

SMEL/SE/2024-25/76

November 05, 2024

**The Secretary, Listing Department**  
**BSE Limited**  
Phiroze Jeejeebhoy Towers  
Dalal Street  
Mumbai 400 001  
Maharashtra, India  
Scrip Code: **543299**

**The Manager – Listing Department**  
**National Stock Exchange of India Limited** “Exchange Plaza”, 5th Floor, Plot No. C/1, G Block, Bandra-Kurla Complex, Bandra (East), Mumbai 400 051  
Maharashtra, India  
Symbol: **SHYAMMETL**

**Sub: Press Release**

**Dear Sir/Madam,**

Pursuant to Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements), Regulations 2015 (“Listing Regulations, 2015”), we are pleased to inform you that a Press Release was issued titled “**Shyam Metalics Commissions Advanced Blast Furnace and Sinter Plant to Boost Production in West Bengal.**”

The same is enclosed herewith for your information and dissemination on your website.

This is for your information and record.

**For Shyam Metalics and Energy Ltd.**

  
**Birendra Kumar Jain**  
**Company Secretary & Compliance Officer**  
Membership No. F13320







OUR BRANDS:



**SHYAM METALICS AND ENERGY LIMITED**

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## Press Release

### **Shyam Metals Commissions Advanced Blast Furnace and Sinter Plant to Boost Production in West Bengal**

**Kolkata, 05th November 2024:** Shyam Metals and Energy Ltd. (SMEL), one of India's leading integrated metal manufacturing companies in India, has officially commissioned a new blast furnace and launched a sinter plant at its Jamuria facility. With an investment of Rs. 600 crores, this significant new development aims to expand production capabilities to meet the growing demand for high-quality steel products across various industries.

The newly commissioned **blast furnace** has a capacity of **0.77 million tonnes per annum (MTPA)**, substantially increasing the plant's production capability. This blast furnace, with a volume of 550 cubic meters, is equipped with three top-fired stoves, modern coal dust injection technology, and a dry gas cleaning plant to optimize the steel-making process. This enhancement is anticipated to boost steel production by 0.77 MTPA and improve margins by approximately Rs. 700/MTPA.

**Commenting on this significant development, Mr. Brij Bhushan Agarwal, Vice Chairman & Managing Director of Shyam Metals and Energy Limited, stated,** "At Shyam Metals, we have always strived for effective and continuous growth plans. The new blast furnace and sinter facility will improve India's steel production capability. This development demonstrates our commitment to encouraging industrial growth and creating employment opportunities in the region."

To improve operational efficiency, the plant has an **18 MW Top Gas Pressure Recovery Turbine (TRT)**, which contributes an additional 10% energy recovery. A specialized evaporative cooling system reduces water and power usage by about 20% when compared to conventional systems. Furthermore, the facility is designed for **zero-process water discharge**, to optimize process efficiency as part of the company's growth strategy.

In addition to the blast furnace, the company also launched a **sinter plant** with a capacity of **1.11 MTPA**, designed to process iron ore fines into a feedstock suitable for the blast furnace. This addition is expected to increase operating efficiency and reduce production costs.

This brownfield expansion demonstrates Shyam Metals' strategic emphasis on increasing production efficiency. The facility employs high top pressure (1.5 bar) and high-temperature hot blast (1200°C) technology, enabling greater coal injection and energy savings, with engineering support provided by SDM of China.

#### **About Shyam Metals**

Shyam Metals is a leading and fastest-growing integrated metal-producing company based in India primarily in the steel industry in West Bengal and Odisha with a focus on



Long Steel Products and Ferro Alloys. The company got listed itself on the exchanges in 2021 and as on date of this press release possesses a market capitalization of more than Rs. 23,000 Cr. Spearheaded by Mr. B. Bhushan, Vice Chairman & Managing Director, the company strives to deliver unparalleled quality through their customized value-added solutions to meet business requirements. Headquartered in Kolkata, West Bengal, the company is amongst the largest producers of ferro alloys in terms of installed capacity in India (Source: CRISIL Report). The company has the ability to sell intermediate and final products across the steel value chain. Shyam Metals is one of the leading players in terms of pellet capacity and the largest coal fired player in the sponge iron industry in terms of sponge iron capacity in India.