

PRESS RELEASE

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Low maintenance, higher capacity, better process control

SMS Siemag to revamp converter C at Salzgitter Flachstahl

Salzgitter Flachstahl GmbH, Germany, has contracted SMS Siemag (www.sms-siemag.com), Germany, to revamp converter C in its Salzgitter steelworks. Through optimal use of the existing installation space, the specific volume of converter C will be increased by approximately 18 percent, making for a more stable and more efficient production process.

The new converter vessel will be arranged in the trunnion ring by the lamella suspension system, a proven SMS Siemag development, which ensures an unrestrained arrangement of the vessel.

The latest generation of the lamella suspension system, which requires very little maintenance, and the specifically adapted clearance between the vessel and the trunnion ring allow optimum natural cooling and hence the thermal expansion of the vessel in both the axial and radial directions. No extra cooling by air or water is required.

This is the third converter in the Salzgitter Flachstahl steelworks to be revamped using this innovative modernization concept.

Dr. Andreas Berghöfer: "Our experience over recent decades with the lamella suspension system from SMS Siemag has been positive. It is

a very safe design, not prone to deformations or wear, and suitable to cope with the harsh conditions and extreme temperature fluctuations prevailing in a steelworks environment.”

SMS Siemag will supply the converter vessel, the trunnion ring complete with the drive, the lamella suspension system for the vessel, the converter bearings and bearing supports. The converter tilt drive will be manufactured in SMS Siemag's workshop in Hilchenbach.

Commissioning is scheduled for the end of 2015.

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Converter A at Salzgitter Flachstahl has already been modernized. Thanks to the lamella suspension system, developed by SMS Siemag, the existing installation space can be more efficiently exploited.

SMS Siemag AG is a company of the SMS group which, under the roof of the SMS Holding GmbH, consists of a group of global players in machinery and plant construction in steel and nonferrous metals processing. Its workforce of more than 13,500 employees generates sales worldwide totaling EUR 3.3 billion.