

Spetsstroysooruzheniya, LLC

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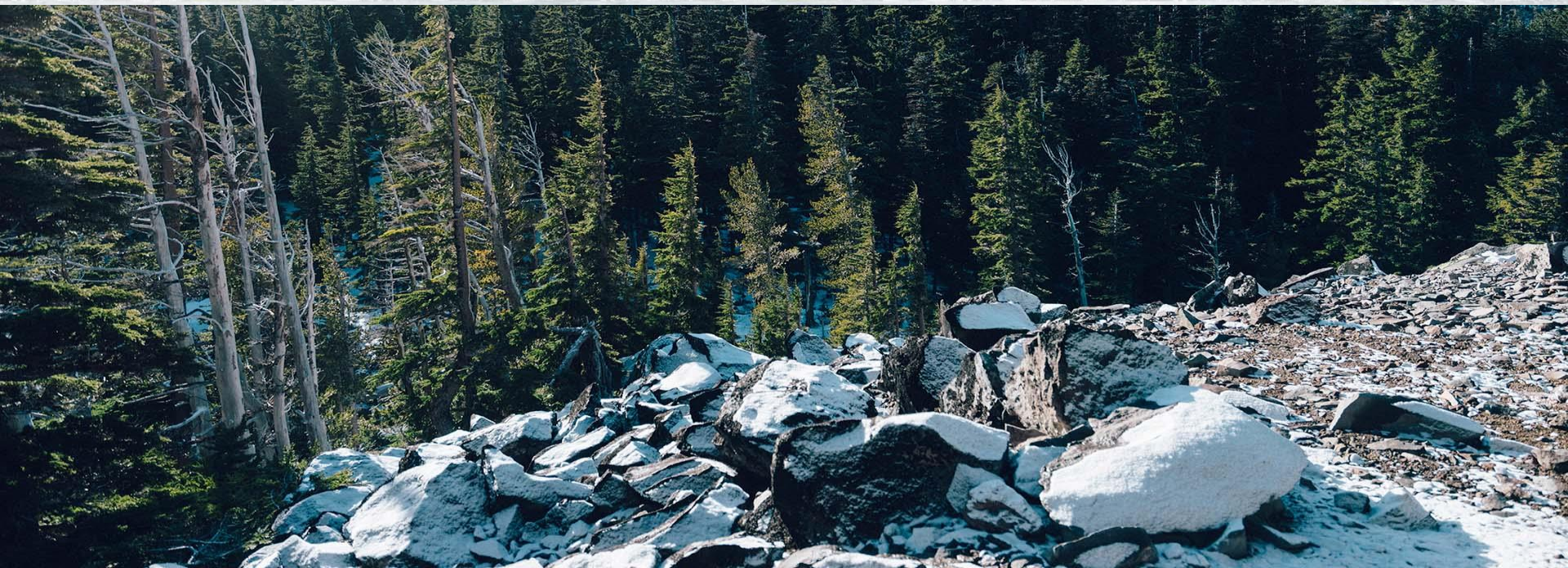
**Pyrite (sulphur pyrite),
Iron concentrate**

**GOST R ISO 9001-2015
(ISO 9001:2015)**

**GOST R ISO 14001-2016
(ISO 14001:2016)**



www.nast74.ru



Spetsstroysooruzheniya, LLC

Spetsstroysooruzheniya, LLC is in successful operation for more than 10 years in the market of ore sales to the Russia's neighboring countries and Europe. During this time, it has proved to be as a reliable supplier and business partner.

Delivery of the goods is carried out worldwide, there are direct contracts with the Russian Railways, freight forwarding companies and seaports.



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The company ensures the quality and competitiveness of products successfully. The enterprise owns a fleet of special-purpose machinery and a staff of qualified specialists. The strengths of the company are its constant and direct presence at all stages of product processing: from ore mining to its transformation into a finished product and its delivery to the customers.

