

# ZINC NEWS

MONTHLY HOUSE JOURNAL OF HINDUSTAN ZINC LIMITED

**ZINC NEWS | VOL 44 | ISSUE 11 | NOVEMBER 2024**



## **COVER STORY:**

**Hindustan Zinc Limited Advancing  
India's Path to Critical Mineral Self-  
Reliance and Sustainable Growth**

## **FEATURE STORY:**

**Chairman Anil Agarwal  
and HZL Chairperson  
Priya Agarwal Hebbar  
Visit Hindustan Zinc  
Limited**

# COVER STORY

***Hindustan Zinc Limited Advancing India's Path to Critical Mineral Self-Reliance and Sustainable Growth***



## India's Path to Critical Mineral Independence

We are proud to reaffirm our commitment to India's journey towards critical mineral self-reliance as we continue to play a pivotal role in strengthening the country's mineral and metals landscape. At Hindustan Zinc, our ideology has always been focused on expanding our capabilities and portfolio, ensuring that we contribute meaningfully to India's growth and independence. Our recent efforts, including the development of key mineral resources further strengthen our position in the sector. By developing critical resources, we are driving local employment and promoting sustainable community growth, reinforcing our role as a leader in the minerals and metals sector.



# FEATURE STORY

## CHAIRMAN ANIL AGARWAL AND HZL CHAIRPERSON PRIYA AGARWAL HEBBAR VISIT HINDUSTAN ZINC LIMITED



We were honored to welcome our Chairman, Shri Anil Agarwal, and HZL Chairperson, Ms. Priya Agarwal Hebbar, to our Sindesar Khurd Mine. They engaged with our High Potential (HiPo) leaders, reflecting Vedanta's DNA and encouraging employees to have an owner's mindset, agility, and empower diverse, young teams. They shared the vision for HZL 2.0, aiming for 20 lakh tonnes of production, 50% female workforce diversity, advanced automation in mining, and leadership in ESG excellence.



Their visit provided an opportunity to engage with our employees, families, and valued business partners, strengthening our relationships for mutual growth. They even celebrated Hindustan Zinc's impressive journey from 2 lakh tonnes in 2002 to a target of 12 lakh tonnes by FY25, powered by the most advanced technology.



They also met with our CSR beneficiaries, reinforcing our commitment to transforming communities while interacting with employees and their families to strengthen connections and celebrate our holistic growth journey.

**Under the leadership of our Chairman and Chairperson, we remain committed to sustainably producing Critical Metals for the Clean Energy transition and powering India's future**



# BUSINESS

## Hindustan Zinc at the 43rd India International Trade Fair



We recently had the privilege of welcoming Shri G. Kishan Reddy, Hon'ble Union Minister of Mines and Coal; Shri VL Kantha Rao, Secretary, Ministry of Mines; and Shri Sanjay Lohiya, Additional Secretary, Ministry of Mines, to our stall at the 43rd India International Trade Fair in New Delhi. We showcased our mining processes through exhibits and model equipment, highlighting how our metals are driving India's production growth, transforming lives in Rajasthan, and leading the way towards a sustainable and eco-friendly future.





# BUSINESS

## Hindustan Zinc at the Rising Rajasthan Mines and Petroleum Pre-Summit



We participated in the Rising Rajasthan Mines and Petroleum Pre-Summit in Jaipur, alongside Hon'ble Rajasthan's Chief Minister, Shri Bhajan Lal Sharma, aiming at fostering sustainable growth and driving innovation for the future. Our CEO, Arun Misra, and other distinguished guests engaged in discussions focused on the key opportunities and advancements within the mining and petroleum sectors.

## Hindustan Zinc Hosts 24th Tripartite Meeting to Strengthen Safety Standards



We recently hosted the 24th Tripartite Meeting with the Directorate General of Mines Safety in Udaipur, reinforcing Hindustan Zinc's commitment to a #SafetyFirst culture. The meeting focused on sharing key safety insights and best practices, all with the goal of achieving a Zero-Harm workplace.

