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 Our Ref. No. : MIN11-0494
 Date : 23rd March 2011
 Issuance : Alexandria
 Certificate No.: F190201/Ore000469

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 4000 TONS
Place of Inspection : CLIENT'S STORES AT PORT SAID

WE CERTIFY THAT:

Sampling:-

Carried out by our inspector on 15th March 2011 at client's stores at Port Said, from Stock Pile & Jumbo Bags according to BS 2975/2004, forming an indicative sample which duly and thoroughly mixed then divided into three indicative sub-samples Which labeled and sealed then distributed as follows:-

- **Two** Sealed and labeled samples with SGS Seals Nos. I2003039 and I2003040 retained by us, for a period of three months from sampling date unless written instructions received.
- **One** Sealed and labeled sample with SGS Seal No. I2003041 for analysis purposes.

Analysis:-

According to analysis carried out at SGS Mineral Laboratory, for indicative sample drawn by us on 20th March 2011 with SGS seal No. I2003041, where the analysis results were as follow:-

Chemical Analysis:-

Test	Results %	Ref. Method
Moisture	0.04	BS 2975:1988
L.O.I	0.14	
SiO ₂	99.64	AAS
Fe ₂ O ₃	0.010	
Al ₂ O ₃	0.12	
TiO ₂	0.017	
CaO	0.014	
MgO	0.002	
Na ₂ O	0.002	
Sieve analysis		BS 2975:1988
+ 0.600	1.74	
+0.425 -0.600	7.83	
+0.250- 0.425	39.77	
+0.125 - 0.250	48.97	
-0.125	1.69	

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.

End of Certificate



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