained by SGS for 90 days with SGS seal No. 639214, 639215 & 639216.

**Analysis:**

One composite sample was sent to Non-SGS laboratory for testing and following results were reported by the laboratory:

SPECIFICATION	TEST METHOD	RESULT	Standard Rang
PENETRATION; AT 25°C, 0.1 mm	ASTM D5	63	60-70
SOFTENING POINT (R & B), °C	ASTM D36	50	min 46
DUCTILITY; AT 25°C MIN, (CM)	ASTM D113	>100	min 100
LOSS ON HEATING, mass%	ASTM D6	0.024	--
DROP IN PENETRATION AFTER HEATING %	ASTM D6&D5	5.55	--
FLASH POINT DEG °C	ASTM D92	314	min 230
SPECIFIC GRAVITY at 25°C	ASTM D70	1.0332	--
SOLUBILITY IN TCE, WT%	ASTM D2042	99.8	min 99%
SPOT TEST	AASHTO T 102-42	Negative	NEG

These findings are reported herein for convenience only and SGS has no liability for the subcontracted results which remain with the lab.

**Stuffing drums into containers:**

Each take of forklift discharged 8 or 12 drums from trucks which were directly stuffed into containers. In each container two tiers of drums were stuffed, in first tier 55 and second tier 55 drums were stuffed (Totally 110 drums in each container).

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**Stuffed containers:**

The commodity was stuffed into 25 x 20 Ft. containers under our supervision as following:

No.	Container No.	QTY. of drums	SGS seal	Stuffing date
1	RWAU 240214-2	110 Drums	304894	13.08.2019
2	BSIU 219598-0	110 Drums	304895	13.08.2019
3	IPXU 217307-3	110 Drums	304896	13.08.2019
4	PCIU 257059-5	110 Drums	304897	13.08.2019
5	JAYU 107511-6	110 Drums	304898	13.08.2019
6	FCIU 346736-5	110 Drums	304899	13.08.2019
7	FSCU 759927-1	110 Drums	304900	13.08.2019
8	FSCU 737065-0	110 Drums	304883	13.08.2019
9	FCIU 207480-4	110 Drums	304884	13.08.2019
10	GESU 229123-4	110 Drums	304885	13.08.2019
11	IALU 220092-5	110 Drums	304886	13.08.2019
12	WSCU 318383-2	110 Drums	304887	13.08.2019
13	CRXU 323331-8	110 Drums	304888	13.08.2019
14	CBHU 350471-1	110 Drums	304889	13.08.2019
15	FSCU 784453-2	110 Drums	304890	13.08.2019
16	GESU 205941-9	110 Drums	309121	13.08.2019
17	FSCU 388464-2	110 Drums	309122	13.08.2019
18	CLHU 337973-3	109 Drums	309123	13.08.2019
19	FSCU 735112-0	110 Drums	309124	13.08.2019
20	REGU 309202-0	110 Drums	309125	13.08.2019
21	CLHU 259405-3	110 Drums	309130	13.08.2019
22	IALU 223053-4	110 Drums	309131	13.08.2019
23	HNSU 206044-5	110 Drums	309132	13.08.2019
24	WSCU 151000-5	110 Drums	309133	13.08.2019
25	CRSU 111622-3	110 Drums	309134	14.08.2019

**Note:**

- The floor of nominated empty containers was covered by a layer P-E sheet.
- The drums' lids were not welded.
- During stuffing, some drums were being slightly dented.

If the requirements of the client necessitate the analysis of samples by the client's or by any third party's laboratory the company will pass on the result of the analysis but without responsibility for its accuracy. Present report reflects the findings determined at the time and place of our inspection only. This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS / August 17<sup>th</sup>, 2019

19-05934L02

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