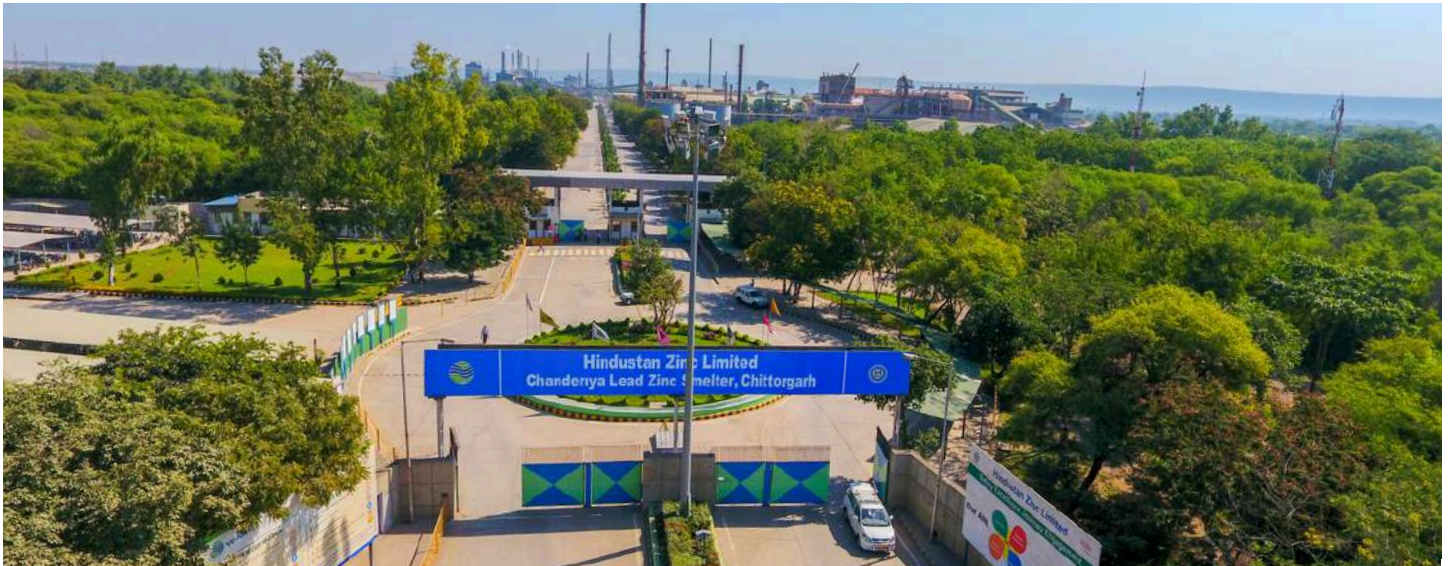
## Hindustan Zinc Signs an Agreement with VEXL Environ Projects Pvt. Ltd.



We have partnered with VEXL Environ Projects, one of India's leading companies in water treatment and recycling technology, to set up a pilot plant for waste-to-wealth transformation. This initiative promotes circular economy practices, reduces environmental impact, and supports sustainable mining practices.

