



SGS

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 Our Ref. No. : MIN12-1507
 Date : 12th August 2012
 Issuance : Alexandria
 Certificate No.: F190201/Ore001292

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PRE SHIPMENT QUALITY CERTIFICATE

According to Instructions received from Messer's "TAS FLOWRANCE Export & Import", to perform sampling, identified as indicative samples, and analysis for a shipment designated as per a client's statement emailed to us showing the following :-

Cargo : SILICA SAND
Quantity : About 5000 TONS
Place of Inspection : CLIENT'S STORES AT PORT SAID EAST

WE CERTIFY THAT:

Sampling:-

Carried out by our inspector on **31st July 2012** at client's stores at port said east, from reasonable number of jumbo bags according to BS 2975/2004, forming an indicative sample which duly and thoroughly mixed then divided into **five** indicative sub-samples Which labeled and sealed then distributed as follows:-

- **Two** Sealed and labeled samples with SGS Seals Nos. P 3415785 & P 3415788 retained by us, for a period of three months from sampling date unless written instructions received.
- **Two** Sealed and labeled sample with SGS Seal No. P 3415790 & P 3415793 for analysis purposes.
- **One** Sealed and labeled sample with SGS Seal No. P 3415781 handed over to our client.

Analysis:-

According to analysis carried out at SGS Mineral Laboratory, for indicative sample drawn by us on **31st July 2012** with SGS seal No. P 3415790 & P 3415793 where the analysis results were as follow:-

Chemical Analysis:-

Test	Results %	Ref. Method
Moisture	0.03	BS 2975:1988
L.O.I	0.14	
SiO ₂	99.62	AAS
Fe ₂ O ₃	0.016	
Al ₂ O ₃	0.13	
TiO ₂	0.018	
CaO	0.019	
MgO	0.003	
Na ₂ O	0.004	
Cr ₂ O ₃	2.00ppm	
Sieve analysis		BS 2975:1988
+ 0.600	0.82	
+0.425 -0.600	06.68	
+0.250- 0.425	41.59	
+0.125 - 0.250	49.46	
-0.125	1.45	

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.
 Sampling from any stationary stockpile is considered to be non-truly representative for the obvious reasons: the material is in static condition, not in movement and all the inner layers of material inside the pile are not accessible during sampling from the stockpile.
 Sampling will be carried out manually at depth 40cm from the pile's surface. Samplings from stockpiles are always limited.
 As a stationary stockpile limited sampling may not be truly representative of the entire cargo lot, the results of analysis may reflect the quality of the collected samples only. Therefore the stockpile pre loading inspection findings may be used for the indicative / informative or estimation purposes only prior to loading and none can be used for any kind of commercial final purposes or transactions.
 End of Certificate

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