PRIMETALS TECHNOLOGIES

Press

London, August 05, 2025

SAIL Orders Another Hot-Blast Stove from Primetals Technologies for Rourkela Steel Plant

- **A fourth internal-combustion-chamber-type stove will be added to blast furnace No.5 at Rourkela Steel Plant**
- **Additional hot-blast stove ensures ongoing operations during sequential repairs of existing units**
- **Commissioning will be completed in mid-2026**

Steel Authority of India Limited (SAIL) has once again turned to Primetals Technologies to supply a fourth hot-blast stove, this time for blast furnace No. 5 at the Rourkela Steel Plant (RSP) in India. This second order from SAIL further reinforces Primetals Technologies' position as a leading supplier of hot-blast stove technology. The additional stove will allow RSP to carry out sequential repairs on existing stoves while maintaining production levels.

Enhanced Design for Efficiency and Longevity

The new internal-combustion-chamber stove will be supplied as a turnkey project, with Primetals Technologies responsible for design, detailed engineering, equipment supply, construction, and full commissioning. The scope of supply includes the stove shell, refractories, electrical and automation equipment including field instruments, and an upgrade to the Level 1 automation system.

The internal combustion technology will feature an enhanced dome shape and construction, designed to manage expansion and high temperatures more efficiently. In addition, the new unit features Primetals Technologies' unique burner design, which ensures a more stable flame. Commissioning is planned for mid-2026. Once operational, the fourth stove will provide greater flexibility and stability for blast furnace operations at RSP.

Leading Integrated Steel Manufacturer

SAIL is one of the largest steel producers in India. It produces iron and steel at five integrated plants and three special steel facilities, located mainly in the eastern and central regions of the country, close to domestic raw materials. RSP was India's first publicly owned integrated steel plant. It began operations in 1959 with an initial capacity of 1 million tons. Continuous investment and upgrades have increased the plant's capacity to 4.5 million tons of hot metal annually. With multiple downstream rolling mills, RSP

Primetals Technologies, Limited
A Group Company of Mitsubishi Heavy Industries
Communications

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

produces plate, coil, silicon steel, and pipe products for end markets including shipbuilding, defense, automotive, and oil and gas.

Internal-combustion stoves from Primetals Technologies installed in India.

Representatives of SAIL and Primetals Technologies during the contract signing ceremony at Rourkela Steel Plant.

This **press release** and a **press picture** are available at www.primetals.com

Contact for journalists:

Björn Westin, Press Officer

press@primetals.com

Follow us on social media:

linkedin.com/company/primetals

facebook.com/primetals

twitter.com/primetals

Primetals Technologies, Limited,headquartered in London, United Kingdom, is a pioneer and world leader in the fields of engineering, plant building, and the provision of lifecycle services for the metals industry. The company offers a complete technology, product, and services portfolio that includes integrated electrics and automation, digitalization, and environmental solutions. This covers every step of the iron and steel production chain—from the raw materials to the finished product—and includes the latest rolling solutions for the nonferrous metals sector. Primetals Technologies is a Group Company of Mitsubishi Heavy Industries, with around 7,000 employees worldwide. To learn more about Primetals Technologies, visit the company website www.primetals.com.