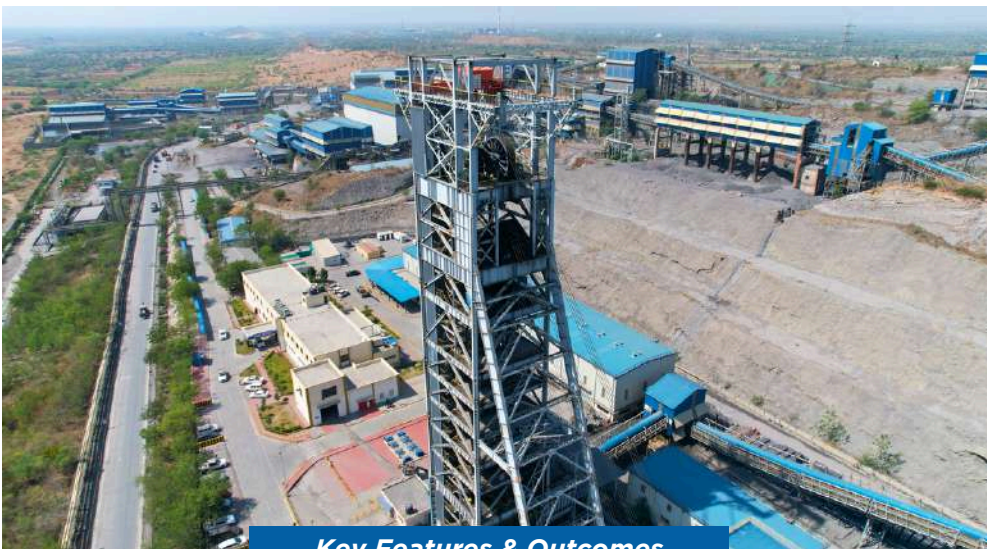


## Hindustan Zinc's Fumer Plant: Advancing Sustainability and Boosting Silver Production



Our first fumer plant, commissioned at our Chanderiya Lead Zinc Smelter, plays a pivotal role in both boosting silver production and advancing sustainability. The facility increased silver output by 30 MTPA in Financial Year 2023-24 and converted jarosite, a by-product, into eco-friendly slag, which is repurposed by the cement industry. This initiative aligns with our commitment to the circular economy, waste reduction, and metal recovery, while also supporting the expansion of our recycling business.

## Boosting Mine Shaft Utilization through Cage-Skip



### Key Features & Outcomes

In a pioneering move, we have installed a partition between the cage (man winding) and skip (material winding) in the 7.5-meter shaft at our mining locations, enabling their simultaneous operation. This initiative improves personnel safety by reducing material spillage risk and eliminating operational bottlenecks, enhancing both efficiency and safety in our mining practices.

- 📈 **Increased operating hours** from 12 to 16, increasing hoisting capacity by 2,680 MT/day.
- 📈 **Improved mine safety** and **reduced rework** through enhanced flexibility and agility.
- 📈 **Increased hoisting system utilization** by 4 hours/day with simultaneous man-winding.
- 📈 Achieved **cumulative savings** of over ₹10 crore in FY 2023-24.
- 📈 Recorded a 22% **increase in rock hoisting** compared to the previous fiscal year.



## Reaffirming Our Commitment to Superior Product Quality and Innovation



We are committed to delivering superior quality and driving innovation, supported by global certifications that attest to our excellence. *These include:*

- **National Accreditation Board for Testing and Calibration Laboratories (NABL):** Ensures reliable testing and calibrations with quality systems.
- **REACH:** Allows exports to Europe.
- **Environmental Product Declaration (EPD):** Provides transparent data on products' environmental impact.
- **London Metal Exchange Certification (LME):** Ensures products meet the highest purity standards.
- **ISO 9001:2015 - Quality Management System:** Commits to exceeding customer expectations through efficient processes and skilled teams, ensuring flawless products.



## Hindustan Zinc Aims to Double Production with \$2 Billion Expansion Plan

Featured By **ManufacturingToday**

### Key Takeaways

- Hindustan Zinc plans to double production to **2 million tons in 5 years** with a \$2 billion investment.
- The business plans to produce **1.2 million tonnes in 2025, 1.35 million tonnes in 2026, and 1.8 million tonnes in 2027**, with project details expected by quarter-end.
- The firm recorded a **34.5 per cent increase in overall net profit** to Rs 2,327 crore for the quarter ended September 30, 2024, driven by greater income.
- The firm has a **75 per cent market dominance** in India's main zinc sector and sells to over 40 nations.



**Arun Misra**  
CEO & Whole-time Director,  
Hindustan Zinc Limited

**Click Here to Read the Authored Article!**



# DIGITAL & INNOVATION

## Simulator Training: Enhancing Safety and Productivity in Mining



To enhance safety and productivity in mining, we train our operators using simulators for critical equipment such as Load Profile Dump Trucks (LPDTs), Load-Haul Dumpers (LHDs), and jumbo drills. Simulators provide a risk-free environment to build skills and test equipment. Training begins with a hand-eye coordination test, followed by simulator sessions for specific machinery. Operators then practice on actual equipment under supervision, and upon passing the assessment, they receive a license to operate independently.

## Enhancing Efficiency with Advanced Motorised Directional Drilling (MDD) Technology



In our continuous effort to improve efficiency, our Sindesar Khurd Mine is utilizing advanced Motorised Directional Drilling (MDD) technology. This technique allows precise control over drill paths, helping to reach underground targets or create multiple branch holes from a single starting point. The technology reduces costs, saves time, simplifies drill planning, and minimizes environmental impact.



