4th International industrial conference

EAF STEEL PRODUCTION: TECHNOLOGY, EQUIPMENT, MATERIALS

Hosting by Eurasian Metals

with support of Ministry of Industry and Trade and Russian Steel Association

February 13, 2020,
Moscow, Golden Ring Hotel, Smolenskaya str. 5

February 14, 2020,
Trip to Byelorussian Steel Works, Zhlobin, Republic Belarus

Topics

- Current situation and challenges for the industry: outward factors
- Quality and efficiency from raw materials to steel products: inward factors and solutions
- Development and improvements in EAF equipment: cooperation with partners
- Reduction of costs and downtime during operation and repairs in electric steel shop: best practices
11:30 Session 2. Increase of quality and efficiency on all stages

Moderator: Takhir Galliullin, Chairman of the Commission for production, technical development and education, Russian Steel Association, Director of Department for technology development, Mechel-Steel

Addressing remark
Alexey Ushakov, Deputy director, Department of metallurgy and materials, Ministry of Industry and Trade, RF

Preliminary industry results 2019. Key challenges for Russian steelmakers
Alexey Sentyurin, Executive Director, Russian Steel Association

State support measures for Russian steelmakers
Alexey Kanayev, Deputy of the RF State Duma, Co-chairman of the Expert Council on the issues of metallurgical and mining industries with the State Duma Committee on Economic policy, Industry, Innovation development and Entrepreneurship

How will EAF growth in China, India and other Asia impact scrap markets
Irina Melkonyan, Analyst, CRU, UK

Scrap quality improvement for increasing efficiency of electric steel production
Dr. Dmitry Elanskiy, Assistant professor of MISIS National University of Science and Technology

10:40 Questions and answers
11:00 Coffee break

11:30 Session 2. Increase of quality and efficiency on all stages of steelmaking production: inward factors and solutions

Moderator: Konstantin Kosyrev, Chairman, Steelmakers Association

Advanced technologies in secondary metallurgy
Franco Gandin, Senior Process Technology Engineer, Danielli Centro Met, Italy

How to extend the service life of some refractory in EAF
Zdenek Bartos, Technical director, Cimprogetti, Italy

Extension of time limit for casting ladle lining
Alexey Yeremin, Head of the Production and Technical Department, NLMK-Kaluga

Increase of operational efficiency and cost competitiveness of mini-mill steel melting shops. NMMZ’ case
Dr. Yakov Gordon, Technical director, HATCH, Canada

Autopilot and designer for Technologist on secondary metallurgy
Nikita Alalykin, General director, Scientific and Research Center “Hi-Tech Metallurgy”, Ltd

Performance and safety improvement achieved by EAF technology from INTECO
Dr. Christian Redl, Vice-president for sales, INTECO, Germany

12:40 Questions and answers
13:00 Lunch
14:00 Session 3. Development and improvements in EAF equipment: cooperation with partners

Moderator: Dmitry Elanskiy, Assistant professor of MISIS National University of Science and Technology

Tenova and FMF®: an innovative solution for flexible steelmaking. Operative results
Davide Masoero, Area manager, Tenova Melt Shops, Italy

Innovative system Q-One – breakthrough technology for drastically reducing of using electric power as well as electrode and refractory consumption
Manuel Bianco, Sales manager for Q-One product, Danieli Digital & Met, Italy

Potential of EAF Quantum Technology
Deniz Catan, Technical sales manager in electric steel making, Primetals Technologies, Germany

Enhancing the availability and efficiency of the EAF
Markus Abel, Managing director, triples, Germany

CONPRO – solution for a flexible EAF fed by hot metal and scrap
Katharina Vagts, Project-manager, SMS Group GmbH, Germany

15:20 Questions and answers
16:00 Coffee break

16:30 Session 4. Infrastructure projects for effective work of EAF

Moderator: Sergei Botnikov, Chief technologist, Department on project implementation, Project “Electrometallurgical complex” Vyksa Steel Works

Directions of TMK steel division development under current conditions
Valery Krasilnikov, Chief metallurgist, TMK

Designing and introducing efficient measures for production on high quality steel at the Vyksa Steel Works
Sergey Botnikov, Chief technologist, Department on project implementation, Project “Electrometallurgical complex” Vyksa Steel Works

Application drying posts and of metallic charge heating for a save charge of EAF under conditions of a casting-rolling complex of AO “VMZ”
Maxim Volkov, Chief specialist on technology of steel production, Division on metallic processes, Engineering-technologic center, Vyksa Steel Works

Furnaces and systems for production your own lime of the best quality
Gianpaolo Gotti, Sales & Application manager, Cimprogetti, Italy

Energy efficient steel production with the Primary Energy Melter (PEM)
Katharina Vagts, Project-manager, SMS Group GmbH, Germany

17:40 Questions and answers
18:00 Closing the 1st Day of the Conference
18:15 Cocktail reception

Trip to BMZ (at a personal choice)
21:22 Departure from Moscow to Zhlobin, Belorussky railway station, Train 055B

FRIDAY, FEBRUARY 14

08:13 Arrival to Zhlobin, Republic Belarus
09:00 – 19:00 Visiting Byelorussian Steel Works
20:06 Departure from Zhlobin, Train 056 B

SATURDAY, FEBRUARY 15

07:23 Arrival to Moscow, Belorussky railway station
February, 14. Friday

**Visiting Byelorussian Steel Works, Zhlobin, Republic Belarus**

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<td>13th Feb.</td>
<td>21:22</td>
<td>Departure from Moscow to Zhlobin, Belorussky railway station, Train 055B</td>
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<td>14th Feb.</td>
<td>08:13</td>
<td>Arrival to Zhlobin, Republic Belarus</td>
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<td>19:53</td>
<td>Departure from Zhlobin, Train 055Ч</td>
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<td>15th Feb.</td>
<td>06:53</td>
<td>Arrival to Moscow, Belorussky railway station</td>
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**Byelorussian Steel Works (BSW)**

**Key points**

- Built in 1984 by Voest Alpine and Danieli on turnkey terms as a mini-mill with steel capacities of 700,000 tpy, now BSW produces more than 2.5 Mt/y of raw steel and wide range of steel products – tubes, cord, wire, bars, steel fiber, billets

- BSW steel melting shop comprises three powerful EAF, three CCM and equipment of secondary metallurgy

- During the last five year BSW investments in modernization and technical re-equipment of production exceed one billion dollars
Company details:

Company: 
Address: 

Participants details:

1. Firstname / Surname / Job Title
Tel.:  
E-mail: 

2. Firstname / Surname / Job Title
Tel.:  
E-mail: 

3. Firstname / Surname / Job Title
Tel.:  
E-mail: 

The registration form should be send to e-mail: subscribe@eurasmet.ru, ratanova@eurasmet.ru

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