

ZINC NEWS

THE MONTHLY HOUSE JOURNAL OF HINDUSTAN ZINC

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POSHIT BHARAT, SWASTH BHARAT

ZINC HAI ZAROORI

#POSHANMAAH

ISSUE FOCUS

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Nurturing The
Community

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Creative Engineering



MR. ARUN MISRA

CEO, HINDUSTAN ZINC

“

“The importance of Zinc in strengthening our immunity and protecting us cannot be emphasized enough, as the pandemic has shown the world. Compound that with the deficiency of this key micronutrient in our natural everyday food is a concern that requires all stakeholders to urgently and collectively work towards food fortification. As a conscious step, we at Hindustan Zinc have partnered with IZA and commissioned the study of new and innovative products and technologies to convert primary zinc to raw materials for zinc fertilizer production. We have also initiated a zinc fertilizer trial on a farmland at Udaipur in Rajasthan, India to enable Agri-solutions for nutrition security. At a strategic level, in order to achieve the greater objective of the Sustainable Development Goals (SDGs) of the United Nations that aims to eradicate hunger, poverty, and malnutrition by 2030 by the signatory countries, including India, a favourable and conducive micronutrient policy is inevitable for ensuring the food, nutrition and health security of the country and our people.”

”

Click the icon to engage with our CEO on Twitter:



ZINC HAI ZAROORI

Living Zinc-Fortified Lives

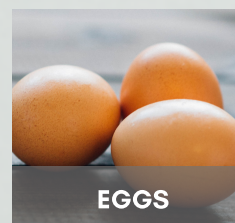
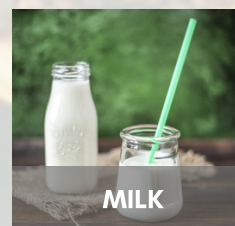
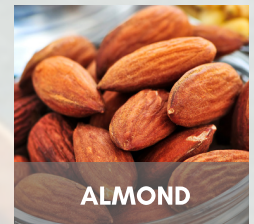
India is one of the many nations with zinc-deficient agricultural soils – the average deficiency is around 40%, impacting crop yield and quality, which has affected human health adversely and led to micronutrient malnutrition.

It is extremely important to ensure biofortification of crops so that children, women, pregnant and lactating mothers get nutritious food. This will ensure Zinc

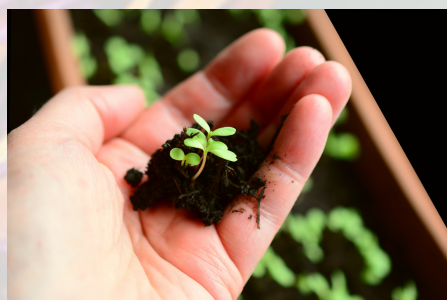
Zinc rich meal ensures improved digestive health, shortens common cold, supports wound healing, fends off heart problems, improves eye and skin health and also treats hypothyroidism.

Zinc through balanced diet and dietary supplements is also a key to boost immunity for fighting COVID-19. So ensure you include a lot of zinc-rich food in your diet for stronger immunity, as prevention is always better than cure!

Some Commonly Available Food Sources of Zinc



The United Nations has labelled zinc a 'Life Saving Commodity,' and lives of 200,000 children can be saved every year with increased access to zinc.



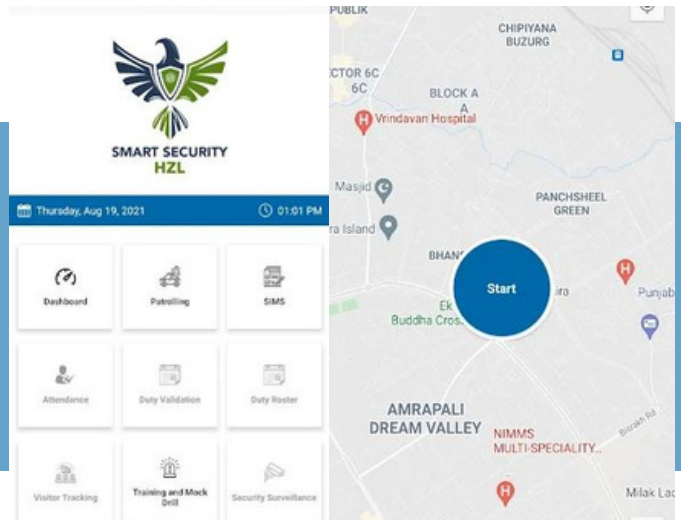
HINDUSTAN ZINC COMMITS TO 'LONG-TERM TARGET TO REACH NET-ZERO EMISSIONS BY 2050'