# PEOPLE PRACTICES

## Celebrating the Magic of Childhood this Children's Day



Our office was filled with laughter as employees' kids joined them for a delightful evening of fun activities and competitions, bringing back the joy of childhood!

## Men's Day Celebration: Honoring Strength, Compassion, and Dedication



This Men's Day, we came together to celebrate the strength, resilience, and dedication of the men who inspire us daily!



# PEOPLE PRACTICES

## Developing Future Talent with Our New Graduate Engineer Trainee Batch



Our new GET batch kick-started their journey on 18th November 2024 with a dynamic one-month Technical Training Program. This program blends two weeks of engaging online sessions and on-site training provid them a holistic training experience.

## Developing Future Talent with Our New Graduate Engineer Trainee Batch



Sufiya Sufi - ultrarunner and our Health and Fitness Ambassador has achieved an extraordinary milestone by becoming the first woman to complete the challenging Dudhsagar Ultra Race in Goa. Her determination and tenacity redefine endurance and we are proud to support this unstoppable force.

## Police Pride Awards Honor 70 Policemen for their Dedication to Safety



Our IBU CEO of Rampura Agucha Mine, Kishore Kumar S., attended the Police Pride Awards in Bhilwara, recognizing 70 policemen from Bhilwara and Shahpura for their dedication to safety and law enforcement. Organized by Dainik Bhaskar, the event also featured Bhilwara SP Dharmendra Singh Yadav and Additional SP Paras Jain.



# PEOPLE OF ZINC CITY

This month, we spotlight **Anuj, a Mechanical Engineer at Sindesar Khurd Mine** and NSS Awardee, representing India and Hindustan Zinc's youth and community impact.



## How would you describe your journey to becoming the National Youth Icon?

Becoming a Youth Icon has been a journey of purpose and growth, fueled by a passion for social change. While the National Award was an honor, my role as a Youth Icon drives me to create lasting impact, contribute to Hindustan Zinc's growth, and inspire positive change for our nation's future.



## What's your favorite way to relax and unwind after a busy day?

While my work is important, I recharge by exploring new ideas and connecting with others. Meaningful conversations about trends and innovations refresh me, as relaxation comes from purposeful engagement and discovering ways to shape a better future.

## If you could share one impactful message with the world, what would it be?

Inspired by the Dandi March, my advice to youth is: start as an active listener, grow as a learner, and evolve into a leader who uplifts others. True growth comes from learning, leading, and inspiring.



# SAFE & SUSTAINABLE

## Zawar Group of Mine's First-Ever All-Woman Work at Height & Rescue Team



Our Zawar business unit has launched its first Work at Height Women Rescue Team, specializing in high-altitude rescue operations. This initiative underscores our commitment to empowering women and promoting workplace diversity and excellence.

## Hindustan Zinc Celebrates the 35th Mine Environment & Mineral Conservation Week Across All Our Mining Locations



**Kayad Mine**



**Rampura Agucha Mine**



**Rajpura Dariba Complex**



**Zawar Group of Mines**

We recently organized the 35th Mine Environment & Mineral Conservation Week across all our mining locations in Rajasthan, under the aegis of the Indian Bureau of Mines (Ajmer Region). The event featured a range of engaging activities, including tree planting initiatives, informative facility tours, and visits to biodiversity parks. These activities were designed to highlight our ongoing commitment to sustainable mining practices, environmental conservation, and the development of local communities.



# SAFE & SUSTAINABLE





## Hindustan Zinc Hosts First Aid and Trade Test Competition to Promote Mine Safety



We hosted the First Aid and Trade Test Competition during the 48th Mine Safety Week at Rajpura Dariba Complex. Over 250 participants from various mining sectors came together to participate and reaffirm their commitment to the #SafetyFirst culture, promoting a safer and more sustainable mining industry for all.

