



National Engineers Day: Hindustan Zinc's Engineers Driving Operational Excellence in Indian Zinc Manufacturing Industry

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Hindustan Zinc celebrates the critical role its talented engineers play in advancing India's infrastructure and contributing to the nation's economic growth

Udaipur : Hindustan Zinc Limited (NSE: HINDZINC), India's largest and the world's second-largest integrated zinc producer, proudly acknowledges the invaluable contributions of its vast engineering talent pool in driving operational excellence across the Indian zinc manufacturing landscape. With thousands of engineers across diverse disciplines such as mining, metallurgy, chemical, mechanical, safety, civil, and IT, Hindustan Zinc remains committed to fostering India's self-reliance in zinc and related industries.

The scale of operations at Hindustan Zinc provides a chance to young engineers to leverage advanced technologies that enhance productivity, sustainability, and safety. From core functions of mining to new upcoming fields of AI/ML & automation, engineers at Hindustan Zinc have a chance to explore various fields of operations within the company. Powered by such technological advancements Hindustan Zinc is eliminating physical labor associated with the sector and creating a sustainable & standardized work experience.

These engineers oversee world-class facilities, including the world's largest zinc-lead smelter at Chanderiya, the world's largest underground zinc mine at Rampura Agucha, and one of the world's top three silver-producing mines at Sindesar Khurd. They also manage operations at India's first zinc smelter in Debari and the world's oldest zinc mine at Zawar, underscoring their role in propelling Hindustan Zinc to its global leadership position in zinc and silver production.



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topmost-quality zinc. By collaborating with global technology providers and innovative startups, the company equips its workforce with cutting-edge skills and deep domain knowledge. Technologies such as tele-remote systems, line of sight mucking and AI/ML driven solutions in mining allow operations to be controlled remotely, improving efficiency and reducing operational downtimes. The deployment of strapping robots in smelting facilities and 3D mapping technologies in mine exploration ensures precise material handling and safer extraction processes, leading to enhanced production. These innovative advancements underscore Hindustan Zinc's commitment to operational excellence in zinc manufacturing to support India's robust growth and development

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Arun Misra, CEO and Whole-time Director, Hindustan Zinc Ltd, stated, "Hindustan Zinc is proud to recognize the exceptional work of engineers, who have consistently demonstrated their commitment to excellence and their ability to overcome challenges. Our engineers are committed and helping us shape the future of mining and infrastructure development, contributing directly to India's GDP and economic self-sufficiency."

Hindustan Zinc is focused on innovation and efficiency that supports the growth of India's GDP with its engineers driving continuous improvements in productivity and sustainability. The company's engineers are committed to enabling the country to compete more effectively on the global stage.

As a world leader in zinc manufacturing, Hindustan Zinc offers its engineers vast learning opportunities, accelerating career growth through exposure to



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amenities such as gyms, health centers, and sports complexes, supporting personal and professional development.

Hindustan Zinc Limited, a Vedanta Group company, is the world's second-largest integrated zinc producer and the third-largest silver producer. The company supplies to more than 40 countries and holds a market share of about 75% of the primary zinc market in India. Hindustan Zinc has been recognized as the world's most sustainable company in the metals and mining category by the S&P Global Corporate Sustainability Assessment 2023, reflecting its operational excellence, innovation, and leading ESG practices. The company also launched EcoZen Asia's first low carbon 'green' zinc brand. Produced using renewable energy, EcoZen has a carbon footprint of less than 1 tonne of carbon equivalent per tonne of zinc produced, about 75% lower than the global average. Hindustan Zinc is also a certified 2.41 times Water-Positive company and is committed to achieving Net Zero emissions by 2050 or sooner. Transforming the lives of 1.9 million people through its focused social welfare initiatives, Hindustan Zinc is among the Top 10 CSR companies in India. As a world leader in the metals and mining industry, Hindustan Zinc is pivotal in providing critical metals essential for the global energy transition for a sustainable future.

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