We have committed to set the long term target to reach Net Zero emission by 2050 in line with Business Ambition for 1.5 C campaign led by Science Based Target initiatives (SBTi)

A SMART SECURITY MANAGEMENT SOLUTION

Our Security team has launched the Security Incident Management System (SIMS) App. It is an integrated mobile/web-based security monitoring & analytics solution to manage and track all security incidents and performances to enhance safety.



SAFETY FOR ALL

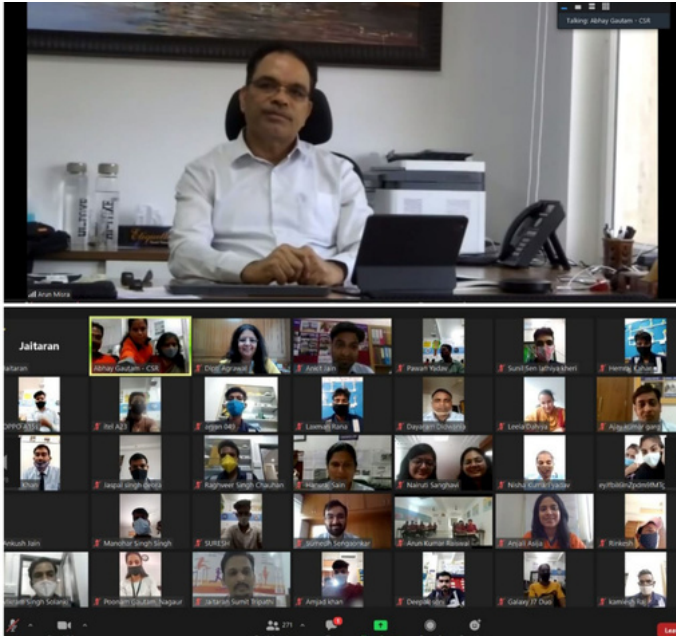
Debari team has introduced the concept of fortnightly safety alert briefings. All employees who are unable to join during shopfloor interactions are included here. Safety matters are discussed along with learnings and process improvements that can be ensured to build a culture of safety.



FIRST AID AND SAFETY TRAINING AT PANTNAGAR

A safety and first aid training was organized for all employees and business partners at Pantnagar. Employees were trained on basic CPR, application of first aid and homemade remedies for medical injuries.





YOUTH OF TODAY, LEADERS OF TOMORROW

On occasion of International Youth Day, our CEO Mr. Arun Misra had a motivational session with over 250 trainees from our multiple skill centers. The young trainees asked for guidance on various matters related to personal life and their careers. Many youth from local communities were also recognized for their achievements.

HONORING OLYMPIC RACEWALKER BHAWNA JAT FOR HER EXEMPLARY ROLE IN SPORTS & NATION BUILDING

Bhawna Jat, who recently returned from the Olympics was encouraged and felicitated by our Director of Dariba Smelting Complex, Mr. Sanjay Khator. A resident of Kabra village in Rajsamand district, Bhawna Jat, participated in the 20 km race walk in the Tokyo Olympics.



SAKHIS CELEBRATE RAKSHABANDHAN WITH ECO-FRIENDLY RAKHIS



30 Sakhis from our SHGs crafted over 3000 Rakhis with unique designs made from scrap fabrics.

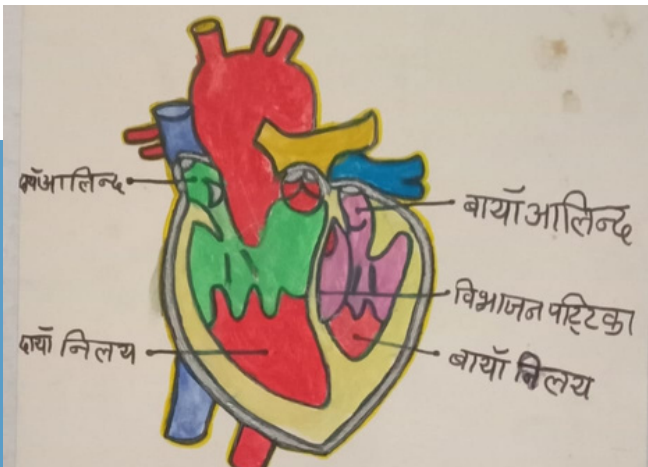
In addition to selling them, these rakhis were tied to COVID warriors, Police personnel, our COO Mines Mr. Praveen Sharma and other leaders as a gesture of gratitude.