## Hindustan Zinc Leading the Way in Sustainability



-  Achieved **2.41** times water positivity, setting industry benchmarks in water stewardship.
-  On track to achieve **5 times** water positivity by 2025.
-  Committed to sustainable water management through the **4R** approach: Reuse, Reduce, Replenish, and Recycle.
-  Contributing to the United Nations Sustainable Development Goals

### Key Projects

- **Sewage Treatment Plant** (Udaipur)
- **Groundwater Recharge Structure** (Rampura Agucha Mine)
- **Dry Tailing Plant** (Zawar Group of Mines)
- **RO Zero Liquid Discharge Plants** (Zinc Smelter Debari, Zawar Group of Mines & Rampura Agucha Mine)



# COMMUNITY

## Hindustan Zinc Signs ₹36 Crore MoU with Rajasthan Government to Transform Education in the State

### Education Pre-Summit 2024

6th November 2024: Hotel Intercontinental, Tonk Road, Jaipur

Department of School Education  
**MOU PARTNER**

<b>Company Name</b>	Hindustan Zinc Limited
<b>Project Title</b>	Shiksha Sambal
<b>Location</b>	All Rajasthan
<b>Proposed Employment</b>	2120
<b>Representative</b>	Ms. Anupam



As part of the Rising Rajasthan initiative, we have signed a ₹36 crore MoU with the Rajasthan Department of Education to support 72 government schools through our Shiksha Sambal initiative. This collaboration will benefit 2 lakh students annually by providing career counselling and vocational training to students statewide over five years, equipping them with essential skills.

## Our Army of 25,000 Women from Sakhi initiative Redefining Rural Rajasthan

Featured By



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Our flagship CSR initiative - Sakhi empowers 25,000+ rural and tribal women in 200 villages through SHGs, vocational training, and economic support. It promotes self-reliance, leadership, and social change, raising awareness on issues like child marriage and gender-based violence. The program has fostered economic growth via micro-enterprises and credit linkages, benefiting over 2 million people.



## Transforming Dairy Farming with Samadhan Initiative for a Sustainable Future



Our CSR initiative, Samadhan, empowers over 1,000 dairy farmers in 9 villages, fostering sustainable livelihoods in our operational areas. Through training and resources, we support the Gauvam brand, which has processed over 6 lakh liters of milk into premium products like Low Fat Milk, Bilona Ghee, and Paneer, celebrating milk as a symbol of nourishment and showcasing our farmers' dedication to a sustainable future.



# COMMUNITY

## Hindustan Zinc Inaugurates Integrated Science Laboratory at Government Girls Inter-College, Pantnagar



We partnered with the Society for All Round Development (SARD) to inaugurate an Integrated Science Laboratory at GGIC College, Pantnagar, Uttarakhand. This state-of-the-art facility, equipped with advanced VR/AR technology and STEM modules, aims to foster education, innovation, and community development. It is set to benefit over 20,000 students and 600 teachers, empowering the next generation of learners.

## Hindustan Zinc's U-15 Team Shines at 3rd Vedanta Youth Cup 2024



Our Zinc Football Academy U-15 team emerged as the runner-up at the 3rd Vedanta Youth Cup 2024 in Goa, displaying exceptional skill and spirit throughout the tournament. Dominating Group B, they showcased their talent and determination towards the sports. In a thrilling semi-final, they triumphed over Bengaluru FC, securing a hard-fought victory. In the grand finale, they gave their all against Muthoot FA, showcasing remarkable resilience and heart, fighting until the final whistle.

## Fostering Community Well-being Through Safety Awareness



The Safety and Medical team at Kayad Mine conducted sessions for over 230 beneficiaries of our CSR initiatives. The women's first aid team also provided health and safety training to local women and girls.



# AWARDS & RECOGNITION



We received the Gold Award for our Integrated Annual Report 2023-24 at the prestigious LACP (League of American Communications Professionals) Spotlight Awards 2024. We are proud to be the only Indian manufacturing company recognized for the 5th consecutive year, ranked among the Top 50 companies worldwide and the Top 10 Indian integrated reports.



Our Rajpura Dariba Complex has received the Scope 1 Water Positive certification, in line with NITI Aayog's guidelines, highlighting sustainable water management and the reduction of freshwater dependence.



