

Steelmaking and Iron Products (Cast Iron, Compacted Graphite Irons, Ductile Iron)

Description:

The iron and steel industry is one of the most important industries in India. Most iron and steel in India is produced from iron ore. The Indian Ministry of Steel is concerned with: the coordination and planning of the growth and development of the iron and steel industry in the country, both in the public and private sectors; formulation of policies with respect to production, pricing, distribution, import and export of iron and steel, Ferro alloys and refractories; and the development of input industries relating to iron ore, manganese ore, chrome ore and refractories etc., required mainly by the steel industry.

The iron and steel industry is playing a major role in the growth story of modern India. The Government of India has taken several initiatives for the growth and development of Iron and Steel Industries in India. India can be segmented into five product segments: Grey Cast Iron, Steel, Spheroidal Graphite Iron, Non-ferrous Metals, and Malleable Iron.

Iron is the second most common metal in Earth's crust, after aluminum, but because it reacts so readily with oxygen it's never mined in its pure form (though meteorites are occasionally discovered that contain samples of pure iron). Iron has been in widespread use now for about 6000 years. Hugely versatile, and one of the strongest and cheapest metals, it became an important building block of the Industrial Revolution, but it's also an essential element in plant and animal life. Combined with varying (but tiny) amounts of carbon, iron makes a much stronger material called steel, used in a huge range of human-made objects, from cutlery to warships, skyscrapers, and space rockets.

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Keywords: Business guidance for steel and iron industry, Cast Iron Production, Development of iron and steel industry in India, Foundry process of cast iron, Grey cast iron, How iron is made, How is iron manufactured?, How is iron produced?, How is Steel Produced, How to Start a Steel Business, How to Start a Steel Production Business, How to start a successful Steel iron business, How to Start an Iron & Steel Business, How to Start an Iron Business, How to Start an Iron Production Business, How to Start

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