

## Reliable & Robust Drives of NORD run in the modernized Rourkela steel plant (RSP), which has been recently inaugurated by Honorable Prime Minister Shri Narendra Modi

India had surpassed America in steel production & aims to become world's No.1 in the steel production. Prime Minister Shri Narendra Modi on April 1, 2015 inaugurated the second modernization project of Rourkela Steel Plant (RSP) of the Steel Authority of India ([SAIL](#)) in Odisha. The 4.5 million tons modernization project of RSP has been constructed with an expenditure of about INR 12,000 crores.



Illustration 1: Honorable Prime Minister Shri Narendra Modi at RSP Plant while inaugurating their modernization project

The expansion project has led to an increase in the hot metal production capacity at the Rourkela steel plant from two million TPA to 4.5 million TPA. SAIL is also researching opportunities for expanding the Rourkela steel project to 10.8 million TPA as part of its plan to attain a capacity of 50 million TPA hot metal by 2025.

NORD India, a leading supplier of Drive Technology, has been supplying most innovated & advance drive technology to Indian Steel Industry since last 10 yrs. Recently NORD's parallel & helical inline has been installed at 4.3 meter plate mill through Danieli – GE Converteam consortium.

Comprehensive NORD drive solutions are available for various different areas of the metals processing industry, including applications in coke and iron making, continuous casting, rolling mills, shearing lines (lengthwise and crosswise), cooling beds, ladle transportation, furnace charging and discharging, roller tables in section mills, plate mills, hot and cold rolling mills etc.; and various other conveying applications all across production processes. An extensive range of industrial gears, parallel shaft gears, helical inline gears, helical bevel gears, and helical worm gears with solid or hollow shafts can be combined with highly robust cast iron motors, e.g. ring fin types, as well as with smart decentralized drives that are suitable for applications throughout the industry.

Offering a versatile range of geared motor types to choose from, NORD can draw on five decades of experience in the steel & metals sector. Industry specialists can provide advice regarding parameters like power/torque requirements, bearing life, and oil temperature in order to enable users to select the most suitable product for a specific steel mill application – from a single system to several thousand units. NORD India has committed a highly qualified and efficient team of experts to a special sector management cell that focuses exclusively on the iron and steel segment.

Illustration 2: NORD straight fin stall duty motors at Rourkela steel plant in Orissa



Illustration 3: Honorble Prime Minister Shri Narendra Modi also visited the plate mill of RSP

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