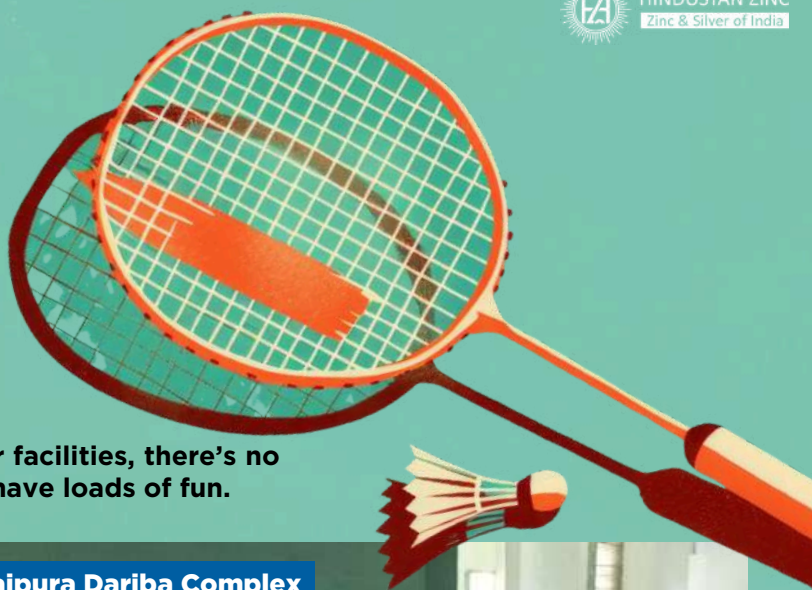
We have been awarded the 9th Apex India Occupational Health & Safety Award 2024 in the Platinum Category under the Metals & Mining Sector.



# LIFE IN ZINC CITY

As the winter chill sets in, we asked our colleagues across all business units, 'What keeps you active this winter?' The unanimous answer? **Badminton!**

With state-of-the-art badminton courts across our facilities, there's no better way to break a sweat, stay energized, and have loads of fun.



**Zawar Group of Mines**



**Rajpura Dariba Complex**



**Rampura Agucha Mine**



**Zinc Smelter Debari**



**Chanderiya Lead Zinc Smelter**



Grab your racket, rally your teammates, and let the winter action begin! Game on! 🏸

