

«Soth Ural State University»(NRC)

Faculty of «MIMT»

Departament of «Metallurgy»

# «Metallurgy of USA»

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P-237

US metallurgy is a typical old industry. Since the beginning of the second half of the XIX century, it largely depends on the development of industry and construction.

Metallurgy still has a rather significant impact on the territorial structure of the US economy, being a structure-determining industry for some old industrial areas.



# History of metallurgy

US ferrous metallurgy originated in the 70s. It was the country in the world for the smelting of cast iron and steel. Ferrous metal production was achieved in the early 1970s.

The reduction in smelting of ferrous metals in the United States, as in other economically developed countries of the West, is due to the following reasons. Firstly, a general decrease in the material consumption of production. Secondly, the depletion of the richest domestic iron ore deposits



# Types of metallurgical plants

In the United States, large metallurgical plants with a full production cycle are the main steel producers, there are only six of them.

1. AK Steel Holding
2. Bethlehem Steel
3. EVRAZ Portland
4. Nucor
5. Tredegar Iron Works
6. U.S. Steel

There are also mini plants, but they are not so noticeable because of the small volumes of production.



# Conclusion



Metallurgy in the United States, as in many countries, is an essential component of economic growth in the country. The US government has been steadily reporting significant industrial growth and high potential for domestic steel consumption.

Because metallurgy is a strategic base for the entire NAFTA region. And all other countries in the region are oriented to the United States



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