REF:INABB:STATUT:LODR:2025 May 22, 2025

BSE Limited
P.J. Towers, Dalal Street
Mumbai 400 001
(Attn : DCS CRD)

National Stock Exchange of India Ltd
Exchange Plaza, 5th floor, Plot No. C/1, G Block
Bandra-Kurla Complex, Bandra (E).
Mumbai 400 051

Attn: Listing Dept.

Dear Sirs,

Sub: Press Release titled “Steel Authority of India Limited signs digital transformation agreement with ABB India”

Please find enclosed Press Release being issued by the Company on the captioned subject.

Kindly take the above information on record.

Thanking you,

Yours faithfully,
For ABB India Limited

Trivikram Guda
Digitally signed by Trivikram Guda
Date: 2025.05.22 10:57:53 +05'30'

Trivikram Guda
Company Secretary and Compliance Officer
ACS-17685
Encl: as above

ABB India Limited
Registered and Corporate Office
Disha – 3rd Floor, Plot No. 5 & 6, 2nd Stage
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BENGALURU, INDIA, MAY 22, 2025

Steel Authority of India Limited signs digital transformation agreement with ABB India

- ABB India and Steel Authority of India Limited will explore developments for Rourkela Steel Plant to improve productivity and efficiency of operations
- Digital twins of the existing blast furnaces and steel melt shop are part of the Memorandum of Understanding signed by the companies
- Data-driven models will be used to assess opportunities for optimizing ironmaking and steelmaking in line with sustainability improvements

ABB India and Steel Authority of India Ltd (SAIL), a Maharatna central public sector company, have signed a Memorandum of Understanding (MoU) to digitally optimize ironmaking and steelmaking processes at the Rourkela Steel Plant in Odisha state, India. SAIL's plant will exchange data with ABB India to prepare data-based models to create digital twins of blast furnaces and basic oxygen furnaces of steel melt shop areas.

The collaboration comes at a time of growing challenges within the steel industry, including the need to meet stricter environmental regulations, reduce operational costs, and maintain competitive advantages in a rapidly evolving market. Rourkela Steel Plant produced 4.08 million tons of saleable steel products in FY 2024-25 and SAIL plans to grow output to about 9 million tons by 2030 to meet escalating market demands. It has ambitions to attain the highest levels of operational efficiency and sustainability using digital transformation.

The plant will harness ABB's expertise in automation and digitalization, including mathematical and data-based models, to optimize processes in both ironmaking and steelmaking. The goal is to deliver actionable insights and enable data-driven decisions to support optimal operations, paving the way for a more sustainable and cost-effective future in steel production.

"This partnership with ABB India is a significant step towards modernizing our operations and achieving greater efficiency and sustainability," said Biswa Ranjan Palai, Executive Director (Works), SAIL. "The development of this digital twin technology will transform our steel manufacturing processes by providing us real-time insights into furnace operations, thereby enabling us to optimize our performance, improve product quality, increase asset longevity and remain competitive in the global market."

“This collaboration underscores our continued commitment to driving digital innovation and supporting the steel industry in its quest for excellence,” said Kapil Agarwal, Senior Vice President & Local Division Manager, Process Industries, ABB India. “By integrating advanced data-driven models and leveraging digital twin technologies, we aim to revolutionize the steelmaking processes, ensuring higher efficiency and a reduced environmental impact.”

India’s steel industry is witnessing significant growth, with domestic demand projected to rise by 9-10 percent in FY25 (ICRA)[1] and long-term annual growth expected between 5 percent to 7.3 percent (Deloitte)[2]. As the industry modernizes with increasingly advanced steel mills and upgrades for higher energy efficiency, technologies play a crucial role in driving sustainability and productivity.

This year marks ABB’s 75th anniversary in India, a milestone that highlights delivering electrification, automation, and digital solutions across key industries like steel, cement, mining, and energy. As a trusted partner to the metals industry, ABB continues to support India’s industrial transformation by optimizing production, enhancing sustainability, and enabling the shift towards autonomous operations and a circular economy.

ABB is a global technology leader in electrification and automation, enabling a more sustainable and resource-efficient future. By connecting its engineering and digitalization expertise, ABB helps industries run at high performance, while becoming more efficient, productive and sustainable so they outperform. At ABB, we call this ‘Engineered to Outrun’. The company has over 140 years of history and around 110,000 employees worldwide. ABB’s shares are listed on the SIX Swiss Exchange (ABBN) and Nasdaq Stockholm (ABB). www.abb.com

ABB’s Process Automation business automates, electrifies and digitalizes industrial operations that address a wide range of essential needs – from supplying energy, water and materials, to producing goods and transporting them to market. With its ~20,000 employees, leading technology and service expertise, ABB Process Automation helps process, hybrid and maritime industries outrun – leaner and cleaner. go.abb/processautomation

Steel Authority of India Limited is a pioneer in Indian steel industry. SAIL's Rourkela Steel Plant began operations in 1959 as the Nation's first public sector integrated steel plant. Today, RSP is distinguished by its extensive and sophisticated product range, encompassing various flat, tubular, and coated steels, alongside specialized products crucial for defense applications. With a present steelmaking capacity of 4.2 MTPA, RSP is poised for significant growth, aiming to double its output in the coming years.

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For more information please contact:

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[1] OpenMediaS3

[2] India's Steel Production: A Global Leader in Iron & Steel Industry Growth