Celebrating International Day of Indigenous People with tribal villages of Debari & Zawar



National Small Industry Day celebrated through sessions with women-led Sakhi microenterprises



Saving lives through organ donation - A poster campaign on World Organ Donation Day across locations



Spreading awareness on World Breastfeeding Week around mother and child health benefits

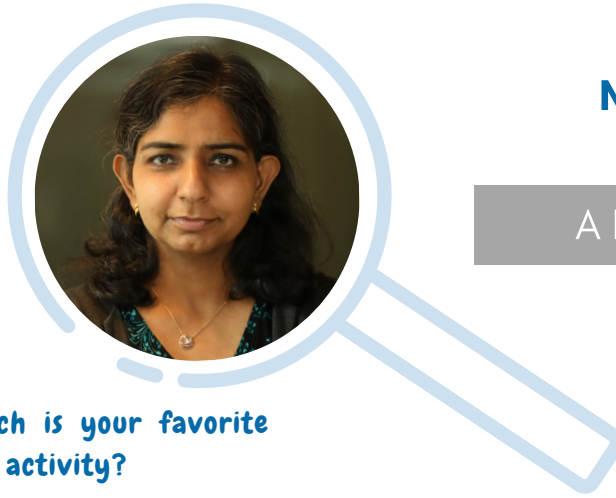


Mobile Health Van launched across locations for doorstep Primary Healthcare Facilities for rural community



'Utho Ri' campaign to spread the message of equality and women rights through Sakhis

KNOW YOUR COLLEAGUES



NURTURING THE COMMUNITY

ANUPAM NIDHI

HEAD CSR

Q: What inspires you?

A: Life challenges and the need to better myself each time in every role

Q: An incident that you feel was a turning point in your life

A: Leaving the role of Head-Human Resources of an IT company in my mid 20s to follow my gut feel that I could do so much more and serve a larger cause.

With big risks comes greater rewards and the chance to make a difference. It did come true for me having plunged into the development sector from the plush corporate office to work for likes of Self Employed Women's Association (SEWA), and Leadership for Environment and Development-LEAD-India. Accumulation of this grass-root experience has enabled me to stay rooted while delivering my responsibilities over the years.

Q: Which is your favorite leisure activity?

A: Cycling with my daughter and Baking are stress busters for me. Weekend at times

Q: What is your mantra for success?

A: Get clear on what truly motivates you. Be true to who you really are and continue your journey of inner self refinement from imperfection to perfection

Q: A habit/culture that you would like to foster around you?

A: One should be in awareness in every moment as life is **HERE AND NOW!**

Q: What does innovation mean to you?

A: Making **REAL** what matters is innovation to me.

Q: What is the goal that you have set for yourself as Head CSR, HZL?

A: HZL to be in the top 3 revered companies in India for their sustainable social contributions

Q: A message for our readers

A: For retaining your creative self, one must learn not to worry about making mistakes—everyone makes them!

Important is to learn from them and move on! Think **BIG** and Think ahead of times as Ideas are no one's monopoly.

THE CLICHED QUESTIONS

Q: If you were stranded on an island what 3 things will you want with you?

A: To get traced and back to the mainland, all I need would be a smartphone, an internet connectivity and battery charger (if its solar it would be great)

Q: Favorite Movie/ actor/ song

A: I, Me and Irene/ Raj Kapoor/I had a dream (ABBA)

