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**Our Ref. No. :** MIN11-0290  
**Date :** 21<sup>st</sup> January 2011  
**Issuance :** Alexandria  
**Certificate No.:** F190201/Ore000280

### QUALITY CERTIFICATE

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

**Cargo :** SILICA SAND  
**Quantity :** About 2000 TON  
**Place of Inspection :** CLIENT'S STORES AT PORT SAID

**WE CERTIFY THAT:**

**Sampling:-**

Carried out by our inspector on 10<sup>th</sup> February 2011 at client's stores at Port Said, from stock pile 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. I2011797 and I2011798 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. I2011799 for analysis purposes.

**Analysis:-**

According to analysis carried out at SGS Mineral Laboratory, for indicative sample drawn by us on 10<sup>th</sup> February 2011 with SGS seal No. 2011799, where the analysis results were as follow:-

**Chemical Analysis:-**

Test	Results %	Ref. Method
Moisture	0.04	BS 2975:1988
L.O.I	0.10	
SiO <sub>2</sub>	99.73	
Fe <sub>2</sub> O <sub>3</sub>	0.012	AAS
Al <sub>2</sub> O <sub>3</sub>	0.09	
TiO <sub>2</sub>	0.017	
CaO	0.02	
MgO	0.003	
Na <sub>2</sub> O	0.005	
Sieve analysis		BS 2975:1988
+ 0.600	1.42	
+0.425 -0.600	6.54	
+0.250- 0.425	38.98	
+0.125 - 0.250	51.14	
-0.125	1.92	

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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