

List of Publications

Risonarta, V.-Y.; Kirschen, M.; Echterhof, T.; Jung, H.-P.; Lenz, S.; Pfeifer, H.:

Higher cost and resource efficiencies during stainless steelmaking in EAF,
Stahl und Eisen Vol. 131 (2011) Nr. 6

Risonarta, V.-Y.; Echterhof, T.; Kirschen, M.; Jung, H.-P.; Beiler, C.; Lenz, S

Pfeifer, H.: Higher cost and resource efficiencies through development of empirical model of chromium concentrations, 4th International conference on modelling and simulation of metallurgical processes in steelmaking, Düsseldorf, 27th June-1st July 2011

Echterhof, T.; Risonarta, V.-Y.; Jung, H.-P.; Beiler, C.; Lenz, S Pfeifer, H.:

Decarburization control during stainless steel making in an EAF, 4th International conference on modelling and simulation of metallurgical processes in steelmaking, Düsseldorf, 27th June-1st July 2011

Risonarta, V.-Y.; Echterhof, T.; Jung, H.-P.; Beiler, C.; Lenz, S.; Kirschen, M.;

Pfeifer, H.: Application of the off-gas analyzing system to control elements oxidation during stainless steelmaking in an EAF, Steel Research Vol. 81 (2010) Nr. 8, p. 778-783

Risonarta, V.-Y.; Voj, L.; Pfeifer, H.; Jung, H. P.; Lenz, S.: Optimization of

electric arc furnace process at Deutsche Edelstahlwerke, Stahl und Eisen Vol. 129 (2009) Nr. 11, p. S55-S64

Pfeifer, H.; Echterhof, T.; Risonarta, V.-Y.: EAF off gas – a source for process

information and environmental protection, 2nd VDEh-AIM joint meeting on metallurgical fundamentals, 30th September 2009, Duisburg, Germany

Kirschen, M.; Risonarta, V.-Y.; Pfeifer, H.: Energy efficiency and the influence of

gas burners to the energy related carbon dioxide emissions of electric arc furnaces in steel industry, Energy Vol. 34 (2009) Nr. 9; S. 1065-72

Risonarta, V.-Y.; Voj, L.; Pfeifer, H.; Jung, H. P.; Lenz, S.: Optimization of electric arc furnace process at Deutsche Edelstahlwerke, 9th European electric steelmaking conference, 19th – 21st May 2008, Krakau, Poland

Risonarta, V.-Y.; Voj, L.; Elezi, B.; Pfeifer, H.: Reduction of CO₂ emissions and optimization of EAF energy input, 35th annual McMaster iron and steelmaking symposium, 5th – 7th June 2007, Hamilton, Canada

Voj, L.; Risonarta, V.-Y.; Wagenknecht, I.; Pfeifer, H.: Control of chromium slagging in stainless steelmaking in EAF, The iron and steel technology conference and exposition, 7th – 10th May 2007, Indianapolis, USA