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JSW JFE Electrical Steel Nashik Private Limited awards major contract to John Cockerill India Limited for High Temperature Tunnel Furnaces



Project to Play a Pivotal Role in Expanding CRGO Steel Production Capacity from 50,000 TPA to 250,000 TPA

JSW JFE Electrical Steel Nashik Private Limited, one of India's first manufacturers of Cold Rolled Grain-Oriented Electrical Steel (CRGO), has awarded **John Cockerill India Limited** a prestigious contract for the engineering, design, manufacture, and supply of state-of-the-art **tunnel furnaces** for its Nashik facility. The contract also covers **supervision of erection and commissioning** to achieve contractual performance guarantees, with completion targeted for the **first quarter of 2027**.

Under the agreement, John Cockerill India will supply **all components** for the tunnel furnaces, including **advanced coil handling systems**. The scope further includes supervision of erection and commissioning, ensuring seamless integration and optimal performance.

The furnace is a **critical stage** in the processing of Grain-Oriented Electrical Steel (GOES), where controlled high-temperature heating under a protective atmosphere refines the steel's **magnetic properties** and **microstructure**. This enables its application in **high-efficiency power transformers** and other vital components of power transmission systems.

This order forms part of **JSW JFE Electrical Steel Nashik's major expansion initiative**, which will **quintuple CRGO production capacity** from 50,000 TPA to 250,000 TPA, aligning with India's rising demand for **energy-efficient electrical infrastructure**.

"This project reflects JSW JFE Electrical Steel Nashik's continued confidence in John Cockerill's technology and expertise, built on a history of successful collaboration within the John Cockerill Group," said **Frederic Martin, Managing Director**, John Cockerill India Limited. "Our advanced furnace technology and commitment to performance excellence will help produce high-quality electrical steel that supports India's growing power infrastructure needs."

With this order, John Cockerill India further strengthens its position as a **trusted technology partner** delivering advanced, high-performance solutions to the steel industry.

About John Cockerill India Limited

'John Cockerill India Limited.' John Cockerill Industry's Indian hub and center of excellence for cold rolling mill complexes, is the world leader in the conception, manufacture, and installation of reversible cold rolling mills. It has developed a wide range of technologies in the field of processing lines, rolling mills, thermal and chemical processes. It also supplies auxiliary steel treatment equipment. John Cockerill India offers the entire product portfolio of John Cockerill Industry and is coordinating the whole range of its activities including, but not limited to local engineering, sourcing and manufacturing. As an international specialist in industrial processes and technologies, John Cockerill Industry designs, supplies and modernizes cold rolling mills, processing lines, chemical and thermal treatment installations for the steel and the non-ferrous industry, as well as state-of-the-art heat treatment technologies for the aviation, forging and casting industry, and hydrometallurgical processes for the extraction of ores.

John Cockerill India complements John Cockerill's strategy for growth with minimal overlaps in products and a versatile range of technology synergies. John Cockerill India is a preferred partner to supply of innovative solutions for clean, reliable and efficient equipments worldwide.

<http://www.johncockerillindia.com>

About John Cockerill

Driven since 1817 by the entrepreneurial spirit and thirst for innovation of its founder, the John Cockerill Group develops large-scale technological solutions to meet the needs of its time: facilitating access to fossil free energies, enabling sustainable industrial production,



preserving natural resources, contributing to greener mobility, enhancing security and installing critical infrastructures. Its offer to companies, States and communities consists of services and associated equipment for the sectors of energy, defense, industry, hydrogen, environment, transports, and infrastructures. With over 6,000 employees, John Cockerill achieved a turnover of € 1.4 billion in 2024 in 29 countries, on 5 continents.

<http://www.johncockerill.com>

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