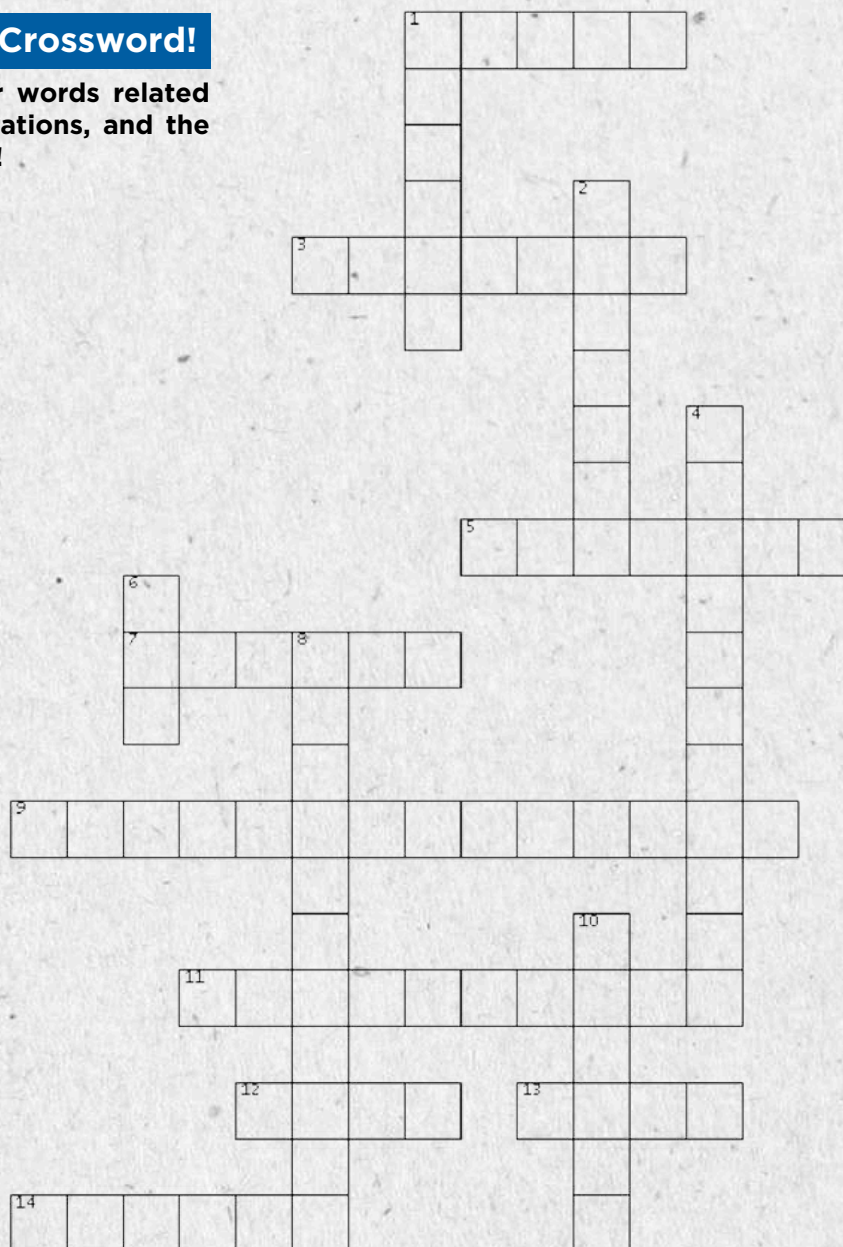




# LIFE IN ZINC CITY

## The Mine Your Mind Crossword!

Solve the clues to uncover words related to Hindustan Zinc, its operations, and the world of mining and metals!



### Across:

1. HZL's CSR initiative for women empowerment (5 letters)
3. Facility where ores are processed (7 letters)
5. Headquarters city of Hindustan Zinc (7 letters)
7. Top priority in HZL's operations (6 letters)
9. Key pillar of HZL's operations (14 letters)
11. Driving growth at HZL (10 letters)
12. Metal used in batteries, primarily produced at HZL (4 letters)
13. Essential for galvanization (4 letters)
14. Essential safety gear in mining operations (6 letters)

### Down:

1. Precious metal co-produced with zinc at HZL (6 letters)
2. Parent company of Hindustan Zinc (7 letters)
4. Critical for discovering new mineral resources (11 letters)
6. Abbreviation for social responsibility initiatives (3 letters)
8. Focus area for HZL's sustainability efforts (11 letters)
10. Primary activity of Hindustan Zinc (6 letters)

Stay tuned for the answers in the next edition of Zinc News! In the meantime, send us your solutions, and you could be featured in the upcoming issue! Keep mining those clues!



# LIFE IN ZINC CITY

Welcome to the Metal-antics!



**ZINC**

The ever-energetic innovator



**LEAD**

The heavy- hitting protector



**SILVER**

The sleek and shiny star

Every month, these three metals will team up (or get into friendly rivalry) to bring you hilarious facts, wild antics, and sparkling stories that will make you look at your everyday metals in a whole new way.

*So buckle up for a ride through the wacky world of our Heavy Hitters—  
because when these metals get together, the fun never rusts!*

Edition 1

Zinc, Lead, and Silver Save the Day!

Hey! Did you know that I'm the secret behind most batteries, from your car to your phone? I keep things rust-free too—buildings, cars, even your sunscreen! You could say I'm a superhero in disguise!

That's cute, Zinc, but let me tell you something. I'm the real heavy hitter here. I'm the one who protects against radiation and keeps batteries running smoothly. Without me, there's no safety! No protection, no progress.

Both of you are good at what you do, but let's not forget about me. I'm the best conductor of electricity—whether in electronics, jewelry, or solar panels. I'm the one that keeps things flowing smoothly. Without me, everything would be... well, stuck!





# MEDIA

English | हिन्दी | ગુજરાતી | বাংলা | తెలుగు | Business | Sports | Insurance

**FINANCIAL EXPRESS**  
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**Business News** | Option: 1. Car Buyers are Now Seeking Anti-Corrosion Warranty from Car Companies

**Car Buyers are Now Seeking Anti-Corrosion Warranty from Car Companies**

"As India becomes the fourth-largest automobile market, the need for durable materials like zinc for galvanization is crucial for enhancing vehicle performance, sustainability, and safety."