Q: Biggest fear

A: Losing my loved ones

Q: Favorite destination

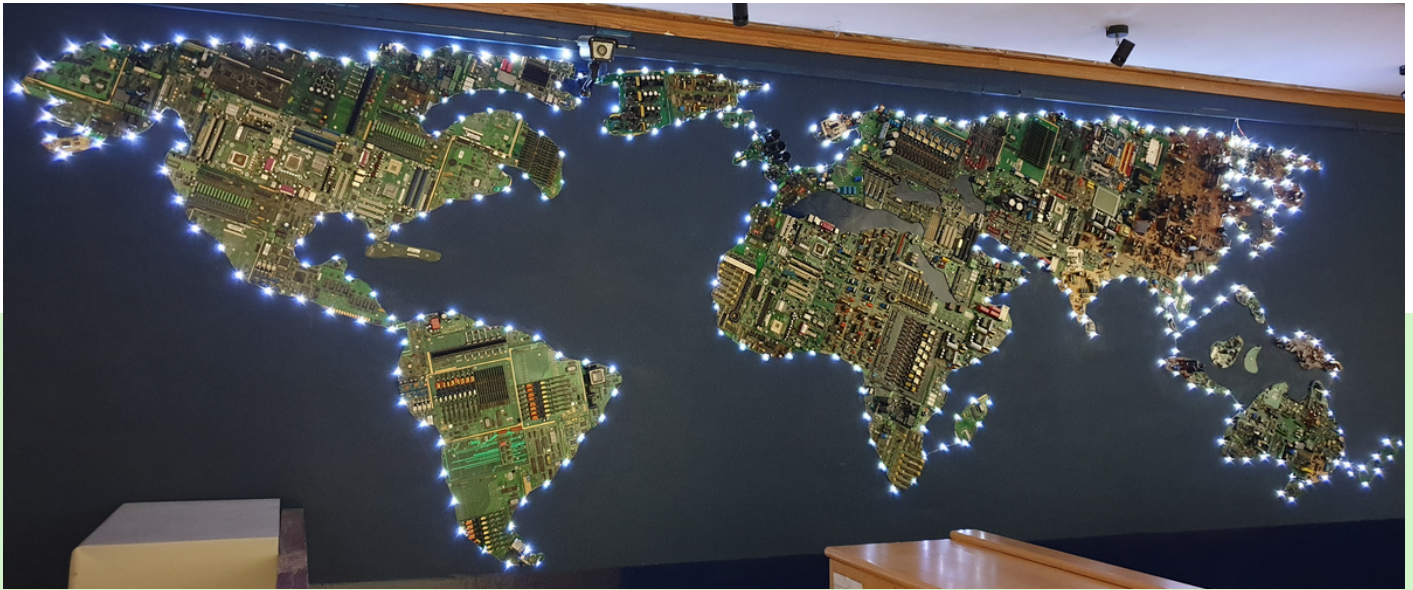
A: Germany

Q: If you could have any superpower, what would it be?

A: To heal



CREATIVE ENGINEERING - WASTE TO ART



THE ART

Repurposing waste to create value has been one of the core principles followed by all employees at Hindustan Zinc. The spirit of recycling and innovating was followed by our team at Chanderiya, who used scrapped electrical circuit panels to develop an awe inspiring world map that brightened the walls of CLZS CDSS building. This beautiful artwork with electrical waste comprising scrapped motherboards and electrical circuit panels was made by a team of 5 enthusiastic and creative employees at Chanderiya. Their efforts not only recycled waste intelligently but also enhanced the workplace aesthetics.

THE ARTISTS

Inspired by the wall artworks at the international airport at Mumbai, Pranjali, a civil engineer at Hydro plant Chanderiya and Avishkar, an associate manager at leaching and purification plant at hydro conceptualized this wall art. Bhagwati, the carpenter working with civil team since 11 years designed the world map on the wall with Pranjali. Rishi, an asset and integrity manager with 16 years of work experience and Avishkar arranged for electrical waste from across the location and brought it together. Prasant, the plumber working with civil team since 2 years and Bhagwati fixed the art on the wall, added the lighting effect to it and brought the masterpiece to life.



Pranjali Patil



Avishkar Ojha



Rishi Sharma



Bhagwati Lal Suthar



Prasant Muduli

CARING FOR OUR PEOPLE: 43700+ DOSES ADMINISTERED AND COUNTING...

Hindustan Zinc Mega Vaccination Drive continues

Our people receiving their final dose and getting #CompletelyVaccinated

Are you fully vaccinated yet?
Time to take your final dose!

