



**INSPECTION REPORT NO.: 650201/01435**

In pursuance to an order for inspection given to us by our:

PRINCIPAL : JEY KIMIA BITUMEN COMPANY  
TO INSPECT (SAID TO BE) : BITUMEN VG40  
AT : ARIYA SALAR WAREHOUSE, SHAHEID RAJAEI PORT, BANDAR ABBAS, IRAN  
ON : 02, 03 & 05.05.2021

**Required inspection:**

- Visual checking of the packing and marking of cargo & drum dimension check at random & to report,
- Random sampling of the cargo & sending the sample to third-party laboratory for testing,
- Visual checking of drums,
- Stuffing supervision.

We hereby report the followings:

**Marking:**

Following markings were observed on body and top side of drums:

**Type 1. Painted marking:**

BITUMEN  
GRADE  
VG40

**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 figures was obtained for their dimensions:

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

**Sampling:**

Sampling was performed during cargo stuffing into the containers at the warehouse from 15 number randomly selected drums. The number of selected drums is according to ASTM D 140. Due to presenting cargo already packed in drums at the time of inspection, we've been restricted to take the increments from accessible top level of drums only. All drawn samples were mixed as well and prepared 4x1 litter composite samples were distributed as follows:

- One x1 litter composite sample was dispatched to a third-party laboratory with SGS seal No. 713767.
- Three x1 litter composite sample was retained in SGS for 90 days with SGS seal Nos. 713768, 713769 & 713770.

**Analysis:**

One composite sample was sent to non-SGS laboratory for the following items to be tested. The following specifications and test methods were reported by the lab:

SPECIFICATION	RESULTS	Standard Range		TEST METHOD
		MIN	MAX	
PENETRATION @ 25°C, 0.1MM	47	40	60	ASTM D5
SOFTENING POINT (R & B), °C	55	47	---	ASTM D36
FLASH POINT, °C	310	220	---	ASTM D92
SOLUBILITY IN TCE, %WT	99.8	99.0	---	ASTM D2042
VISCOSITY AT 135°C, CST	500	400	---	ASTM D2170
ABSOLUTE VISCOSITY AT 60°C, poise	4022	3200	---	ASTM D2170
AFTER THIN FILM OVEN TEST (TFOT), ASTM D1754				
SPECIFIC GRAVITY AT 25 °C	1.0250	0.99	---	ASTM D70
DUCTILITY @ 25°C, 5CM/MIN, Cm	50	25	---	ASTM D113
VISCOSITY RATIO AT 60 °C	2.13	---	4.0	ASTM D2171

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

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### Stuffing Supervision:

25 x 20' containers were ready to be stuffed under SGS inspectors' supervision at stuffing site in Bandar Abbas port. The cargo was discharged from trailers and stuffed by means of forklift in two tiers; totally 110 drums in each container and the containers were sealed with SGS seals as follows:

No.	Container No.	QTY. of drums	SGS seal	Stuffing date
1	CLHU 341707-3	110 Drums	519501	02.05.2021
2	CAXU 685827-0	110 Drums	519502	02.05.2021
3	CRSU 138452-4	110 Drums	519503	02.05.2021
4	FCIU 397103-6	110 Drums	519510	02, 03.05.2021
5	TDRU 210325-2	110 Drums	519700	03, 05.05.2021
6	TGHU 284769-2	110 Drums	519474	03, 05.05.2021
7	MLCU 360531-9	110 Drums	519514	03.05.2021
8	HMCU 303804-1	110 Drums	519515	03.05.2021
9	TTNU 239107-3	110 Drums	519516	03.05.2021
10	IMTU 309319-5	110 Drums	519517	03.05.2021
11	TCKU 130773-3	110 Drums	519475	03, 05.05.2021
12	TTNU 182607-9	110 Drums	519476	03, 05.05.2021
13	TCKU 249198-5	110 Drums	519520	03.05.2021
14	TDRU 399993-0	110 Drums	519681	03.05.2021
15	ECMU 183920-2	110 Drums	519686	05.05.2021
16	TTNU 133818-2	110 Drums	519687	05.05.2021
17	EGHU 304605-5	110 Drums	519688	05.05.2021
18	HDMU 250083-5	110 Drums	519689	05.05.2021
19	TTNU 190527-0	110 Drums	519690	05.05.2021
20	AXIU 849442-0	110 Drums	519691	05.05.2021
21	CAXU 611180-7	110 Drums	519692	05.05.2021
22	TTNU 300690-5	110 Drums	519693	05.05.2021
23	GESU 204523-0	110 Drums	519694	05.05.2021
24	EGHU 302380-4	110 Drums	519695	05.05.2021
25	TTNU 329910-4	110 Drums	519696	05.05.2021

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**SGS**  
SGS Iran Limited  
Minerals Division

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### Quantity & Weight:

Total loaded container	:	25	Containers
Total loaded drums	:	2,750	Drums
Total gross weight as per copy of weighbridge slip	:	531,510	Kgs
The calculated average gross weight per each drum	:	193.276	Kgs
The declared weight per empty drum by client representative	:	9.3	Kgs
Total loaded net weight	:	505,935	Kgs

### Notes

- Export license No. is: 12941944.
- Date of weighbridge slips were from 02 ~ 05.05.2021.
- The above calculated weight was related to the arrived trucks to the warehouse which was weighed in full and light condition by customs weighbridge before and after discharged to the containers.
- Cargo trucks/containers weighing on custom weighbridge was not supervised by SGS due to exist of regulations and restrictions. So, their slips were collected.
- Based on the stamp on weighbridge, all trucks were weighed by WB No. 19 and custom weighbridge at Jask Center WH.
- The floor of nominated empty container was covered by a layer P-E sheet.
- About 10 ~ 15% of drums were suffered with slightly dent on bodies by forklift. (This due to the loading method performed by the man-power and machine/forklift, which the drums were in the sound condition in an appearance before stuffing into containers).
- During inspection, in order to check the condition of the available part of content of drums in appearance, the doors of 76 drums were opened and we observed that the surface content of all drums were covered by tiny of dust because of recent storm.
- The top side of most of the stuffed drums were found slightly dirtied by dust.
- Plastic sheet on floor of some of containers was dirtied by forklift tire and/or labors shoes.

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SGS Tehran/May 09<sup>th</sup>, 2021

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SGS Iran Limited

Minerals Division



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