



CERTIFICATE OF QUALITY AND WEIGHT

REF: BO 200000062/16 DATE: 10.04.2023
 COMMODITY DESCRIBED AS : SILICON MANGANESE
 SIZE : 10 – 60 MM (90 PCT. MIN)
 QUANTITY (As Per Suppliers Works) : 200.000 MT NET WEIGHT (Two Hundred Metric Tons)
 PACKING (As per B/L) : IN 1 MT BIG BAG WITH LONG STRAP [non-standardized]
 (25MT MAXIMUM IN 20FT CONTAINER)
 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 LTD.
 PLOT NO .368, APIIC GROWTH CENTER,
 BOBBILI, DIST: VIZIANAGARAM - 535558
 (A.P), INDIA
 PORT OF LOADING : VISAKHAPATNAM PORT, INDIA
 PORT OF DISCHARGE : BANGKOK, THAILAND
 WEATHER CONDITION : SUNNY/FAIR
 PLACE AND DATES OF ATTENDANCE : On 03.04.2023 and 04.04.2023 for sampling, 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 Ltd, 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 Silicon Manganese was offered in 1 MT big bag with long strap [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 1MT big bags (non-standardized) at Manufacturer works, Bobbili on 03.04.2023, 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.



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A total of five sample packets were prepared for quality at Manufacturer plant premises, Bobbili on 04.04.2023 and sealed with our Holographic sticker seal no: INMIN00143516 to 143520. 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.

"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 60MM : 2.74% (Two Decimal Seven Four)
 Between 10 to 60MM : 91.44% (Ninety-One Decimal Four Four)
 Below 10MM : 5.82% (Five Decimal Eight Two)

10% Randomly selected and sample collected 20 big bags out of 200 big bags seal no's are from 190124 to 190143.

CHEMICAL ANALYSIS: One composite sample was analysed in our in-house laboratory Mn & Si as per ISO 4159 / 4158 : 1978 (E) & P as per IS 1559 :1961 Reaff 2018 and for C & S as per ASTM - E 1019 : 2018 By LECO we have analysed and the results obtained are as under.

Parameters	Results Reported
Mn	65.75% (Sixty-Five Decimal Seven Five)
Si	16.91% (Sixteen Decimal Nine One)
C	1.860% (One Decimal Eight Six Zero)
P	0.148% (Zero Decimal One Four Eight)
S	0.025% (Zero Decimal Zero Two Five)

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 03.04.2023, details are as under:

Si.No.	Container Numbers	No. of Big Bags	SGS Container Seal Numbers
1	CSYU 2010697	25	190144
2	TGCU 2017552	25	190145
3	SEGU 1318700	25	190146
4	TGCU 2180770	25	190147
5	PCIU 1760883	25	190148
6	SEGU 2002721	25	190149
7	CSYU 2008278	25	190150
8	CSYU 2006090	25	190151
	TOTAL	200	

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SUPERVISION OF WEIGHMENT: Further we have attended for supervision of container weighment along with trucks at Manufacturer works, Bobbili on 03.04.2023, based on the weighment attendance, the gross and net quantity arrived for 200 (non-standardized) big bags is as under:

GROSS QUANTITY ARRIVED (Including big bags weight)	200.400 MTS
LESS: BIG BAGS WEIGHT	0.400 MTS
NET QUANTITY ARRIVED. (Without big bags weight)	200.000 MTS

Containers were sealed at plant 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 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.



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