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Primetals Technologies to modernize electric arc furnace for BGH in Freital

- **Optimized furnace movements**
- **Converted tapping system**

Primetals Technologies has received an order from German steel producer BGH Edelstahlwerke GmbH to modernize the electric arc furnace at its Freital site in order to optimize the furnace movements and convert its tapping system. The furnace will be modernized in two conversion stages, and the work is scheduled for completion during the summer shutdown in 2017.

BGH Edelstahlwerke GmbH is an owner-managed, mid-sized group. The holding company includes several independent production sites in Germany and Poland. Today's BGH Edelstahl Freital GmbH is the largest site in the BGH Group. The company runs a minimill meltshop in Freital with an electric arc furnace, downstream secondary metallurgy, an ingot casting plant and a horizontal continuous caster. Further processing takes place in a rough block mill and a wire rod mill. In 2013 Primetals Technologies modernized the automation and drive system in the wire rod mill.

Under the latest project, Primetals Technologies will modernize the furnace rocker, as well as the roof raising and tilting systems of the electric arc furnace to speed up furnace movements and enable longer electrode segments to be used. The tapping system that empties the furnace will be converted in the second phase of the project. Primetals Technologies will be responsible for engineering and supplying the equipment, and will supervise its installation and commissioning.

This press release is available at

www.primetals.com/press/

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Primetals Technologies, Limited headquartered in London, United Kingdom is a worldwide leading engineering, plant-building and lifecycle services partner for the metals industry. The company offers a complete technology, product and service portfolio that includes integrated electrics, automation and environmental solutions. This covers every step of the iron and steel production chain, extending from the raw materials to the finished product – in addition to the latest rolling solutions for the nonferrous metals sector. Primetals Technologies is a joint venture of Mitsubishi Heavy Industries (MHI) and Siemens. Mitsubishi-Hitachi Metals Machinery (MHMM) - an MHI consolidated group company with equity participation by Hitachi, Ltd. and the IHI Corporation - holds a 51% stake and Siemens a 49% stake in the joint venture. The company employs around 9,000 employees worldwide. Further information is available on the Internet at www.primetals.com.