

SGS Report No.: MSRTS2300467-01A

**LOADING METHOD:**

From	Through	To
The stockyard, and then transferred to the quayside by tank trucks	shore cranes	Cargo holds No.1 2 3 4 & 5

**CARGO CONDITION:**

Prior to load operation, the cargo was stored in open stockyard in Caofeidian port. The cargo was found to be light brown agglomerates and powder mixed together. A very little agglomerates were noticed in the material which can not be crushed by manpower, and the other agglomerates can be crush by hand strength.

**Cargo holds inspection:**

Before loading, cargo holds were checked by vessel side with details as following:

It was declared by C/O that holds No. 1, 2, 3, 4 & 5 would load the nominated cargo. The cargo hold condition were checked by SGS surveyors, and found that the above holds and hatches appeared to be sufficiently clean, dry and ready to receive the intended cargo of GRANULATED BLAST FURNACE SLAG IN BULK.

Declared by the C/O that last three voyage cargos on board: IRON ORE FINES, COAL, COAL.

**SAMPLING:****Manual Sampling**

Sampling Standard:	GB/T 18046-2017
Sampling Location:	stockyard
Sampling tool:	30# sampling scoop
No. of sub-lots:	1 lot
Sub-lot size:	55000mt
Sampling intervals	approximately 100mt
Number of increments per sub-lot:	550 increments
Weight of each increment:	approximate 1kg

**SAMPLE PREPARATION:**

Gross sample collected was prepared at SGS sample preparation room for moisture and preparation of chemical sample. After chemical sample preparation, one set of chemical sample was sent to SGS Laboratory for analysis. The remaining samples shall be kept by us for 3 months, after which time shall be disposed of.

**DRAFT SURVEY:**

The total quantity of cargo loaded was determined by initial & final draft survey and we hereby report findings as follows:

**Fifty-five thousand (55000) metric tons.**

**WEATHER CONDITION:**

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Job No.:MNT2400028TJ

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Test Items	Unit	Result	Standard No.
		/	
Fe <sub>2</sub> O <sub>3</sub>	%	0.94	BS EN 196-2:2013(E)
SiO <sub>2</sub>	%	31.90	BS EN 196-2:2013(E)
Al <sub>2</sub> O <sub>3</sub>	%	15.75	BS EN 196-2:2013(E)
CaO	%	38.88	BS EN 196-2:2013(E)
MgO	%	9.76	BS EN 196-2:2013(E)
Cl	%	0.023	BS EN 196-2:2013(E)
SO <sub>3</sub>	%	0.10	BS EN 196-2:2013(E)
Na <sub>2</sub> O	%	0.37	BS EN 196-2:2013(E)
Mn <sub>2</sub> O <sub>3</sub>	%	0.29	BS EN 196-2:2013(E)
LOI	%	0.02	BS EN 196-2:2013(E)
Insoluble	%	0.09	BS EN 196-2:2013(E)
S <sup>2-</sup>	%	0.66	BS EN 196-2:2013(E)
Glass	%	98.6	GB/T 203-2008
Moisture	%	9.33	GB/T 18046-2017
(CaO+MgO+Al <sub>2</sub> O <sub>3</sub> )/SiO <sub>2</sub>	/	2.02	by calculating

Remark : 1.The test result of water was performed by SGS internal other laboratory.

\*\*\*\*\*The end\*\*\*\*\*



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