



CERTIFICATE OF QUALITY AND WEIGHT

REF: BO 200019932/06		DATE: 08.04.2024
COMMODITY DESCRIBED AS	: LOW CARBON FERRO MANGANESE	
SIZE	: 10 – 50 MM (90 PCT. MIN)	
QUANTITY (As per Suppliers Works)	: 50.000 MT NET WEIGHT(Fifty Metric Tons)	
PACKING	: IN 1 MT BIG BAGS [non-standardized]	
COUNTRY OF ORIGIN	: INDIA.	
B/L NO.	:	
DOCUMENTARY CREDIT NO. (As per B/L)	:	
CONSIGNEE (As per B/L)	:	
NOTIFY PARTY (As per B/L)	:	

SHIPPER/SELLER	: BERRY ALLOYS LIMITED. PLOT NO. 368, APIIC GROWTH CENTER, BOBBILI, DIST: VIZIANAGARAM – 535558, A.P., INDIA
PORT OF LOADING	: VISAKHAPATNAM PORT, INDIA
PORT OF DISCHARGE	: BUSAN, KOREA
WEATHER CONDITION	: SUNNY/FAIR
PLACE AND DATES OF ATTENDANCE	: From 27.03.2024 to 29.03.2024 for ssampling, sieve analysis, sample preparation, container stuffing, weighment supervision and container sealing at Manufacturer works, Bobbili.

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We have attended at the request of Shipper M/s Berry alloys limited, for sampling and analysis and container stuffing supervision for above designated cargo and we certify as under:

Upon arrival at the places of inspection, the cargo of Low Carbon Ferro Manganese was offered in 1 MT big bags [non-standardized] condition stacked within the work’s premises.

SAMPLING: Sampling and inspection method by followed with reference to ISO 4551 and 4552-1. Sample increments were collected by random selecting 10% from total offered consignment in big bags (non-standardized) at Manufacturer works, Bobbili on 27.03.2024, sampling does not reflect to the total offered consignment and random selected and sample collected big bags were sealed with plastic strip seals, requisite number of increments were collected for size and quality. Samples thus collected were subjected to sieve analysis and processed further as per SOP: No. SO-IN-MIN-TE-24/Ver1.0/11.08.2014. Sample Preparation: Total Gross sample manually--- crush to 10mm---divide by IR ---crush to 5mm – divide by IR ---crush to 2.8mm---divide by IR ---crush to 1 mm ---divide by IR and Pulverise to 150micron.

A total of five sample packets were prepared for quality at Manufacturer plant premises Bobbili on 28.03.2024 and sealed with our Holographic sticker seal no: INMIN00161806 to 161810. Two sealed sample packets were handed over to party and one sealed sample packet was submitted to in-house laboratory for analysis and remaining sealed sample packet was kept with us for future reference of 60days from the date of certificate.

SGS India Private Limited
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"The manual sampling method was agreed with the SGS Principal, as sampling by more reliable methods was not possible. Sampling of this type does not satisfy the requirements for probability sampling. The suitability of this sampling method is defined by the standard".

SIZE ANALYSIS: Sieves were used for size analysis and the results obtained are as follows:

Above 50MM : 3.90% (Three Decimal Nine Zero)
 Between 10 to 50MM : 91.55% (Ninety-One Decimal Five Five)
 Below 10MM : 4.55% (Four Decimal Five Five)

10% Randomly selected and sample collected 05 big bags out of 50 big bags seal no's from 243731 to 243735.

CHEMICAL ANALYSIS: One composite sample were analysed at our in-house laboratory Mn, Si and P as per IS 1559 : 1961 and for C & S as per ASTM - E 1019 : 2018 By LECO we have analysed and the weighted average results obtained are as under:

Parameters	Results Reported
Mn	80.61% (Eighty Decimal Six One)
Si	0.24% (Zero Decimal Two Four)
C	0.587% (Zero Decimal Five Eight Seven)
P	0.162% (Zero Decimal One Six Two)
S	0.010% (Zero Decimal Zero One Zero)

CONTAINER STUFFING DETAILS: Further we have attended for delivery supervision of sealed 1MT big bags(non-standardized) in following containers at Manufacturer works, Bobbili on 27.03.2024 and 29.03.2024, and details are as under:

Si.No.	Container Numbers	No. of Big Bags	SGS Container Seal Numbers
1		25	243736
2		25	243737
	TOTAL	50	

SUPERVISION OF WEIGHMENT: Further we have attended for supervision of container weighment along with trucks at Manufacturer works, Bobbili on 27.03.2024 and 29.03.2024, based on the weighment attendance, the gross and net quantity arrived for 50 (non-standardized) big bags is as under:

S	GROSS QUANTITY ARRIVED (Including big bags weight)	50.100 MTS
	LESS: BIG BAGS WEIGHT	0.100 MTS
	NET QUANTITY ARRIVED. (Without big bags weight)	50.000 MTS

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Certificate N°: 240408040C



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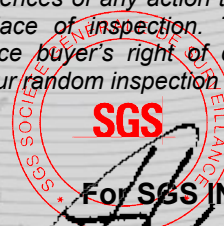
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Containers were sealed at site as per the client instruction, which then transported to destination at client's custodian. SGS's liability is limited only to execute the agreed scope as stated above on the date and time, and not any other form of guarantee.

The sole function of any seals applied by SGS is to indicate that the material bearing such seals has been inspected by SGS. Seals applied by SGS are not intended to secure material, lock the container of such material, or otherwise provide any security function. SGS does not provide security services and disclaims any liability in this respect.

"The findings of the stored Goods inspection contained herein (the "Findings") strictly relate to and cover examination of part or parts of the Goods safely accessible for inspection in accordance with the client's instructions. The Findings only relate to the time and place of inspection and do not constitute nor are intended to constitute evidence of the existence of part or all of the Goods prior to and after the time of inspection. SGS does not control the storage place of the Goods nor has any responsibility for the storage, custody and safety of the Goods. SGS does not guarantee nor make any representation about i) the accuracy and authenticity of the documents presented by the operator of the storage place (if any); ii) ownership of and title to the Goods; iii) quantity and quality of the Goods. SGS accepts no liability for the consequences of any action taken or not taken on the basis of this certificate/report." The above reflects our findings at time and place of inspection. This certificate does not relieve Sellers/Suppliers from their contractual responsibilities nor does prejudice buyer's right of claim towards Seller/Supplier for compensation for any apparent and/or hidden defects not detected during our random inspection or occurring thereafter.



For SGS INDIA PRIVATE LIMITED.

SGS

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