ALWAYS WEAR A MASK | MAINTAIN SOCIAL DISTANCING | WASH YOUR HANDS OFTEN

Completely COVID-19 vaccinated !!!
#HZLCares

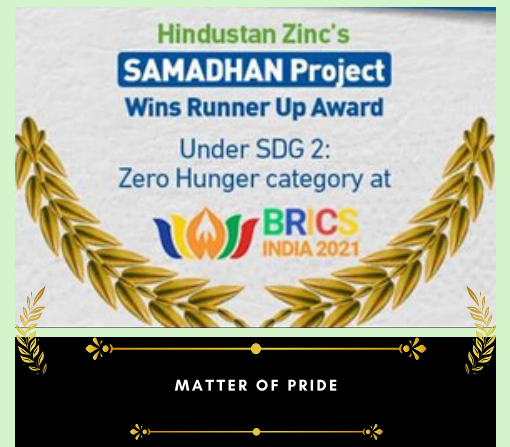
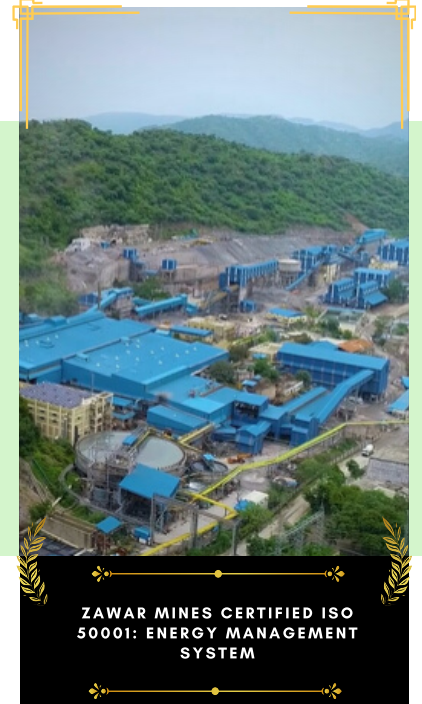
BEST - IN - CLASS SUPPLY CHAIN MANAGEMENT: A CENTRALIZED MEGA WAREHOUSE



We are proud to announce that we recently inaugurated our Central Mega warehouse near Udaipur. This state of the art facility will help us achieve inventory consolidation by using technological innovation. It will also reduce our Gross Working Capital and improve efficiency of our supply chain.

The inauguration of the Mega warehouse was done by Mr. Vinaya Jain (CFO – HZL) and Mr. R. Shanker (CEO – TVS Supply chain Solutions). The event was marked by the presence of the leadership team of Hindustan Zinc – Ms. Sunipa Roy (CCO - HZL), Mr. Sandeep Modi (Dy. CFO) and Mr. Manoj Soni (VP - Business Excellence) and the leadership team of TVS Supply Chain Solutions – Mr. Girija Shanker (Chief Sales and Solutions Officer).





Hindustan Zinc won a whopping 10 awards at the 7th edition of National Awards for excellence across 4 categories:

National award for Manufacturer of the year
- CLZS Pyro, CLZS Hydro, Dariba Zinc Smelter, Pantnagar Metal Plant

National award for Best in Class Operational Excellence
- CLZS Pyro, CLZS Hydro, Dariba Zinc Smelter, Pantnagar Metal Plant

National award for Best in Class Safety excellence received by Pantnagar Metal Plant

National award for Best Overall Excellence in CSR received by Hindustan Zinc



RCMME INDUSTRY SPEAKS

We plan to introduce Mobile Miner Technology in our mines



Arun Misra, CEO, Hindustan Zinc

Our vision is to achieve a 100 percent transition from diesel-powered equipment to battery/electrically powered equipment, says Arun Misra, CEO, Hindustan Zinc.

How are the recent policy changes helping the mining industry to recover? What is the trend in underground mining?

How are the recent policy changes helping the mining industry to recover? What is the trend in underground mining? This is a welcome step by the government to identify new mining blocks and auction them. The recent policy changes will open up avenues to bring more transparency in auctioning the blocks, both for exploration and mining. It will augment revenue and employment opportunities in the country. Private players will now be able to extend their support to bring new technology, innovation and expertise in the field of mining. I believe that these strategic interventions in mining, coal transmission and basic India's aim of a \$5 trillion economy.

Further, if the government allows private players to explore minerals, it will accelerate new mining blocks, converting them into operational mines, thus resulting in enhanced production and reduce dependence on imports. Rajasthan in particular is rich in copper, zinc, silver, lead, along with shale oil, gas, limestone, phosphatic and potash. All the minerals imported from abroad are available in the state, and by producing these minerals, the state can earn 62 percent of the country's foreign exchange.

