In accordance to the instructions received from client, we attended their advised location Karachi Export Processing Zone (EPZ Landhi) – Karachi on 15th January, 2020 to perform random sampling from the cargo tendered in drums and carry out the requested analyses on composite sample. The exercise carried out for informative basis and could not be considered for shipment purposes. Following are the details of our findings:

TENDERED CARGO : At the time of our intervention, cargo was tendered in 1100 drums (as advised by client) and laying in an open and covered area.

PACKING & GENERAL CONDITION : The cargo was in solid form and filled/packed in drums, mouth covered by lid. Apparently, the tendered drums were found in sound condition.

MARKING : Following is the specimen of sticker was found pasted on the tendered drums,

Cont’d…. P/2
RANDOM SAMPLING: Due to the limited access and constraint of resources, randomly only 10 drums were selected from the total tendered cargo for the collection of sample increments.

Apparently, the cargo inside drum was in compact/solid form and in order to collect the sample increments, client arranged heating process on the selected drums for melting of cargo from limited portions.

Upon completion of sampling exercise, all the collected sample increments were mixed and reduced at sampling site to obtain a composite sample in 05 sets, preserved in metal container, kept in double WPP bag, duly labeled, sealed and brought to SGS Karachi office.

SAMPLE DISTRIBUTION: Following is the distribution of prepared composite samples,

- One set of sealed sample submitted in subcontracted lab for the analysis of client requested parameters as tabulated below.
- Two set of sealed samples reserved for client’s record purposes with SGS for the period of one month from the date of sampling, unless otherwise instructed.
- Two set of sealed samples retained with SGS for the period of One month only from the date of sampling, unless otherwise instructed.

ANALYSIS RESULT: Analysis result obtained from subcontracted lab are reproduced as under,

<table>
<thead>
<tr>
<th>Sr. #</th>
<th>Test Parameter</th>
<th>Test Method</th>
<th>Test Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Penetration @ 25 °C, 100gm, 5 Sec., 1/10mm</td>
<td>ASTM D-5</td>
<td>60</td>
</tr>
<tr>
<td>02</td>
<td>Softening Point (R &amp; B), °C</td>
<td>ASTM D-36</td>
<td>53</td>
</tr>
<tr>
<td>03</td>
<td>Ductility @ 25 °C, 5cm / min, cm</td>
<td>ASTM D-113</td>
<td>&gt;100</td>
</tr>
<tr>
<td>04</td>
<td>Flash Point (COC), °C</td>
<td>ASTM D-92</td>
<td>348</td>
</tr>
</tbody>
</table>

PHOTOGRAPH: Photographs taken during our intervention are given as under,
PHOTOGRAPHS TAKEN DURING OUR INTERVENTION

Random Selection of Drums

Cargo Inside Drums in Solid Form

Selected Drum Heating Process

Cont’d…. P/4
PHOTOGRAPHS TAKEN DURING OUR INTERVENTION

Cargo Melt into Liquid Form After Heating Process

Collection of Sample Increment

Collected Sample

As per the instruction from the principal, SGS conducted the inspection for nominated cargo without performing container loading supervision. Therefore, the contents of this report only reflects our findings at the time, date and place of inspection and does not refer to any cargo that was dispatched/shipped from or will be received at any destination/port.

Due to limitations of sampling method and limited access to the entire volume of the cargo, the samples collected will not be representative of entire cargo but only that part accessible and sampled. SGS accepts no liability for the consequences of any action taken or not taken on the basis of this report. Our Inspection findings are at the time, date & place of our intervention only does not reflect any other matter and we do not undertake guarantee for congruence of results established at a later date.

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.

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.

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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 herewith 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 responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under any 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.

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