

News:

ISM PMI Update: PMI at 53.6%

The manufacturing sector grew for the fourth consecutive month in November. While the rate of growth slowed when compared to October, the signs are still encouraging for continuing growth as both new orders and production are still at very positive levels, and the Prices Index fell 10 points, signaling less inflationary pressure on manufacturers' costs. Overall, the recovery in manufacturing is continuing, but many are still struggling based on their comments.

<http://www.ism.ws/ismreport>

Billion-ton iron ore deposit found in N China:

A 1-billion-ton iron ore deposit was found in northern Hebei province, official said Saturday. The 6-km long deposit is 41.43 to 108.95 meters thick on average and lies 100 to 600 meters deep underground, said Zhang Shaolian, head of Hebei Provincial Bureau of Land and Resources. In addition to the proved 1.04-billion-ton iron ore, the deposit has an estimated unproved reserve of 500 million tons.

www.chinadaily.com

Iron Ore Price to rise in 2010:

The raw material negotiations are slated to start in January and indications are that the increase in new contract prices could be between 10 and 30 per cent. Last year, iron ore contract prices were sealed at \$80/t. currently, spot iron prices in China are trading at \$126/t, an increase of 13.5 per cent in the past six months. Coking coal prices have increased to \$186/t since May. Last year, contract prices were \$129/t.

www.business-standard.com

Jaguar Mining Enterprises' Cascaronal Mine to Commence in January 2010:

With estimated reserves of 20 million metric tons, at full capacity the Cascaronal Mine is expected to contribute 25,000 tons per month of production to Jaguar Mining.

[Jaguar Mining Enterprises' Press Release](#)

Library



Types of Mold Casting:

Expendable Mould

Casting:

As its name implies, expendable mold casting makes use of expendable molds for the casting process. This does not imply the use of inexpensive materials, however; the process refers more to molds that have to be broken to remove the materials cast rather than 'throwaway,' single-use molds. Among the most common (and oldest) examples of the expendable mold technique is sand casting. Sand casting makes use of a "molding box" - actually a container filled with sand (usually 'green' sand) in which the patterns of the piece to be cast are set.

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