

Iron & Steel Summit

3 - 4 March 2006, Hotel Fidalgo, Goa, India

Viability of Integrated Mini Steel Complex

- Iron ore Mining
- Pelletization Technology
- Sponge Iron making & Co-generation
- Induction Melting & Continues Casting



Organiser



Networking the Steel Industry - Worldwide

www.steelworld.com/issummit06

Background

Last few years saw the emergence of mini sponge iron industry in India. Many small sponge iron units came up in the states like Chattisgarh, Orissa, Karnataka (Hospet), Jharkhand etc. All these regions have an abundant iron ore reserves which is the major input for sponge iron industry. Further, last few years also saw the scarcity coupled with exponential price rise in met coke and coking coal sector. This gave rise to thinking about alternative steel making route. Sponge iron production process does not require coking coal and uses non coking coal which is abundantly available in India. Sponge iron units produce a lot of flue gases and would pollute the atmosphere to a great extent. Instead of letting these gases go in the atmosphere, many units started using their heat to turn the turbine and eventually produce electricity. This power could be used to run the plant itself. Today, most of the states do not allow sponge iron units unless they have the 'Co-generation' module.

The natural forward integration to such a sponge iron unit is to install an induction or electric arc furnace and produce billets by continuous casting. Many such units which start with iron ore and finally produce billets have emerged in the above mentioned areas. These can be called as 'Integrated Mini Steel Complexes'. Having a complete supply chain under one roof gives a value addition from Rs.2000 (price of iron ore) to Rs. 16,000 (price of MS billet). This also ensures long term viability of the unit and it can withstand the price and demand fluctuations of the market.

The Summit

The summit will discuss the following topics in detail :

- The newest pelletization technology which can convert iron ore fines into pellets is to be used as feed material for a sponge iron unit.
Will it be useful and viable for small mine owners ?
- The process and the parameters of sponge iron making along with the co-gen module.
How and how much does this co-gen module influence the plant performance ?
- The Induction melting process parameters, efficiency optimisation etc.
What about short term and long term viability ?
- The continuous casting technology and practice.
Value addition at what cost ?

Apart from the above specialised topics, the summit will address itself to the issue of long term viability of integrated mini steel complexes. It will discuss the strategies to combat the price and demand fluctuation as well as the possibility of technology up gradation in the future.

Networking lunches and a grand cocktail dinner on the cruise in the evening will also form an important part of the event.

Who Can Benefit

- Iron Ore Miners
- Sponge Iron Manufacturers
- Mini / Midi Steel Plants
- Technology Companies
- Equipment Manufacturers
- Trading Houses
- Consultants
- Banks and Financial Institutions
- Policy Makers



5th Asian Steel Conference - Pannel Discussion



Organiser

'Steelworld' is a monthly magazine reaching more than 35,000 iron & steel industry professionals in Asian region. It conducts industry studies and brings out industry analysis reports from time to time. 'Steelworld' has launched a B2B industry portal, www.steelworld.com which facilitates information, consultancy and trading. It also produces a E-zine named 'Steelworld News Digest'.



'SANKET Trade Fairs', a group company of 'Steelworld', is a leading steel trade show organiser in Asia. It promotes meaningful & constructive interaction between steel professionals of various regions. It is the organiser of many popular events such as 'Asian Metallurgy' (a biannual exhibition on ferrous & non ferrous metallurgy), 'Extrusion Summit' (a annual conference on aluminium and copper extrusion industry), 'Iron & Steel Summit' (a annual conference covering steel industry raw materials)

EXPOSITION



An Exposition is being organised along side the Conference. The exposition will showcase new technologies, processes & products and inturn enhance business. The exposition will be open to delegates and other industry professionals.

Stand Details

Equipped Stand of
Size : 3 m X 2 m

(Registration form enclosed)

Venue

Hotel Fidalgo
18th June Road, Panaji, Goa - 403001, India.
Tel.: 0091-832-2226291 to 99, 2428101 to 10
Fax : 2225061
E-mail : info@hotelfidalgo-go.com



Registration Details

The delegate fee includes conference kit, presentation papers and lunch.
The delegate fee does not include travelling and accommodation.
Please send the duly filled in registration form (enclosed) along with the payment.

3 EASY ways to register

Tel : 91-22-26192376

26171575, 26171866

Fax : 91-22-26162817

E-mail : register@steelworld.com

Official Publication



Official Website

www.steelworld.com

Payment

Please refer Registration form for fees & payment instructions.

Stay

Goa is home to several famous beaches that draw visitors from all parts of the world.
It is just a 50 minute flight from Mumbai, India's commercial capital. Golden beaches, blue skies, green hills, silvery sands, fringed with palms - its charm lies in the fact that there is something for every tourist.
A discounted room rate is available for all delegates at the Venue. **Please contact the hotel directly to make your reservation. (mention code 'Steelworld Conference')**

**For Further Details Contact
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