

INSPECTION REPORT NO. 650201/...

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

PRINCIPAL	:	PETROTAR FARA SAHEL
CARGO	:	BITUMEN GRADE 60/70
AT	:	SHAHID RAJAEI PORT COMPLEX- B.ABBAS- IRAN
ON	:	MARCH 16 th 2021 TILL MARCH 19 th 2020

With the required inspection of:

- Visual checking of the packing of cargo & drum dimension check at random & to report.
- Random sampling of the cargo
- Sending the sample to a non SGS lab for testing
- Stuffing supervision.

➤ As per submitted B/L(s) and client's declaration:

B/L NO.	:	
PORT OF LOADING	:	
VESSEL & VOYAGE	:	
PORT OF DISCHARGE	:	
SHIPPER	:	
TOTAL DRUMS	:	
TOTAL NET WEIGHT	:	
TOTAL GROSS WEIGHT	:	

We hereby report the following:

Marking:

Following marking were printed on the drums:

Bitumen 60/70



Packing:

The commodity was poured in the new steel drums with black appearance. Each drum had a lid in the top side. During the random inspection of drums, following figures were obtained for their dimensions:

Dia of drums	:	50 +/- 0.5 Cm
Height of drums	:	98 +/- 0.5 Cm
Dia of lid	:	10 +/- 0.5 Cm

Stuffing drums into containers:

Each take of forklift discharged 1~2 and 8 or 12 drums 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).

-About 10 ~ 15% of drums were suffered with slightly dent on bodies by forklift.

-The bottom side of most of the stuffed drums were found slightly dirtied by bitumen and negligible quantity of sand.

-During loading operation, the upper edge of a number of 20 drums (about) were torn by forklift, which were smoothed out by the representative by using a hammer, as much as possible.



Stuffed containers:

The commodity was stuffed into 30*20 Ft. containers, under our supervision as following:

No.	Container No.	QTY of Drums	SGS Seal No.	Date of Stuffing
01	HPLU 395928-3	110 Drums	508401	16.03.2021
02	CAXU 655024-5	110 Drums	508402	16.03.2021
03	IPXU 313684-0	110 Drums	508403	16.03.2021
04	MOAU 021850-0	110 Drums	508404	16.03.2021
05	TTNU 160604-8	110 Drums	508405	16.03.2021
06	TTNU 189299-6	110 Drums	508691	17.03.2021
07	MOAU 654149-0	110 Drums	508692	17.03.2021
08	TTNU 307630-6	110 Drums	508693	17.03.2021
09	HPLU 282170-8	110 Drums	508694	17.03.2021
10	TTNU 338981-0	110 Drums	508695	17.03.2021
11	TGHU 146159-7	110 Drums	508696	17.03.2021
12	GLDU 296734-6	110 Drums	508697	17.03.2021
13	PMLU 200638-4	110 Drums	508698	17.03.2021
14	GLDU 312350-3	110 Drums	508761	18.03.2021
15	FSCU 311423-8	110 Drums	508762	18.03.2021
16	CRXU 153537-1	110 Drums	508763	18.03.2021
17	MOAU 653006-9	110 Drums	508764	18.03.2021
18	TEMU 429369-0	110 Drums	508765	18.03.2021
19	TTNU 307304-0	110 Drums	508766	18.03.2021
20	GATU 115258-4	110 Drums	508767	18.03.2021
21	CCSU 713163-7	110 Drums	508768	18.03.2021
22	UESU 217180-2	110 Drums	508769	18.03.2021
23	MOAU 049688-2	110 Drums	508770	18.03.2021
24	MOAU 034536-1	110 Drums	508771	19.03.2021
25	YTLU 234481-9	110 Drums	508772	18.03.2021
26	TTNU 131561-2	110 Drums	508773	18.03.2021
27	GVCU 205598-8	110 Drums	508774	18.03.2021
28	LNTU 337953-6	110 Drums	508775	18.03.2021
29	TTNU 367743-6	110 Drums	508776	18.03.2021
30	MOAU 030406-4	110 Drums	508777	18.03.2021

Sampling:

Sampling was performed during stuffing the cargo into containers at warehouse, (The number of 15 selected drums: according to ASTM D140M-09, Standard Practice for Sampling Bituminous Materials).

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.

Sampling :

Drawn samples were well mixed and 3x1 litre composite samples were made, sealed by SGS and distributed as below:

- One composite sample of whole drums was dispatched to non SGS laboratory with seal No. .
- Three composite samples will be retained at SGS with seal Nos. & and for 90 days.

Analysis:

One composite sample was sent to Non-SGS laboratory for testing.

The following results were presented on the laboratory letterhead.

SPECIFICATION FOR BITUMEN GRADE 60/70	TEST METHOD	SPECIFICATION	RESULT
Penetration @ 25° C, 0.1MM	ASTM D5	60/70	62
Softening point, (R&B), °C	ASTM D36	46min	48.9
Flash point, ° C	ASTM D92	230min	300
Density at 25° C, gr/cm ³	ASTM D70	---	1.0278
Ductility @ 25°C, 5CM/MIN, Cm	ASTM D133	100<	>100
Solubility in TCE%WT	ASTM D2042	Min 99%	99.8
Loss On Heating, WT%	ASTM D6	---	0.002
Drop In Penetration after heating	ASTM D6 & D5	---	6.45
Spot Test, Naphta	A.A.S.H. TO.T102	Neg	Neg

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

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. 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 Tehran/Apr 6TH, 2021

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