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Spetsstroysooruzheniya, LLC

Our company holds the following:

1

The Certificate of conformity in the Quality management system in relation to trade of non-ferrous metal ores

+7(35168)55630
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2

The Certificate of conformity in the environmental management system in relation to trade in non-ferrous metal ores



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We offer delivery of:

FeS₂

**Pyrite (run-of-the-mine sulfur pyrite)
of various fractions:**

- 0-50mm,
- 20-40mm,
- 40-70mm,
- 50-300mm,
- 0-300mm.

Each batch is accompanied by the Certificate of quality.

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PYRITE

(run-of-the-mine sulfur pyrite) FeS_2



Pyrite is a raw material for the production of sulfuric acid, sulfur and iron sulfate. Currently, it is increasingly being used as a corrective additive in the production of cements. Pyrite is extracted in huge volumes during the development of hydrothermal deposits of copper, lead, zinc, tin and other non-ferrous metals.

The presence of pyrite in sedimentary rocks is due to the fact that it is formed in bottom silts and calcareous sediments of closed marine basins, similar to the Black Sea as a result of precipitation of iron by hydrogen sulfide. In addition, pyrite is formed in small quantities during magmatic processes. It often forms pseudomorphs on organic residues (wood and various residues of organisms).

Gold contained in gold deposits is often bound with pyrite, both spatially and in the form of microscopic inclusions in it.

Pyrite is distributed mainly in form of continuous masses, fine-grained aggregates, ore disconnects, and in sedimentary rocks - as aerites and septarian nodules of various shapes. The color on the fresh chip is light brass yellow to golden yellow, with time it changes to dark yellow, often with tarnishing due to the formation of a surface oxide film. It has a metallic luster.

Pyrite has conductive properties. Insoluble in water. Paramagnetic material.



PYRITE

(run-of-the-mine sulfur pyrite) FeS₂

Element name	Content	Inaccuracy, %
Copper, (Cu) %	0,1-0,5	+/-0,05
Iron, (Fe)%	43,0-45,0	+/-1,00
Sulfur, (S) %	45,0-50,0	+/-0,9
Cobalt, (Co) %	0,07-0,08	+/-0,008
Lead, (Pb) %	0,01-0,02	+/-0,004
Arsenic, (As) %	0,03-0,04	+/-0,014
Gold, (Au) %	0,2-0,3	+/-0,08
Silver, (Ag) %	2,0-4,0	+/-1,0



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We offer delivery of:

content Fe-59%,
content TiO₂-6,98%

Iron concentrate
fraction:

- 0-2mm

Each batch is accompanied by the Certificate of quality.

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Iron concentrate

content Fe-59%, content TiO₂-6,98%

Component name	Contents
Copper	0,058-0,078
Sulphur	0,065-0,115
Ferrum	57,93-59,47
Magnesium oxide	1,53-2,05
Calcium oxide	1,19-1,47
Aluminium oxide	3,35-3,93
Silicon oxide	5,34-5,98
Arsenic	0,024-0,032
Antimony	0,027-0,041
Nickel	0,007-0,009
Bismuth	0,021-0,041
Cadmium	0,0021-0,0041
Thallium	0,0043-0,0063
Cobalt	0,019-0,023
Indium	0,0036-0,0044
Selenium	0,001-0,0016
Tellurium	0,0004-0,0006
Zinc	0,2-0,28
Lead	0,0041-0,0083
Phosphorus*	0,07-0,18
Vanadium pentoxide*	1,36-1,51
Titanium dioxide*	6,13-6,98



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Spetsstroysooruzheniya, LLC



**Free on rail (FOR),
50 000 tons per year**



**Sea transport under
FOB terms,
50 000 tons per year**



**We have the opportunity
sample delivery
in small batches
from 1-10 kg**

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Spetsstroysooruzheniya, LLC (RUSSIA)

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**THANK YOU
FOR WATCHING !**

