

5th INTERNATIONAL IRON & STEELMAKING CONFERENCE

Registration Fee:
Up to 15th June, 2010:
Rs. 12,000/- / Euros € 750
Per Delegate

JOINTLY ORGANISED BY:

STEEL & METALLURGY
A COMPLETE STEEL MAGAZINE

AHK Indo-German Chamber of Commerce
Deutsch-Indische Handelskammer
Mumbai - Delhi - Kolkata - Chennai
Bangalore - Pune - Düsseldorf

6th & 7th August, 2010

The Gateway Hotel, Visakhapatnam, INDIA



CONFERENCE HIGHLIGHTS :

- Meeting Iron Ore, Coking and Non-Coking Coal & other Raw Materials for the Steel Industry
- Beneficiation of low grades ores
- Iron Ore & Coal: Mining & Exploration
- Mining lease and Captive Mining
- Traditional vs Alternate Ironmaking route
- Improving productivity of Blast Furnace & Electric Arc Furnace
- Coke Ovens and By Product Utilisation
- Co-generation of Power using Waste Heat
- Cost effective technologies for Iron & Steelmaking
- Continuous Casting
- Rolling Mills
- Investment Opportunities and Challenges in the Steel Industry
- Logistics for Raw Material Handling
- Demand Forecasting & Consumption Trends

PREAMBLE

The future of steel industry indeed lies in India which is blessed with abundant mineral resources including iron ore and non-coking coal. With acquisition of coking coal mines by Indian companies in countries like South Africa and Australia, India is claiming her rightful place at the 2nd largest Steel Producer in the league of nations.

However, the million dollar question is which steelmaking route should we adopt? Is it the DRI-EAF route or do we choose the traditional BF-BOF route? Is COREX or FINEX the right answer? Choosing the right technology, ensuring the supply of adequate raw materials and creating sustainable demand are key issues which will decide the fate of Indian steel industry. A comparative analysis with countries like Brazil, China and Russia would also help the Indian industry in assessing the potential and growth prospects.

Steel prices have risen significantly in the recent past in anticipation of recovery in demand and production. As far India and China are concerned, there is real demand. China and India are showing real demand growth. China has registered over 90% demand growth and India has been at the level of 9-10% and it is picking up. India's steel consumption rose by 6.8% during April – November 2009 over the same period a year ago on account of improved demand from sectors like automobile and consumer durables. On the other hand, India accounts for around 5% of the global steel consumption. Almost 70% of the total steel used is for kitchenware. However, its use in railway coaches, wagons, airports, hotels and retail stores is growing immensely. The demand has shrunk considerably the world over the extent of 25%. As far as price correction in November is concerned, domestic prices were more than international prices. India's steel production reached 28.49 million tones in April – September 2009. In 2008-09, production of finished (carbon) steel was 59.02 million tones. Significantly, state-owned steel maker, SAIL, which reported a net profit of US\$ 571 million in January-June 2009, beating steel majors such as ArcelorMittal, POSCO, Baosteel and Nippon in the half yearly profits. A Credit Suisse Group study states that India's steel consumption will continue to grow by 16% annually till 2012, fuelled by demand for construction projects worth US\$ 1 Trillion. The scope for raising the total consumption of steel is huge, given that per capita steel consumption is only 35 kg, compared to 150 kg across the world and 250 kg in China.

One tonne of molten metal roughly requires the movement of 4-6 tonnes of raw materials. By the rule of the thumb, when India talks of 200 million tonnes of steel production it means that she will need to move in 800 million tonnes of raw materials and move out (consume or export) a further 200 million tonnes of finished product. For doing the above, she will need ports, railways & highways with capacity to handle such huge quantities in a seamlessly integrated fashion. All this after, she builds the requisite capacities where this molten metal will be cast & rolled. And that is only for India. Add to it similar demands from an European east that is reinventing itself. The growth pangs to the South of America. The "riddle, wrapped in an enigma" that is China and the Australian ports that are already choked! Need we elaborate the critical nature of logistics and freight?