**Financial Express**

**राष्ट्रिय तस्मानिया के तहत सीतापुर में कार्यक्रम: मुख्यमंत्री बोले- 6 लाख युवाओं को प्रशिक्षित सेक्टर में रोजगार देंगे**

**एजुकेशन नीति-समिति में 28 हजार करोड़ रुपये के 507 एमओयू**

सीतापुर। तस्मानिया के तहत सीतापुर में कार्यक्रम: मुख्यमंत्री बोले- 6 लाख युवाओं को प्रशिक्षित सेक्टर में रोजगार देंगे। एजुकेशन नीति-समिति में 28 हजार करोड़ रुपये के 507 एमओयू।

राष्ट्रिय तस्मानिया के तहत सीतापुर में कार्यक्रम: मुख्यमंत्री बोले- 6 लाख युवाओं को प्रशिक्षित सेक्टर में रोजगार देंगे। एजुकेशन नीति-समिति में 28 हजार करोड़ रुपये के 507 एमओयू।

**Dainik Bhaskar - Jaipur**

**'Not only about succession, creating an institution that will last 500 years': Anil Agarwal at HTLS**

Priya Agarwal Hebbbar said she has a few changes in mind for the business her father has built

**Hindustan Times**

**Hindustan Zinc Showcases Advanced Mining Operations at India International Trade Fair 2024, New Delhi**

Udaipur, Hindustan Zinc Limited (BSE: 500188 & NSE: HINDZINC), the world's second-largest integrated zinc producer and the third-largest silver producer, showcased its technologically advanced mining operations in the heart of Delhi, in the Mines Pavilion at the

**Press Note**

**Hindustan Zinc Empowering Over 2 Lakh Underprivileged and Specially Abled Children**

**India CSR**

**उदयपुर 12-11-2024**

**इंडियन मेटल सेक्टर में वलडमेट एवरन रिपोर्ट करने वाली हिन्दुस्तान जिंक बनी पहली कंपनी**

उदयपुर। देश की सबसे बड़ी और दुनिया की दूसरी सबसे बड़ी एल्यूमीनियम रिफाइनर हिन्दुस्तान जिंक लिमिटेड अपनी चौथी वार्षिक रिपोर्ट एवरन रिपोर्ट जारी करने वाली देश में पहली और दुनिया में दूसरी सबसे बड़ी एल्यूमीनियम रिफाइनर बनी।

**Dainik Bhaskar**

**हिन्दुस्तान जिंक द्वारा स्थापित जीजीआईसी महाविद्यालय पंतनगर में एकीकृत विज्ञान प्रयोगशाला का उद्घाटन**

**Dainik Jagran**

**"We Have 3 Women Working In The Surface Mining; Amongst First In Country, And Shall Be Rapidly Adding More," Munish Vasudeva**

**BW People**

**World Quality Day: Hindustan Zinc 'reaffirms' commitment to quality**

On the occasion of World Quality Day on Thursday, Hindustan Zinc Limited (HZL), India's largest and the world's second-largest integrated zinc producer, reaffirmed its unwavering commitment to superior product quality and innovation. The company's extensive product portfolio, encompassing critical minerals like zinc, lead and silver, are certified to meet the highest international standards.

**Indian Express**

**Hindustan Zinc and Ghatawali Mataji Farmer Producer Company Celebrate National Milk Day**

2024-11-27 by Deependra S chudawat

**Udaipur Kiran**

**Hindustan Zinc's army of 25,000 women from Sakhi initiative redefining rural Rajasthan**

**India CSR**

**HZL emerges preferred bidder for Raj gold block**

Hindustan Zinc (HZL) on Friday said it has secured a composite licence for a gold mining block in Rajasthan through the state government auctions. The company said it has been declared the "preferred bidder" for the Dugocha Gold Block, something that has been confirmed by the Department of Mines & Geology, Rajasthan vide notification dated November 15.

**Business Standard**

**लगभग बढ़ रही है कार कंपनियों से जंग रोधी वार्डेंट की मांग**

सामान्य रूप से कार कंपनियों से जंग रोधी वार्डेंट की मांग बढ़ रही है। कार कंपनियों से जंग रोधी वार्डेंट की मांग बढ़ रही है। कार कंपनियों से जंग रोधी वार्डेंट की मांग बढ़ रही है।

**Dainik Bhaskar**

**HZL BAGS GOLD MINING BLOCK IN RAJASTHAN**

HINDUSTAN ZINC (HZL) has secured a composite licence for a gold mining block in Rajasthan through the state government auctions held last week.

**Financial Express**

Follow HZL on Social Media by clicking these icons:

