

International Seminars 2014

Seminars for the steel industry





Refractory Technology – Applications, Wear Mechanism and Failures

Supported by Technical Committee Refractory Materials of
the Steel Institute VDEh

4 to 7 May 2014, Cologne

Content:

Steel Manufacturing Process / General Overview of
Wear Mechanisms / Methods for Examination of the Refractory
Material after Use / Economics in Refractory Usage / Refractory
Lining Concepts of the following Aggregates: Blast Furnace,
Tap Hole and Runners, Torpedo Ladle, Oxygen Blowing Converter,
AC and DC Electric Arc Furnaces, Steel Teeming Ladle,
Continuous Casting Plant / Teamwork on Failure Case Studies

Safe and Reliable Use of Plastic Materials in Pickling Plants

Supported by VDEh-Betriebsforschungsinstitut BFI and Swerea KIMAB

27 May 2014, Düsseldorf

Content:

General Introduction to Plastic Materials used in Pickling Plants /
Case Histories from Steel Plants Using Plastic Materials in Process
Equipment / Highlights from the CORSA Project / Experience with
Plastic Piping and Bathes in Pickling Plants / Welding Techniques
for Plastic Components in Industrial Applications / Engineering
Plastics for Pickling Lines – Crucial Plastic Properties to be Consid-
ered / Innovative PP Materials for Chemical Plant Construction /
Continuations and On-Going Work on Maintenance Recommenda-
tions for End-Users

Coke Making

Supported by Coke Making Committee of the Steel Institute VDEh

2 to 5 June 2014, Cologne

Content:

Production of Iron and Steel / Blast Furnace Process / Coke Making
Technologies / Coal Formation, Mining and Beneficiation / Coal
Quality / Coal Blending / Coal to Coke Transformation / Coke Qual-
ity / Coke Oven Machine Management / Battery Heating / Coke
Quenching / Environmental Protection / Coke Oven Life Prolonga-
tion / Automation and Shut Down Principles / By Products / Coking
Plant Tour at KBS Schwelgern, Duisburg

Refractory Technology – Steel Ladle Lining

Supported by Technical Committee Refractory Materials of
the Steel Institute VDEh

1 to 3 July 2014, Saarbrücken

Content:

Steel Ladle Lining Concepts of: Salzgitter Flachstahl, Germany / ArcelorMittal, Fos-sur-Mer, France / Tata Steel, Rotherham, UK / Dillinger Hütte, Völklingen, Germany / voestalpine Stahl, Linz, Austria / Ruuki Metals, Raahelä, Finland / Deutsche Edelstahlwerke, Witten/Siegen, Germany / Tata Steel, IJmuiden, Netherlands / Baosteel Shanghai, China / Hüttenwerke Krupp Mannesmann, Duisburg, Germany / Steel Plant Tour at Dillinger Hüttenwerke

Continuous Casting Of Steel

Seminar with Steel Plant Tour

25 to 28 August 2014, Cologne

Content:

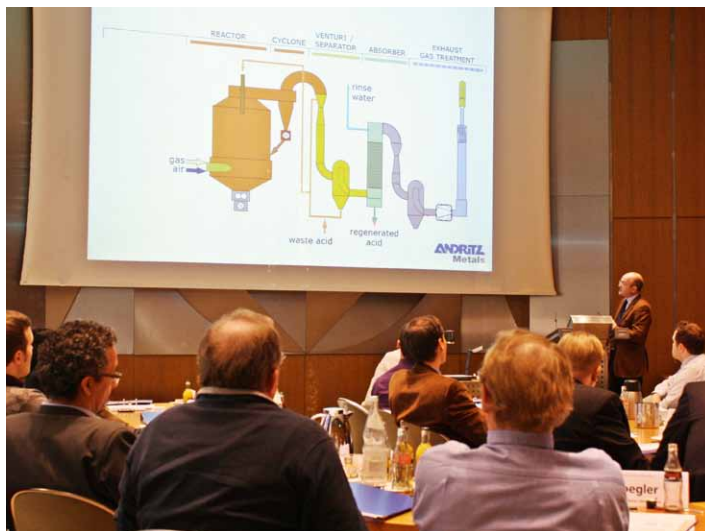
Introduction to Metallurgy of Solidification / Technology of Continuous Casting of Steel / Cooling Systems / Strand Guiding / Mechanical Stress / Heat Transfer in Continuous Casting / Development of As-Cast Structure / Fluid Flow in Mold and SEN / Performance of Casting Flux in the Mold / Oscillation Marks / Surface Defects other than Cracks and Regular / Coupling of Casting and Rolling / Continuous Casting Plant Tour at Hüttenwerke Krupp Mannesmann

In the pipeline for 2015:

- Iron Making
- Refractory Materials and Slags in the Metallurgy
- Electrical Engineering of Arc Furnace
- Continuous Casting of Steel
- Material Technology of Steel
- Radioactivity in Steel Scrap

Detailed information to our seminars: www.steel-academy.com





The Steel Academy is an institution for advanced professional trainings and a department of the Steel Institute VDEh. The Academy has now been in existence for more than 40 years as the cross-company training arm of the German steel industry and related sectors. The first international seminar was held in the year 2000.

Information and Registration

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Registration fee for each seminar* (VAT-free, board and lodge are not included):

990,00 € for employees of member companies and individual members of the
Steel Institute VDEh
1190,00 € for non-members

*except for the BFI / Swerea KIMAB Seminar (390,00 €)

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