With the Global Steel industry as the arena, the cross currents are expected to work on each other shaping not only the future of steel, but

also contribute to the wealth of the nations in the years to come. The Chinese dominance of matters coal and steel, the enigma of dragon pricing; the growing hunger of a resurgent India that is today talking of colossal steel capacities sans the Coking coal to fuel it and Australia the promised El Dorado with a cornucopia of resources that can feed the hunger of , not only the BRIC countries but the world at large.

5th International Iron & Steelmaking Conference will focus on raw materials & technology and promises to be as thought provoking and content rich as its theme.

SCOPE

Some Key issues which will be discussed at the above conference include:

Meeting Iron Ore, Coal & Coke requirements for the Iron & Steel Industry

How will we meet the rising demands of Iron Ore & Coal? Are we likely to see a more transparent and faster mode of allotting captive Iron ore mines and Coal blocks? How viable is it to plan raw material imports? What is the future of pricing trends as far as Iron Ore & Coal are concerned? Should we go for a blanket ban on export of Iron Ore?

Beneficiation of Low Grade Ores & Restriction on Exports

Can we effectively utilize the low grade ores through beneficiation at reasonable cost? Should we impose a blanket ban on export of iron ore?

Which is the most viable Ironmaking route?

What is the most viable Iron & Steelmaking route today? What kind of Technology do we need to adopt for long term sustainability? Are the technologies eco-friendly? How can we effectively reduce the cost of production and enhance the quality of our product at the same time?

Available Technologies

What are the cost effective technologies available today. Is Corex / Finex likely to be successful? Can Ausmet or gas based technologies like Midrex and HYL prove to be successful? Can our DRI units survive in the long run?

Can we use alternative fuels? How do we effectively use waste-heat?

Can we look at the possibility of utilising alternate fuels? Are we really likely to get adequate supply of natural gas in the near future? What is the future of Gas-based technology in India? Can we use waste heat for co-generation of power?

Technological Development in Ironmaking, Steelmaking, Casting & Rolling: Do we need to upgrade our facilities?

What kind of automation levels do we need to adopt for cost competitiveness? Do we really need to revamp our age old furnaces and steelmaking facilities?

Environmental issues and Pollution Control

Are we really playing the role of good corporate citizens? On the other hand are the Pollution Control Boards exceeding the limits and using arm twisting measures in the name of Environment Management? What equipments do we really need and how much does it cost? Are the logistics in place? Can our ports, railways & highways handle the raw material needs?

Steel Pricing & Input Costs

When will the steel prices stabilize? Will raw material prices continue to hit the bottomline?

WHO SHOULD ATTEND

Integrated & Secondary Steel Producers, Iron Ore & Coal Mines, Mine Owners, Mining companies, Mining & Material Handling Equipment Suppliers, Sponge Iron Units, Electric Arc Furnace / Induction Furnace Units, Continuous Casting & Rolling Mills, Consultants, Technology Providers, OEMs, Metallurgical Equipment Suppliers, Eminent Metallurgists, Metallurgical Laboratories, Turnkey Project Consultants, Engineering Units, Automation Providers, Environment Management Companies, Pollution Control Equipment Suppliers, Govt. agencies, Pollution Control Boards, Electricity Boards, Coke Oven Equipment Suppliers, Technology & Equipment Providers for Blast Furnaces, Management Consultants, Financial Institutions and all those connected with this industry either directly or indirectly.



