
CDE bags iron ore washing plant from Adhunik Metaliks

Friday, 01 May, 2009

Adhunik Metaliks has placed a repeat order for their Jamshedpur plant. This order is a result of the impressive results in reduced Alumina and Silica levels and a higher Fe content achieved in their ore through CDE's Iron Ore Washing plant.

The washing plant installed at Adhunik's Rourkela plant has successfully washed about 0.2 million tonnes of low grade ore and this washed ore has been effectively utilized for their DRI & Sinter plant. Utilization of low grade ore by applying the washing process significantly helped Adhunik in sourcing the Iron Ore from various mines in Barbil-Joda, Koira region which was otherwise dependant on very few mines who could provide the required high grade ore for their Kilns. Moreover, feeding of washed ore with comparatively less Alumina, Silica ensures better productivity and improved campaign life in their kiln.

In India, iron ore is loaded with contaminants like silica, alumina and clay. This reduces the overall Fe value of the material which is a barrier to the cost effective use of this material in steel production. In any steel making process, be it sponge iron production, blast furnaces, sinter plants or pelletization plants, there is a requirement to achieve a high Fe grade value and low values for unwanted contaminants within the feed material.

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