



REPORT OF QUALITY AND QUANTITY

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PRINCIPAL : TIGER CEMENT LIMITED – ASPHALT CEMENT (BITUMEN PRODUCTS) PLOT NO. 06,
 SECTOR B-X, MEHRAN AVENUE, EXPORT PROCESSING ZONE, KARACHI –
 PAKISTAN

GOODS DESCRIPTION AS PROVIDED BY PRINCIPAL : BITUMEN ASPHALT TIGER BRAND 35/50

VESSEL : 01) SEASPAN SANTOS VOY: 523S
 02) VALENCE VOY: 067E
 03) MSC FALCON III VOY: JP543R

B / L NUMBER : 01) 253786225 DATED: 2025-06-10
 02) 256703071 DATED: 2025-08-20
 03) MEDUK3950442 DATED: 20-SEP-2025

QUANTITY : 01) 2750 DRUMS IN 25X20FT CONTAINERS
 02) 1650 DRUMS IN 15X20FT CONTAINERS
 03) 1100 DRUMS IN 10X20FT CONTAINERS

INSPECTION PLACE : KEPZ – KARACHI

INSPECTION PERFORMED ON : 24, 26, 27, 29 MAY, 11, 12 AUG & 13 SEP 2025

This is to report that, in accordance with instructions received from our principal, we attended their advised location Karachi Export Processing Zone – Karachi on 24, 26, 27, 29 May, 11, 12 Aug & 13 Sep 2025 to perform random sampling from the cargo tendered in steel drums, carry out the requested analyses on final composite sample. Whereas to witness the loading/stuffing operation of cargo into containers. On which, we report our findings as follows,

TENDERED CARGO

At the time of our intervention, cargo was tendered in steel drums and laying under covered area on cemented floor.

PACKING

The cargo was in solid form and filled/packed in steel drums, mouth covered by lid. As far as visible, the tendered drums were found apparently in sound condition.

MARKING

Following stencil marking was found pasted on the tendered steel drums.





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RANDOM SAMPLING

Total of 18 drums were selected randomly on cube root basis as per ASTM D140/D140M (Standard Practice for Sampling Asphalt Materials) from the total tendered cargo of 5500 drums.

Upon completion of sampling exercise, collected sample split in 03 sets, preserved in metal container, kept in double WPP bag, duly labeled, sealed and brought to SGS Karachi office.

SAMPLE DISTRIBUTION

- One set of sealed sample submitted in subcontracted lab for the analysis of principal requested parameters as tabulated below.
- One set of sealed sample handed over to principal representative for their reference and record.
- One set of sealed samples retained with SGS for the period of One month from the date of sampling, unless otherwise instructed.

ANALYSIS

Analysis result obtained from subcontracted lab are reproduced as under,

Sr. #	Test Parameter	Test Method	Results
01	Specific Gravity at 25/25° C	D-70	1.039
02	Ductility @ 25 °C, 5cm/min, cm	D-113	>100
03	Penetration @ 25 °C, 100 gm, 5 Sec, 1/10mm	D-5	46
04	Flash Point (COC), °C	D-92	340
05	Softening Point (R & B), °C	D-36	52
06	Loss on heating @ 163 °C 5 hrs <ul style="list-style-type: none"> • Loss by weight, % • Drop in Penetration, % 	D-6	0.149 17.0
07	Retained Penetration after TFOT, %	D-5	83
08	Penetration after loss on heating 25 °C, % of original	D-5/D-6	83
09	Solubility In Trichloro Ethylene, Wt%	D-165	99.8
10	Spot test	T-102	Negative

WITNESSING OF LOADING / STUFFING OPERATION

Prior to the loading of cargo into containers, plastic sheet attached in both side of the containers wall and plastic sheet was placed on containers floor. During our intervention, all the drums were loaded/stuffed into containers with the help of fork lifter. As per client/shipper's tally and our random check, total of 5500 drums (each container load with 110 drums) were loaded into 50x20ft containers.

Details of each container number are given as under,

No.	Container No	No. of Drums	Wt. Of Truck with Loaded Container in Kg	Wt. Of Truck with Empty Container in Kg	Gross weight of cargo (kg)	SGS Seal No
Containers covered under BL # 253786225						
1	HASU 1549347	110	31,040.000	9,900.000	21,140.000	I065812
2	MSKU 7205306	110	35,890.000	14,810.000	21,080.000	I065813
3	TRHU 2036850	110	35,600.000	14,490.000	21,110.000	I065811
4	MRKU 8393931	110	37,850.000	16,710.000	21,140.000	I065814
5	MSKU 5250395	110	31,940.000	10,930.000	21,010.000	I065815



