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Home > News National > Hindustan Zinc showcases portfolio for auto industry at ACMA Conclave



## Hindustan Zinc showcases portfolio for auto industry at ACMA Conclave

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03 Jul 2024 | 2262 Views | [By Autocar Pro News Desk](#)



Hindustan Zinc, India's largest and the world's second-largest zinc producer, showcased its comprehensive product portfolio for the automotive sector at the fourth Automotive Component Manufacturers Association (ACMA) Raw Material Conclave & Exhibition held in New Delhi on July 3.

The company's portfolio includes zinc, lead, silver and value-added products, highlighting the benefits of zinc galvanization and zinc die-casting alloys in the automotive industry.

Zinc's usage in the automotive sector, through galvanized steel, offers significant fuel and emission savings by providing high degree of corrosion resistance to lightweight steel bodies (BIW or Body-In-White), ensuring

durable, long-lasting vehicles with longer anti-perforation warranty against corrosion. Lead is vital for automotive batteries, components, radiation shielding, and providing reliability and safety. Silver enhances conductivity and efficiency in automotive electronics, including switches and relays.

### **Zinc: enabler of complex casting components**

Zinc alloys allow for the creation of complex shapes and intricate designs, ideal for casting complex components. Towards this end, the company's Centre of Excellence develops products to cater to emerging customer needs as per their specifications and enabling automakers to manufacture lighter, more fuel-efficient vehicles with superior safety features, while contributing to a sustainable future.

According to the company, its value-added zinc-based alloys, Hindustan Zinc Die Casting Alloys (HZDA 3 & HZDA 5), provide higher strength, electrical conductivity, corrosion resistance, and dimensional tolerance to automobiles.

At the ACMA Conclave, Vijay Murthy, Chief Marketing and Sales Officer at Hindustan Zinc, spoke about the importance of zinc galvanization and zinc-based alloys in creating stronger, more formable, and sustainable auto bodies.

"As the automotive industry transforms, zinc stands out as a sustainable solution for the challenges of tomorrow," said Arun Misra, CEO of Hindustan Zinc. "We're committed to collaborating with Indian automakers to unlock zinc's potential and propel India's mobility future forward. Our zinc solutions are not only cost-effective and adaptable for complex designs but also environmentally responsible, making zinc a key material for a cleaner and more sustainable tomorrow," he added.

The company's zinc and lead products are the first in the country to be verified by the Environmental Product Declaration (EPD), along with ISO and BIS (Bureau of Indian Standards) certifications for quality. Additionally, the company also has REACH certification for exporting its products to Europe.

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