How are the new policy steps promoting the use of advanced technologies in mining?


New technologies can benefit the mining industry and consumers in all stages of the mining life cycle. Modern mining's core proposition is driven largely using technology right from mine to the metal. The mining industry can play a pivotal role in reaching the \$5-trillion economy goal through indirect contribution and by nurturing downstream industries. This will require private investment and support from the government in the form of policies. The government has long lacked the courage of introducing in mine-related functions such as exploration, surveillance, reclamation etc. Few recent policy steps by the government such as auctioning of commercial coal mining to private players, MDO will not only help increasing

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B2B PURCHASE

FEATURE - UNDERGROUND MINING EQUIPMENT

"UNDERGROUND MINES ARE FOCUSED ON INCREASING THE USE OF TECH"



Arun Misra, CEO, Hindustan Zinc

In light of the plans of infrastructure creation and reforms in mining, what opportunities do you foresee for underground mining equipment?

Over the past 150 years, the mining industry has been remarkably successful in growing its productivity. Industry 4.0 is an ongoing transformation of traditional industries with smart technologies. Automation, analytics, and artificial intelligence are changing the way mines operate.

Taking a step closer to achieving carbon neutrality, Hindustan Zinc signed an MoU with Ipirco for zero-emission and sustainable mining by the introduction of battery electric vehicle (BEV) in underground mining. This will help Hindustan Zinc to explore the possibility of introducing battery-operated vehicles in underground mines, which will help reduce carbon emissions, enabling the mine operations to become more environmentally friendly. The future is electric, and technologies such as these will be at the forefront of smart operations.

Such technologies will help in the future to allow a fleet of highly efficient electric-powered equipment that at one end will lead to carbon neutrality by replacing diesel-fueled equipment and on the other hand, will increase productivity with its evolved design.

How has the second wave of Covid-19 impacted the underground mining equipment industry?

2021 began with the unprecedented challenge of Covid-19 and its unforeseen consequences like the lockdown across the world. Mines across the world are facing operational

challenges to ramp up production while complying with social distancing norms. Global mine supply continued to face Covid-related disruptions and significant production was lost in China, Peru, Bolivia, and Mexico. A few of which are likely to be lasting in nature.

FT2021 witnessed suspension of business operations due to the lockdown in April 2020. It was followed by exceptional workforce-related restrictions and safety

measures that had to be put in place through the rest of the year. It was a year that saw some mine closures globally, coupled with new project delays.

At Hindustan Zinc, minimal effect on our business by making use of digital infrastructure and its associated packages like Opti-Mine, CSI-PA, office-365, AIC, and Org-wide CCTV surveillance. This infrastructure helped us to ensure minimal footprint at the plant, reduced on-site, and far-off operations with self-help. Thermal scanners and contactless attendance were few quick changeovers to maintain the hygiene and safety of the people. A virtual platform like Office-365 has enabled a great level of remote collaborations and helped our team to work from home in compliance with Government's directives on Covid-19. The pandemic has also played an important role in capacity building through digital learning platforms like Percipio.

What is the current scenario of underground mining in India?

Because of the technological revolution, the nature of mining is constantly shifting and needs of the

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EQUIPMENT INDIA

#HangoutwithBI

BUSINESS INSIDER INDIA

The CEO of India's largest zinc miner wants a share of Bangladesh's economic boom



ARUN MISRA
CEO, Hindustan Zinc Limited

SRIRAM IYER
Editor-in-Chief
Business Insider India

BUSINESS INSIDER

Sakshi - Hindustan Zinc's comprehensive approach to Women Empowerment through MSMEs




Small Industry Day is inaugurated each year on 30th August. This day is celebrated nationally with the aim of promoting the second largest employment generating sector - the Small and Medium Enterprises (SME) sector. Small industries have a critical role in the economic development of a country like India. With around 36.1 million units, it has been reported that MSMEs contribute around 6.71 per cent of the manufacturing GDP and 24.63 per cent of the GDP from service activities. MSME industries employ 120 million people and further has the potential to enhance its contribution to GDP up to 50 per cent by 2025.

