



INSPECTION REPORT NO.: 650201/01479

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

PRINCIPAL : JEY KIMIA BITUMEN
TO INSPECT (SAID TO BE) : BITUMEN GRADE 60/70
AT : JASK GOSTAR WAREHOUSE, SHAHEID RAJAEI PORT, BANDAR
ABBAS, IRAN
ON : 25 ~ 29.01.2021

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:

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Recking:

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. 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. 701973.
- Three x1 litter composite sample was retained in SGS for 90 days with SGS seal Nos. 701974, 701975 & 701976.

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	65	60	70	ASTM D5
SOFTENING POINT (R & B), °C	50.8	46	---	ASTM D36
DUCTILITY @ 25°C, 5CM/MIN, Cm	>100	100	---	ASTM D-113
SPOT TEST, NAPHTA	NEG	Negative		AASHTO 102
FLASH POINT, °C	336	232	---	ASTM D92
SOLUBILITY IN TCE, %WT	99.9	99.0	---	ASTM D2042
DENSITY @ 25°C kg/m3	1011.8	1010	1060	ASTM D70
LOSS ON HEATING, WT%	0.002	---	0.2	ASTM D6
DROP IN PENETRATION AFTER HEATING %	4.61	---	20	ASTM D6&5
VISCOSITY AT 135°C, CST	334	300	---	ASTM D2170
VISCOSITY AT 60°C, poise	1766	1600	2000	ASTM D2170

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

Cont.2

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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	TTNU 148033-0	110 Drums	485216	25.01.2021
2	PCIU 313017-9	110 Drums	485217	25.01.2021
3	WHLU 275759-2	110 Drums	485218	25.01.2021
4	IMTU 308218-5	110 Drums	485219	25.01.2021
5	GATU 131743-1	110 Drums	485220	25.01.2021
6	CLHU 374114-3	110 Drums	486321	25.01.2021
7	GATU 048958-9	110 Drums	486322	25.01.2021
8	EMCU 375878-7	110 Drums	486323	25.01.2021
9	TTNU 219008-4	110 Drums	486324	25.01.2021
10	TTNU 386389-9	110 Drums	486325	25.01.2021
11	CLHU 333673-1	110 Drums	486326	25.01.2021
12	TCKU 345884-7	110 Drums	486327	25, 26.01.2021
13	APZU 306804-5	110 Drums	486328	26.01.2021
14	CCLU 269617-9	110 Drums	486329	26.01.2021
15	WHLU 290409-7	110 Drums	486330	26.01.2021
16	TDRU 271909-0	110 Drums	486331	26.01.2021
17	TTNU 301054-6	110 Drums	486332	26.01.2021
18	TCKU 191595-0	110 Drums	486333	26.01.2021
19	FCIU 401446-6	110 Drums	486334	26.01.2021
20	TDRU 272764-4	110 Drums	486335	26.01.2021
21	TCKU 280127-3	110 Drums	486336	27.01.2021
22	WHLU 292539-3	110 Drums	486338	27.01.2021
23	INBU 364491-6	110 Drums	486339	27.01.2021
24	IPXU 365636-9	110 Drums	486550	27, 29.01.2021
25	TDRU 302815-3	110 Drums	486340	28.01.2021

Cont.3



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Quantity:

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

Notes:

- 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).
- The top side & bodies of about 21% of the drums were found slightly dirtied by dust.

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SGS-Tehran/Feb 01st, 2021

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