



Ref: JSWSL: SEC: MUM:SE: 2024-25

October 4, 2024

1. National Stock Exchange of India Ltd. Exchange Plaza Plot No. C/1, G Block Bandra – Kurla Complex Bandra (E), Mumbai – 400 051 Fax No.: 2659 8237-38 Ref: NSE Symbol – JSWSTEEL Kind Attn.: Listing Department	2. BSE Limited Corporate Relationship Dept. Phiroze Jeejeebhoy Towers Dalal Street, Mumbai – 400 001. Fax No. 2272 2037/2039/ 2041 Ref: Company Code- 500228 Kind Attn.: Listing Department
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Sub: Disclosure under Regulation 30 of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015 - Commissioning of Blast Furnace at Vijayanagar works, carried out by JSW Vijayanagar Metallica Limited, a Wholly-Owned Subsidiary of the Company.

Dear Sir/Madam,

Pursuant to Regulation 30 read with Part B of Schedule III of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015 (**'Listing Regulations'**), we hereby inform you that JSW Vijayanagar Metallica Ltd, (**'JVML'**) a Wholly-Owned Subsidiary of the Company, has today, announced the successful commissioning of its Blast Furnace with a capacity of 4.5 MTPA at Vijayanagar in the State of Karnataka.

Enclosed herewith is a press release dated 04.10.2024 on the above subject, which is self-explanatory.

The above disclosure will also be made available on the Company's website at www.jsw.in. pursuant to Regulation 30(8) of the Listing Regulations.

Kindly take the above on Record.

Thanking You,

Yours faithfully,
For **JSW Steel Limited**,

Lancy Varghese
Company Secretary



Press Release

JSW Vijayanagar Metallics Limited (JVML), a wholly owned subsidiary of the Company has today successful commissioned its Blast Furnace at its integrated steel plant at Vijayanagar with a capacity of 4.5 MTPA

Mumbai, 04 October 2024: Consequent to blast furnace reaching threshold utilization towards end of September and stabilised operations in this week, JSW Vijayanagar Metallics Limited (JVML), a wholly owned subsidiary of JSW Steel Limited has today announced the successful commissioning of its Blast Furnace with a capacity of 4.5 MTPA at Vijayanagar in the State of Karnataka. This is a significant milestone in the commissioning of the Integrated JVML 5 MTPA facility. The commissioning, carried out by JVML further strengthens JSW Steel's position as one of the world's leading steel manufacturers.

The new blast furnace, one of the largest in India, marks a major step forward in JSW Steel's strategic expansion at Vijayanagar. The increased capacity will also help reduce India's reliance on steel imports, strengthening the domestic industry and contributing to economic growth. The expansion supports the Indian government's initiatives such as *Make in India* and *Atmanirbhar Bharat*, which aim to foster self-reliance in critical industries.

Key Specifications of Blast Furnace-5:

- Furnace Size: 5,339 cubic meters
- Annual Capacity: Up to 4.5 MTPA (Million Tonnes Per Annum)
- Energy Efficiency: Includes a 24 MW power generation facility utilising a Top Gas Pressure Recovery Turbine (TRT)
- Technology: High-pressure (3 bar) and high-temperature (1250°C) operational capabilities, enabling maximum coal injection and reduced energy consumption

Built using cutting-edge technology, the furnace features advanced equipment, including stoves, blowers, top charging systems, resulting in optimum specific fuel consumption and critical refractories for enhanced campaign life.

This furnace is equipped with most modern equipments such as Online 3D Burden profilometer and Top Cameras. It also has integrated advanced process assistances system including process models, and programming tools for efficient operations making this blast furnace as one of the most efficient and mightiest super large Blast Furnace. This state-of-the-art facility incorporates advanced technology and energy-efficient features, supporting JSW's goal of sustainable growth and enhanced production efficiency.

Additionally, it is equipped with advanced environmental control systems, including gas cleaning (Cyclone & Venturi scrubbers), cast house and stock house dedusting systems, and a slag granulation system. These systems underscore JSW Steel's commitment to sustainability and environmental responsibility.

Fast Commissioning Timeline

The commissioning of Blast Furnace was completed in just 42 months, one of the fastest timelines for a furnace of its size. This achievement highlights JVML's project execution capabilities and the advanced technology used in the expansion. The efficient commissioning process has set the stage for the JVML's facility to become one of the most advanced steel plants globally.

Vijayanagar Journey and Integration with JVML's 5 MTPA Facility

This new blast furnace is part of the broader 5 MTPA integrated steel facility being developed by JVML. The Hot Strip Mill (HSM), which is part of this integrated facility was commissioned and commercial

production and sales have already commenced in March 2024,. The Sinter Plant and Steel Melt Shop are under various stages of commissioning for progressive ramp up in Q4 of FY25. Once fully operational, the total crude steel capacity at Vijayanagar will increase to 17.5 MTPA, contributing to JSW Steel's overall consolidated crude steel capacity rising from 29.2 MTPA to 34.2 MTPA.

Sajjan Jindal, Chairman and Managing Director of JSW Steel, commented on the commissioning, *“The successful commissioning of Blast Furnace by JVML is a significant achievement for JSW Steel and a crucial step in supporting India’s infrastructure growth. With the expansion at Vijayanagar, we are now better positioned to meet the growing demand for high-quality steel domestically and globally. This milestone also aligns with our vision to contribute to India’s self-reliance in critical industries.”*

The newly commissioned furnace will produce high-quality steel that caters to key sectors such as infrastructure, automotive, and construction, which are driving India’s industrial growth.

Commitment to Sustainability

JSW Steel remains focused on reducing its environmental footprint while expanding production. The newly commissioned blast furnace is designed to optimise energy efficiency, with the inclusion of a Top Gas Pressure Recovery Turbine (TRT) that generates 24 MW of power. This aligns with JSW Steel’s long-term sustainability goals, including its ambition to achieve net-zero carbon emissions by 2050.

Jayant Acharya, Joint MD & CEO of JSW Steel, added, *“This commissioning reflects our commitment to innovation, efficiency, and sustainability. The advanced technology used in this project helps us reduce fuel consumption, energy consumption and environmental impact while increasing our production capacity.”*

Acknowledging JSWites

The commissioning of Blast Furnace 5 was made possible through the efforts of JSW Steel’s workforce, known as JSWites. Their dedication and expertise were instrumental in achieving this significant milestone.

PK Murugan, President and Plant Head of JSW Steel Vijayanagar, remarked, *“The commissioning of this blast furnace reflects the hard work of every JSWite. Their dedication is the foundation of our success, and this achievement wouldn’t have been possible without their efforts.”*

Looking Ahead

The commissioning is a key milestone in JSW Steel’s long-term strategy to enhance production capacity and operational efficiency which will further solidify JSW Steel’s leadership in the steel industry, both in India and globally. With this expansion, JSW Steel continues to support India’s infrastructure goals, contributing to the country’s growth while maintaining its focus on sustainability and operational excellence.

About JSW Steel

JSW Steel is one of India’s largest integrated steel manufacturers and a flagship company of the diversified \$24billion JSW Group. With a global production capacity of 29.2 million tonnes per annum (MTPA), the company plays a crucial role in India’s infrastructure and industrial development. JSW Steel produces a wide range of high-quality steel products catering to sectors such as construction, automotive, energy, and engineering. Committed to innovation, sustainability, and operational excellence, JSW Steel aims to reduce its environmental impact and achieve net-zero carbon emissions by 2050. With a strong global presence in around 100 countries, JSW Steel continues to drive growth and competitiveness in the global steel industry.