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Primetals Technologies to supply automation and electrics for new blast furnace at EVRAZ NTMK

- **Process automation optimizes mode of operation and reduces coke consumption**
- **Fully virtualized automation system reduces service costs**

The Russian steel producer, EVRAZ Nizhniy Tagil Metallurgical Plant (EVRAZ NTMK), has awarded Primetals Technologies an order to supply the automation, electrical equipment and instrumentation for the new blast furnace #7. The basic automation (level 1) and the process optimization (level 2) will be installed as a virtualized automation system on central, redundant servers, which will drastically reduce service costs, especially those for future upgrades. The new process automation will also optimize the coke consumption. The order is worth several million euros and the new blast furnace is scheduled to be commissioned at the end of 2017.

The new blast furnace #7 has a production capacity of 2.5 million metric tons of pig iron per annum, and is intended to replace blast furnace #6, which is scheduled for overhaul. With an annual production of 4.9 million metric tons of crude iron and 4.2 million metric tons of steel, EVRAZ NTMK is one of the largest steel works in Russia. The integrated iron and steel works located in the city of Nizhniy Tagil in the Swerdlowsk Region of the Urals primarily produces train wheels, rails, structural steel, pipe blanks and semifinished products. Nizhniy Tagil is one of the oldest Russian steelmaking and mining centers.



Construction site of the new blast furnace #7 of EVRAZ Nizhniy Tagil Metallurgical Plant in Russia. Primetals Technologies will supply automation and electrics for the new furnace (Photo courtesy of EVRAZ NTMK).

This press release and a press photo are available at
www.primetals.com/press/

Contact for journalists:

Dr. Rainer Schulze: rainer.schulze@primetals.com

Tel: +49 9131 9886-417

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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 7,000 employees worldwide. Further information is available on the Internet at www.primetals.com.

Primetals Technologies, Limited
A joint venture of Siemens, Mitsubishi Heavy Industries and Partners
Communications
Head: Heiko Huensch

Chiswick Park, Building 11, 566 Chiswick High Road
W4 5YS London
United Kingdom