



**BUREAU
VERITAS**

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INSPECTION CERTIFICATE

No. RUMMTJ23003995-3

This is to confirm that at the request of our Client, Messrs. RUSNIKEL Ltd., we performed the inspection of the below described commodity:

Description of goods:	High-carbon ferrochrome, size 10-50 mm
Grade:	No declared
Regulatory and technical documentation:	No declared
Quantity:	20 big bags
Weight:	19968 kg (as declared)
Lot:	Lot №3
Date of inspection:	02.06.2023 г.
Place of inspection:	Svetly, Orenburg region

1. General: Appearance of the cargo. Sampling.

The material was found to be stored in metal containers in a dry covered warehouse of finished products at the production site of the Client At the time of the inspection.

The representative of JSC 'Bureau Veritas Rus' collected the increments at the time of transloading of material from metal containers into big bags.

The following information was indicated on the big bags:

Manufacturer, the name of the material, the number and the mass of the batch.

All big bags of entire batch were sealed by the corporate BV Rus' plastic seals.

2. Sampling And Sample Preparation.

2.1. Determination of the granulometric composition.

The sampling of increments was carried out manually by means of specially designated scoop out of each metal container in accordance with the requirements of GOST 22310-93 'FERROALLOYS. Method for Determination of the granulometric composition.'

The average mass of the increment, kgs: 25.00.

The number of the increments collected, pcs: 10.

The composite sample formed by combining of all collected increments.

The total mass of composite sample, kgs: 276.49.

The mass of the entire composite sample was subject to control sieving on stretcher sieves with a square mesh of 5, 10 and 50 mm without pre-drying and reduction.

The sieve analysis was performed in accordance with the requirements of GOST 22310-93.



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The results of the sieve analysis are given below:

<i>Fraction</i>	<i>%</i>
<i>Above 50 mm</i>	-
<i>10-50 mm</i>	<i>98,38</i>
<i>5-10 mm</i>	<i>1,49</i>
<i>Below 5 mm</i>	<i>0,13</i>

2.2. Determination of the chemical composition.

The sampling of increments was carried out manually by means of specially designated scoop out of each metal container in accordance with the requirements of GOST 57135-2016 'FERROALLOYS. Sampling And Sample Preparation.'

The average mass of the increment, kgs: 4.2; Minimum mass, kg: 4.0;

The number of the increments collected, pcs: 10.

The composite sample formed by combining of all collected increments.

The total mass of composite sample, kgs: 42.0.

The preparation of the laboratory sample was carried out in accordance with the requirements of GOST 57135-2016.

3. Chemical analysis.

The prepared laboratory sample delivered to an independent analytical laboratory for chemical analysis. The following results were obtained after the analysis completion:

Element	Cr	C	Si	P	S	Ti
Mass, %	65,2	6,13	0,26	0,037	0,035	0,004

The result of this inspection is valid for the time and place of the inspection

Dated: 22th of June, 2023
Issued in Moscow
For and on behalf of
JSC BUREAU VERITAS RUS

