

Low Carbon Ferromanganese Production

Description:

Low Carbon Ferromanganese Production. Manufacturing Project of Low Carbon Ferromanganese. Production of Ferroalloys

Low Carbon Ferro Manganese is widely used to manufacture tool steel and structural steel products. Low carbon ferro manganese required where carbon control in steel is strictly necessary 7% C and 74 - 78 % Mn is a standard ferro manganese used for the purpose allowing and deoxidation.

Ferro Manganese Low Carbon is also a major constituent of Mild Steel Welding Electrodes (E6013) and other electrodes.

Ferromanganese is a ferroalloy that has high content of manganese; it is manufactured by heating mixture of oxides Fe_2O_3 and MnO_2 along with carbon, which is usually coke and coal in an electric arc furnace or blast furnace. In the furnace, the oxides go through carbothermal reduction, hence, producing ferromanganese which is used as deoxidizer for steel. Main producing countries of Ferro Manganese are India, South Africa, Korea & Europe.

Manganese is largely used for creation of iron and steel alloys for building purposes, ceramics, bricks, catalyst and many more. Ferro Manganese is used in welding flux industry, in steel industry as a deoxidizer for steel and many other uses. Low Carbon Ferro Manganese that is widely acclaimed for its optimum quality and accurate composition.

Ferromanganese is segmented into two types namely, high carbon ferromanganese and medium carbon ferromanganese. The primary features of this element include good anti-oxidant properties, excellent chemical composition and low melting point. High carbon ferromanganese is an excellent antioxidant with high carbon content and is heat resistant. It has desulphurizing and anti-oxidant properties that has applications in metallurgy, chemical industry and steel industry among others.

For more details download PDF file.

Keywords: Low Carbon Ferromanganese, Manufacture of Low-Carbon Ferromanganese, Ferro Manganese Low Carbon, Ferro Manganese Manufacture, Low Carbon Ferro Manganese Manufacturing Process, Low Carbon Ferro Manganese Manufacture in India, Ferro Alloys Manufacturing, Manufacturing of Low Carbon Ferro Alloys, Low Carbon Ferromanganese Manufacturing Plant, Low Carbon Ferro Manganese (Medium Grade), Low Carbon Ferro Manganese Manufacture, Ferro Alloys, Production of Low-Carbon Ferromanganese, Project Report on Lo

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