

INDIA COKE

Wednesday, January 17 – Friday, January 19, 2007 Taj Bengal, Kolkata, INDIA

Praise for Intertech-Pira's Met Coke conferences:

"It is *the* conference to attend in order to establish networks with coke suppliers."

Fred Mazurski, Manager, USG Corporation

"(Met Coke World Summit) is attended by the key individuals in the industry. It is an annual 'must be there' for me."

Jim Truman, Coal Market Analyst, Hill & Associates

"Well organized, well delivered, well managed."

Sergey Yurchenko, JSC Krasnoarmeysk Silica Brick Plant

"There is no other conference that deals with the changing coke market and the factors that influence it better than Intertech-Pira's annual Met Coke Summit."

Ted Todoschuk, Senior Research Leader, Dofasco, Inc



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Portland ME, 04105
USA

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Hotel information

Taj Bengal

34B, Belvedere Road

Alipore, Kolkata 700 027, India

Tel: (91-33) 22233939

Reserve your hotel room prior to December 28 to get the discounted conference hotel rate of \$190.00 US/8770 INR. Be sure to mention that you are attending Intertech's India Coke conference.

Conference Registration Form

Step 1 Your details

Please Circle One: Mr Ms Mrs Dr

First/Last Name _____

Job Title _____

Organization _____

Address _____

City _____ State/Province _____ Zip _____

Country _____ Telephone _____

Fax _____ Email _____

Please send me updates about future coke events ☐ Yes ☐ No

Step 2 Event options

Choose your payment package:

Early Bird Registration Fee (through Dec. 22) \$1395 ☐

Conference Registration Fee (after Dec. 22) \$1495 ☐

India Resident Rate INR 27000 ☐

Tier 1 Exhibit Table (includes registration fee) \$2500 ☐

Tier 2 Exhibit Table (booth only) \$1500 ☐

Preconference Seminar 1 (Coke Plant Technologists) \$495 ☐

Preconference Seminar 2 (Blast Furnace Ironmaking) \$495 ☐

Preconference Seminar 1 (India Resident Rate) INR 13000 ☐

Preconference Seminar 2 (India Resident Rate) INR 13000 ☐

Step 3 Payment method

Check/banker's draft Payable to Intertech-Pira ☐ Please invoice my company ☐

Charge my credit card: American Express ☐ Visa ☐ MasterCard ☐

Bank Wire Transfer (details sent upon registration) ☐

Card no:Expires:

Signature:Date:

5 Easy Ways to Register

Web www.intertechusa.com/indiacoke.html

Phone +1 207.781.9614

Email khaney@intertechusa.com

Fax +1 207.781.2150

Mail 19 Northbrook Drive Portland, ME 04105 USA

The conference proceedings, lunches, refreshment breaks, access to exhibit area, and receptions are included in the conference fee. Registration fees are fully refundable if cancellations are made in writing by December 5th. After this date, there is a \$100 cancellation fee. Substitutions may be made at anytime.

SPONSORSHIPS AND EXHIBIT SPACE

Take this opportunity to increase your visibility before a highly qualified audience of key decision-makers. Sponsorships are available for several functions at the conference, and we also offer tabletop exhibit space. For details on these opportunities, contact Brian Santos: +1 207.781.9618 or bsantos@intertechusa.com.

USA +207.781.9614
www.intertechusa.com/indiacoke.html



INTERTECH



INDIA COKE

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Mining Events

January 17-19, 2007
Taj Bengal
Kolkata, INDIA

INDIA COKE

About the Conference:

Intertech-Pira's Met Coke World Summit and EuroCoke Summit are well established as the preeminent gatherings for the international metallurgical coke community. Now, for the very first time, Intertech-Pira's coke conference will be held in India. Offering market analysis, output projections, insight into the latest technical advances, and solutions to the most pressing issues of the day, Intertech-Pira's metallurgical coke conferences are a must-attend for anybody with a stake in the industry.

Who Should Attend:

This conference will draw a who's who of the supply chain both from India and abroad and will present an excellent networking opportunity for anyone invested in the coke, coal, or steel industries. Attendees will include key executives from integrated steel mills, coke producers and suppliers, coke and coal dealers, traders and brokers, suppliers and developers of coke and coal processing equipment, iron foundry operators, alloy smelters, and mining processors and distributors.

INDUSTRY OVERVIEW

The emergence of a steel giant and the challenges of increased coke demand

India has become one of the largest steel producers in the world as production is expected to increase for the foreseeable future (an extra 72 mtpy by 2020). As India's steel production has grown, its demand for steelmaking raw materials has grown as well. Despite being the world's fourth largest coal producer, India may have to import as much as 36 million tons of coking coal by 2011 to keep pace with demand. Meanwhile, investment in infrastructure and industry in Asia will ensure that coke prices remain robust. High prices and increased demand mean that now, more than ever, the impetus will be on Indian coke producers to increase production and efficiency while also maintaining a high standard of quality. As the Indian steel market continues to grow the challenges facing Indian cokemakers will be many: environmental controls, coke plant expansion, upgrading ageing facilities, integrating new technologies, and high international coke prices. All of these topics and more will be addressed at India Coke Summit 2007.