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No.	Container No	No. of Drums	Wt. Of Truck with Loaded Container in Kg	Wt. Of Truck with Empty Container in Kg	Gross weight of cargo (kg)	SGS Seal No
6	MRKU 9530330	110	35,800.000	14,740.000	21,060.000	I065816
7	MSKU 7418662	110	37,730.000	16,630.000	21,100.000	I065818
8	MRKU 8510257	110	36,820.000	15,690.000	21,130.000	I065820
9	MSKU 5203290	110	36,650.000	15,530.000	21,120.000	I065819
10	MSKU 5289648	110	31,010.000	9,880.000	21,130.000	I065817
11	SUDU 7583866	110	35,600.000	14,460.000	21,140.000	I065802
12	MRKU 7927647	110	35,780.000	14,660.000	21,120.000	I065804
13	HASU 1539061	110	36,590.000	15,450.000	21,140.000	I065801
14	MRKU 9055712	110	37,510.000	16,370.000	21,140.000	I065803
15	MRKU 6665558	110	37,650.000	16,540.000	21,110.000	I065805
16	MSKU 7353263	110	38,370.000	17,280.000	21,090.000	I065806
17	MSKU 3774602	110	31,100.000	9,990.000	21,110.000	I065807
18	MSKU 7307360	110	37,740.000	16,630.000	21,110.000	I065810
19	MSKU 5097136	110	37,530.000	16,420.000	21,110.000	I065808
20	SUDU 7908684	110	35,930.000	14,790.000	21,140.000	I065809
21	MRKU 6587861	110	35,680.000	14,590.000	21,090.000	I065823
22	MSKU 4092762	110	38,450.000	17,320.000	21,130.000	I065821
23	MSKU 5049570	110	35,840.000	14,720.000	21,120.000	I065822
24	PONU 0616711	110	35,700.000	14,560.000	21,140.000	I065825
25	BMOU 2369047	110	35,630.000	14,510.000	21,120.000	I065824
Total		2750	895,430.000	367,600.000	527,830.000	--
Containers covered under BL # 256703071						
26	MRKU 8971496	110	35,760.000	14,630.000	21,130.000	I072835
27	MRKU 6691768	110	35,810.000	14,650.000	21,160.000	I072834
28	MRKU 9825937	110	35,280.000	14,170.000	21,110.000	I072832
29	MSKU 4002835	110	37,510.000	16,390.000	21,120.000	I072831
30	MRKU 6626016	110	37,640.000	16,530.000	21,110.000	I072833
31	HASU 1153314	110	31,150.000	9,990.000	21,160.000	I072838
32	MRKU 7788393	110	35,460.000	14,330.000	21,130.000	I072836
33	MRKU 8353190	110	35,420.000	14,300.000	21,120.000	I072837
34	HASU 1477083	110	35,730.000	14,630.000	21,100.000	I065871
35	MRKU 7051174	110	36,510.000	15,400.000	21,110.000	I065866
36	MSKU 7794398	110	35,990.000	14,910.000	21,080.000	I065869
37	MSKU 5618321	110	36,820.000	15,730.000	21,090.000	I065868
38	MRKU 6963803	110	35,580.000	14,480.000	21,100.000	I072840
39	MRKU 7324366	110	38,630.000	17,490.000	21,140.000	I065872
40	MRSU 0031498	110	31,040.000	9,880.000	21,160.000	I072839
Total		1650	534,330.000	217,510.000	316,820.000	--
Containers covered under BL # MEDUK3950442						
41	MSMU 1195840	110	31,000.000	9,880.000	21,120.000	I090323
42	TGBU 3982165	110	36,720.000	15,600.000	21,120.000	I090322
43	MSMU 3469678	110	37,320.000	16,170.000	21,150.000	I090324
44	MSCU 3473657	110	35,430.000	14,330.000	21,100.000	I090321
45	FCIU 5993543	110	38,680.000	17,570.000	21,110.000	I090325



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No.	Container No	No. of Drums	Wt. Of Truck with Loaded Container in Kg	Wt. Of Truck with Empty Container in Kg	Gross weight of cargo (kg)	SGS Seal No
46	MSMU 2690386	110	35,340.000	14,260.000	21,080.000	I090329
47	MSNU 2182901	110	35,200.000	14,040.000	21,160.000	I090327
48	MSDU 1815040	110	38,220.000	17,190.000	21,030.000	I090326
49	MSMU 1843027	110	35,310.000	14,150.000	21,160.000	I090330
50	MSMU 1678452	110	32,010.000	10,910.000	21,100.000	I090328
Total		1100	355,230.000	144,100.000	211,130.000	--
Grand Total		5500	1,784,990.000	729,210.000	1,055,780.000	--

PICTURES



Tendered cargo



Random Sampling



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Lifting of Cargo for Loading



Loaded / Stuffed Cargo





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Loaded Container with SGS Plastic Seal



Loaded Container with SGS Plastic Seal

The responsibility for the above findings is limited to time, date and place of intervention only and does not refer to any other matter. Whereas this report validity is limited to the duration of vessel's voyage. The manual sampling method was agreed with the SGS Principal, as sampling by more reliable methods that provide probability samples was not possible. The Holder of this document is cautioned that collected MANUAL samples of this type do not satisfy the minimum requirements for probability sampling, and as such cannot be used to draw statistical inferences such as precision, standard error, or bias. Due to the inaccessibility of part of the cargo, the samples collected have indicative value only and will not necessarily be representative of the entire cargo, but only of that part accessible and sampled at the date, time, and place of inspection. SGS has no responsibility and/or liability for the consequences of any action taken or not taken on the basis of our issued report. In accordance with principal's instructions, the Company's involvement has been limited to witnessing/observing a third party's intervention(s) at the third party's weighbridge/test house or other facilities and installations used for the intervention(s). The Company's sole responsibility was to be present at the time of the third party's intervention(s) to forward the results, or confirm the occurrence, of the intervention(s). The Company is not responsible for the condition or calibration of apparatus, instruments and measuring devices used, the testing methods applied the qualifications, actions or omissions of the third party's personnel or the testing results. If the requirements of the client necessitate the analyses of samples by the client's or by any third party's laboratory (non SGS lab) the company will pass on the result of the analysis but without responsibility for its accuracy. This document is issued by the Company subject to its General Conditions of Service (www.sgs.com/en/Terms-and-Conditions.aspx). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. This document is to be treated as an original within the meaning of UCP 600. 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.

Signed and dated in
 KARACHI - Pakistan
 8th October 2025

SGS Pakistan (Private) Limited

