



INSPECTION REPORT NO.: 650201/01478

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

PRINCIPAL : JEY KIMIA BITUMEN
TO INSPECT (SAID TO BE) : BITUMEN VG30
AT : JASK GOSTAR WAREHOUSE, SHAHEID RAJAEI PORT, BANDAR
ABBAS, IRAN
ON : 17 ~ 21.01.2021

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
VG30

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 were obtained for their dimensions:

Dia. of drums : 50.0 ± 0.5 Cm
Height of drums : 98.5 ± 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. But only the top side of the drums were accessible for taking increment. 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. 701820.
- Three x1 litter composite sample was retained in SGS for 90 days with SGS seal Nos. 701821, 701822 & 701823.

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	61	50	70	ASTM D5
SOFTENING POINT (R & B), °C	52.4	47	---	ASTM D36
FLASH POINT, °C	330	220	---	ASTM D92
SOLUBILITY IN TCE, %WT	99.9	99.0	---	ASTM D2042
VISCOSITY AT 135°C, CST	478	350	---	ASTM D2170
ABSOLUTE VISCOSITY @ 60 °C, poise	2718	2400	---	ASTM D2170
AFTER THIN FILM OVEN TEST (TFOT), ASTM D1754				
SPECIFIC GRAVITY AT 25 °C	1.0214	0.99	---	ASTM D70
DUCTILITY AT 25°C, cm, 5cm/min	85	40	---	ASTM D113
VISCOSITY RATIO AT 60°C	2.31	---	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.

Cont.2





SGS

Inspection Report No.: 650201/01478

Page 2 of 3

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	TLLU 294997-0	110 Drums	483598	17.01.2021
2	BSIU 316605-5	110 Drums	483599	17.01.2021
3	TCKU 261096-0	110 Drums	483600	17.01.2021
4	BSIU 324239-2	110 Drums	483741	17.01.2021
5	TCKU 164972-0	110 Drums	483742	17.01.2021
6	TCKU 282101-1	110 Drums	483743	18.01.2021
7	TTNU 303105-0	110 Drums	483744	18.01.2021
8	CAIU 326293-7	110 Drums	483745	18.01.2021
9	BSIU 284832-2	110 Drums	483746	18.01.2021
10	TCKU 365832-0	110 Drums	483747	18.01.2021
11	CAIU 312133-2	110 Drums	483748	18.01.2021
12	PMLU 204861-0	110 Drums	483749	18.01.2021
13	TLLU 295015-9	110 Drums	483750	18.01.2021
14	BSIU 316304-0	110 Drums	483751	18.01.2021
15	TCKU 137682-1	110 Drums	483752	18.01.2021
16	TCKU 333233-4	110 Drums	485201-485202	18, 20.01.2021
17	TLLU 260897-4	110 Drums	483753	18.01.2021
18	BSIU 315042-3	110 Drums	483754	18.01.2021
19	GIPI 207273-6	110 Drums	483755	18, 19.01.2021
20	TRIU 300753-1	110 Drums	483756	19.01.2021
21	TRHU 233786-0	110 Drums	483757	19.01.2021
22	TCKU 133672-6	110 Drums	483758	19.01.2021
23	BSIU 324295-7	110 Drums	483759	20.01.2021
24	CAOU 207552-4	110 Drums	483760	20, 21.01.2021
25	TCKU 187482-4	110 Drums	485206	21.01.2021

Cont.3

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SGS

Inspection Report No.: 650201/01478

Page 3 of 3

Quantity:

Total stuffed containers : 25 Containers
Total Number of drums : 2,750 Drums

Notes:

-Item No.16: The doors of container were not closed completely due to WH problem and/or some defection on the doors. So, the mentioned container was sealed with 2 connected seals.

- The floor of nominated empty container was covered by a layer P-E sheet.
- The top side of about 8% of the stuffed drums were found slightly dirtied by dust and the bottom side of about 5% of them negligible quantity of sand.
- Plastic sheet on floor of some of containers was dirtied by forklift tire and/or labors shoes.

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GS ebran/Jan 24th, 2021
21-003021-02

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