Conference Co-Chairs:

Mr Arun Kumar Jagatramka
Vice Chairman & Managing Director
Gujarat NRE Coke Ltd

Dr Hardarshan Valia
President
Coal Science Inc

Dr Neil J Bristow
Chief Analyst, Carbon Steel Materials
BHP Billiton Marketing Asia

CONFERENCE PROGRAM

Preconference Seminars

Preparing a New Generation of Coke Plant Technologists

Wednesday, January 17, 9:00 – 12:30
Instructors: Dr Hardarshan Valia & Dr Allan Ellis
Coal Science Inc

The challenge to a coke maker in today's industry is to fulfill the growing demands of iron makers for supplying a low cost and high quality coke from coals that are not detrimental to the life of the battery. This course will examine the current and future state of disparate cokemaking technologies from around the world; specifically, their mode of operation, and steps for producing coke that results in low hot metal cost

Topics to be discussed will include:

- Introduction: Current Needs for Cokemakers
- Current Coke Plant Technologies
 - Major Technology - Slot Oven
 - Minor Technology - Non-Recovery
 - Emerging Technology - Heat Recovery
- Future Coke Plant Technologies
 - Based on Modifications to Slot Oven
 - Based on Continuous Coke Making
 - Detailed Description and Operation of Slot Oven Batteries
- Detailed Description and Operation of Non-Recover/Heat Recovery Batteries
- Use of Statistical Methods
 - For Quality Control
 - For Operation Control
 - For Start Up Control

This course is designed to benefit people of any level of expertise in the coking/metallurgical coal industry

Outlook for Blast Furnace Ironmaking

Wednesday, January 17, 13:30 - 17:00
Instructors: Dr Joe Poveromo
Quebec Cartier Mining Co

This seminar will begin by explaining how a blast furnace is used in ironmaking, then move on to current global trends in blast furnace operation. Participants will also examine other aspects of blast furnace ironmaking, such as sourcing of raw materials including iron ore and coke, using competitive ironmaking processes and steelmaking process routes, and challenges facing the blast furnace process. Course highlights will include:

- Examining the future of blast furnace operation
- Analysis of factors that contribute to decreased hot metal costs
- Methods for reducing coke consumption
- Potential alternative iron-making processes

For agenda updates or to sign-up please

Evening Cultural Program

Wednesday, January 17, 18:00 - 20:00

Join us on the evening of January 17th for food, drink, and entertainment with a distinctively Indian flair. A great way to meet fellow colleagues while immersing yourself in the rich cultural tradition of India.

Event produced by co-organizer Steel RX:



Session One: India's Coke Industry and Vision for the Future

Thursday, January 18, 9:00-12:00

India is rapidly becoming a giant in the steel, coal, and coking coal industries and will continue to grow for the foreseeable future. This session will feature speakers from Indian coke and coal companies as well as prominent regional government officials. Attendees will learn about India's vision for its coke and steel future and what steps are being taken to make that vision a reality. This session will include a 30 minute refreshment break.

Featured Speakers include:

India's Coke Industry: Past, Present and Future

- A K Jagatramka, Vice Chairman & Managing Director
Gujarat NRE Coke Ltd

Networking Luncheon - 12:00 - 13:30

Session Two: Industry Overview and Market Analysis

Thursday, January 18, 13:30 - 15:00

Our first afternoon session will feature in-depth analysis of the internal coke, coal, and steel markets and what current market trends mean for those involved in the coke industry both in India and abroad. Speakers will address drivers and influences in the current market and will present forecasts for 2007 and beyond. Participants will gain a better understanding of where the market currently stands and where it is going to go.

Featured Speakers include:

Steel, Coke, and Coking Coal Market Overview

-Ronnie Cecil, Senior Consultant
CRU Analysis

India's Economic Growth and its Influence on the Coke and Steel Industry

-Prasade Ranade, Independent Consultant

Refreshment Break - 15:00 - 15:30

Session Three: The International Coke Industry

Thursday, January 18, 15:30 - 17:30

This session will examine developments in the coke industry outside of India's borders. Attendees will learn of technical developments and plans for expansion in China, Korea, the United States, and Europe.

Featured Speakers include:

Progress in Cokemaking Technology

-Martin Reinke, General Manager of Business Development, Coke Plant Tech.
Uhde GmbH

The Chinese Coke Market

-Yang Bin, Vice President
China Coke and Coal Holdings Ltd

Recent Developments and Future Plans at Sun Coke

-Michael Barkdoll, Manager of Technology Development
Sun Coke

Expansion and Mid and Long-Term Coke Supply and Demand

-Hyo Jun Lim
POSCO

Evening Cocktail Reception

Thursday, January 18, 18:00 - 20:00

Meet with speakers and fellow attendees over cocktails and hors d'oeuvres during this two-hour reception.

Session Four: New Technical Developments

Friday, January 19, 8:30-16:00

Session four will bring together leading experts from around the world to discuss the latest in coke-related processes. Participants will walk away with a firm grasp of the state-of-the-art in cokemaking technology and with the increased technical knowledge needed to succeed in the industry. This session will include a morning and afternoon refreshment break and a 90-minute networking luncheon.

Featured Speakers Include:

Coking Coals from Selected Regions of the World

-Hardarshan Valia, President,
Coal Science Inc

Experience of SAIL for Producing Quality Coke from Different Sources and its Effect on Blast Furnace Operation

-G I S Chuahan, R K Vijayavergia, & S K Sinha,
Steel Authority of India Ltd, R&D Centre for Iron & Steel

Coking Coal Scenario and Blending of Coals for Cokemaking: Efforts Toward Coke Rate Reduction

-L. Parthasarthy
Steel Authority of India, R&D Centre

Environmental Issues with Non-Recovery Cokemaking

-H K Chati, General Manager Coke Technology and Development
Sesa Goa

Alternative Ironmaking Processes

-Joe Poveromo, Director of Technology,
Quebec Cartier Mining Co

Production of Quality Low-Ash Metallurgical Coke

-Dipak Agarwalla, Director
Saurashtra Fuels Pvt Ltd

Closing Comments and Remarks 16:30 - 16:45