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## **PRESS RELEASE**

Düsseldorf, May 13, 2013

### **SMS Siemag to deliver first dry-type electrostatic precipitator to India**

#### **Jindal Steel and Power Ltd. orders X-Melt® BOF converter shop with comprehensive environmental technology**

Jindal Steel and Power Ltd. (JSPL), one of India's largest steel producers, has contracted SMS Siemag for the delivery of an X-Melt® BOF converter shop including a secondary metallurgy center and comprehensive environmental technology.

In Angul, in the Indian state of Odisha, JSPL is erecting an integrated steel plant. In phase I with two BOF units, the annual production will amount to 3.8 million t of high-quality steel.

SMS Siemag's scope of supply will comprise two 250-t BOF converters, each equipped with a gas cleaning and recovery plant designed to meet the highest environmental standards, and three ladle furnaces.

SMS Siemag will furthermore supply the entire X-Pact® electrical and automation systems, including the technological process models (level 2). Prior to the scheduled commissioning date, the entire automation system will be subjected to a Plug & Work test.

SMS ELEX, Germany, will supply the primary gas cleaning system, which will include a gas conditioning system and a dry-type electrostatic precipitator. This will be the first time ever that this modern process gas cleaning technology is used in an Indian steel plant.

SMS Mevac UK Ltd., England, will supply a twin hot metal desulfurization (HMD) plant and a vacuum degasser (RH degasser, Ruhrstahl-Heraeus process).

Thus, the steel plant will cover a broad range of products – from high-grade ULC (ultra-low carbon) steel, API grades (X70) through to non-grain-oriented electrical grades.

In phase II, the converter shop is to be equipped with a third BOF converter complete with a gas cleaning plant and further secondary metallurgy equipment.

Currently, commissioning of an X-Melt<sup>®</sup> electric steelmaking plant from SMS Siemag is under way at the same location. With a heat size of 250 t, the newly erected furnace will be the biggest and most powerful EAF in India.

X-Melt<sup>®</sup> is an SMS Siemag trademark from the steelmaking division. It is the brand name for plants and technologies that set standards for the economical and ecological production of high-quality steel products.

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