CSR JOURNAL

Sustainability: Hindustan Zinc commits to Long-term target to reach net-zero emissions by 2050 in alignment with SBTi

Hindustan Zinc and the Science-Based Targets initiative (SBTi) together will aid in limiting the global warming rise to 1.5°C.



Arun Misra, CEO, Hindustan Zinc

Udaipur headquartered Hindustan Zinc Limited has committed to set the long-term target to reach Net Zero emissions by 2050. The target has aligned with a Business Ambition for 1.5°C campaign led by the Science-Based Targets initiative (SBTi), a Science-Based Targets initiative. The initiative is an ambitious collaboration between CDP, the United Nations Global Compact, World Resources Institute (WRI), and the World Wide Fund for Nature (WWF).

The company recently launched its first Task Force on Climate-related Financial Disclosures (TCFD) Report based on TCFD recommendations and guidance. The company has prepared to set the climate targets in line with limiting the global temperature rise to 1.5°C (Business Ambition for 1.5°C Campaign-2020).

On committing to Business Ambition for the 1.5°C Campaign, Arun Misra, CEO, Hindustan Zinc adds, "Sustainability has always been the most prominent vision of Hindustan Zinc. The sustainability accounting globally due to climate change demonstrate that our Earth is very vulnerable to global warming. It's time that we should do our part to control and limit the global temperature rise."

INDIA CSR

हिंदुस्तान जिंक भविष्य तैयार है, बेहतर भारत के लिए

हिंदुस्तान जिंक भारत में सबसे बड़े और सबसे अधिक सक्रिय जिंक और कॉपर खनिजों का उत्पादक है। हमारे पास 100 से अधिक खनिज ब्लॉक हैं, जो हमें भविष्य में बढ़ती हुई डिमांड को पूरा करने में मदद करेंगे। हमारा लक्ष्य है कि हम 2025 तक अपना उत्पादन 100 मिलियन टन प्रति वर्ष तक बढ़ा सकेंगे। हमारे पास 25,000 से अधिक एम्प्लॉयी हैं, जो हमें एक बेहतरीन भारत के लिए काम करने में मदद करेंगे। हमारे पास 100 से अधिक कॉर्पोरेट सोल्यूशंस हैं, जो हमें हमारे ग्राहकों को बेहतर सेवा देने में मदद करेंगे। हमारे पास 100 से अधिक कॉर्पोरेट सोल्यूशंस हैं, जो हमें हमारे ग्राहकों को बेहतर सेवा देने में मदद करेंगे। हमारे पास 100 से अधिक कॉर्पोरेट सोल्यूशंस हैं, जो हमें हमारे ग्राहकों को बेहतर सेवा देने में मदद करेंगे।

DAINIK BHASKAR

हिंदुस्तान जिंक तराश रही फुटबॉल खिलाड़ी

हिंदुस्तान जिंक द्वारा आयोजित फुटबॉल प्रशिक्षण कार्यक्रम का शुभारंभ हुआ। इस कार्यक्रम में 100 से अधिक खिलाड़ियों को प्रशिक्षण दिया गया।

RAJASTHAN PATRIKA

QUIZ TIME

PARTICIPATE TO WIN EXCITING PRIZES!

[Click Here](#) 

Dear Employees,
Hope you enjoyed reading the September 2021 edition of Zinc News.

Now it is time for some quiz around it.

The correct answers will automatically enter a lucky draw and 3 winners will each get an exciting prize!

WINNERS OF LAST MONTH'S ZINC NEWS QUIZ



BHAVESH JAIN, DARIBA

APOORVA VYAS, DARIBA

KAMAL KANT SHARMA, DARIBA

Congratulations! We will contact you soon regarding your prizes!

FROM THE EDITOR'S DESK

Dear Readers,

India is celebrating the entire month of September as Poshan Maah, a huge reminder to all of us that this critical piece of ensuring food security in everyone's life is a matter that needs our attention and action.

We are India's largest and world's second largest Zinc producers and no one better understands the value and importance of this metal than us. From protecting huge buildings, bridges, rails to protecting our food and our life, this is one 'miracle' metal.

Zinc is indeed one of the key micronutrients that enable a fortified living and so I would urge all of you to ensure that your meals are balanced and most importantly nutritious.

After all, Poshit Bharat is Swasth Bharat!

Warm Regards,
Dipti Agrawal,
Head - Corporate Communication

Follow HZL on Social Media by clicking these icons:

