

# **COST REDUCTION MEASURES IN PELLETTISING PROCESS AT JVSL PELLETT PLANT**

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## **Abstract**

In order to reduce the cost of hot metal production at JVSL Works, great attention has been paid in improving the performance of the two COREX units with an annual output of 1.6 million tones. Pellet is the key iron bearing input and Special attention has been devoted to its production and quality.

The single unit of pelletisation plant with a grate area of 464 m<sup>2</sup> is capable of producing more than 3 million tones per year of pellets. Major efforts have been made to :

- Increase the plant productivity and lower energy consumption.
- Develop process control techniques and improve pellet quality.
- Improve maintenance so as to insure a higher work index.
- Rationalize plant management and reduce pollution effects.

This paper describes the effect of these measures in cutting pellet production costs. Details are given too of the recent steps taken to further improve the pellet plant. Some of the significant programmes now being pursued to attain even more marked improvements are outlined.