REGISTRATION

Registration Fee:

Up to 15th June, 2010: Rs. 12,000/- / Euros € 750

3 or more Delegates from the same organization:

Rs. 11,000/- / Euros € 700

After 15th June, 2010: Rs. 15,000/- / Euros € 850

3 or more Delegates from the same organization:

Rs. 14,000/- / Euros € 800

5 EASY WAYS TO REGISTER



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Kolkata 700 107, INDIA

CALL FOR PAPERS

Papers are invited from Iron & Steel Producers, Technocrats, Eminent Metallurgists, Consultants, Iron Ore & Coal Mines, Mine Owners, Mining companies, Mining & Material Handling Equipment Suppliers, Mineral Traders, Mining Consultants, Mining Engineers, Sponge Iron Units, Electric Arc Furnace / Induction Furnace Units, Continuous Casting & Rolling Mills, Technology Providers, OEMs, Metallurgical Equipment Suppliers, Metallurgical Laboratories, Turnkey Project Consultants, Engineering Units, Automation Providers, Environment Management Companies, Pollution Control Equipment Suppliers, Govt. agencies, Pollution Control Boards, Electricity Boards, Coke Oven Equipment Suppliers, Technology & Equipment Providers for Blast Furnaces, Management Consultants, Financial Institutions etc. and other key players from the core sector.

Authors are requested to send the full text of the paper (within 2000 words) neatly typed in A4 Bond Paper or in a soft copy in CD ROM in MS Word format or can be e-mailed to the following address:

Mr. Nirmalya Mukherjee

Convenor

5th International Iron & Steelmaking Conference

C/o. Steel & Metallurgy

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E-mail: nirmalya@steelmetallurgy.com /

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TO STAY IN VIZAG

To make your stay convenient and comfortable during the "5th International Iron & Steelmaking Conference" we have negotiated very special rates for a limited number of rooms with **THE GATEWAY HOTEL, Visakhapatnam**. The following are the special rates of the rooms inclusive of buffet breakfast exclusive of 5% tax.

Standard Garden View Room:

INR 4000 + Taxes per room per night on Single Occupancy

INR 4500+ Taxes per room per night on Double Occupancy

Executive Sea View Room:

INR 4500 + Taxes per room per night on Single Occupancy

INR 5000+ Taxes per room per night on Double Occupancy

For further details please contact:

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Email: Shobhit.Kulshreshtha@tajhotels.com or gateway.visakhapatnam@tajhotels.com

SPONSORSHIP

Sponsorship is proven to distinguish companies from their competitors and is the perfect way to ensure delegates remember your company. By sponsoring you will have the opportunity to reach the decision makers & senior level of iron & steel executives and industry analysts. Choose from the following sponsorship options:

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Rs. 50,000 / Euros 1,000

PAYMENT

DDs/Cheques should be drawn in favour of **Steel & Metallurgical Information Services**, payable at Kolkata. Please add Rs. 100/- for all outstation cheques.

Foreign Exchange remittances may please be made by **Bank Telegraphic Transfer only** as per the following details:

Beneficiary: Steel & Metallurgical Information Services

Account no. 023-277270-001

SWIFT Code: HSBCINBB

Bank: HSBC

Branch: Gariahat Branch

**Address: Fort Terrazzo
5, Ramani Chatterjee Road
Kolkata 700 029
INDIA**

BUSINESS PROMOTION OPPORTUNITIES

Exhibition Stall (2m X 2m):

Rs. 50,000 / Euros 1200

Banner Display:

Rs. 25,000 / Euros 750

Insertion of Company

Brochures / Catalogues/

Cds in Delegate Bags: Rs. 10,000 / Euros 300

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Front Inside Cover : Rs. 75,000 / Euros 1500

Back Inside Cover : Rs. 75,000 / Euros 1500

Back Cover : Rs. 1,00,000 / Euros 2,500

Full Page Colour : Rs. 50,000 / Euros 1200

Half Page Colour : Rs. 30,000 / Euros 600

EXHIBITION

An exhibition is being organised alongside the Conference, which will showcase new technologies, process & products and inturn enhance business. Exhibition stall spaces of **2m X 2m** is available in the conference venue at a cost of **Rs. 50,000/- (€ 1200)** only. **1 (one) delegate is complimentary per Exhibition Stall.**

