FOCuS

International Copper Association India

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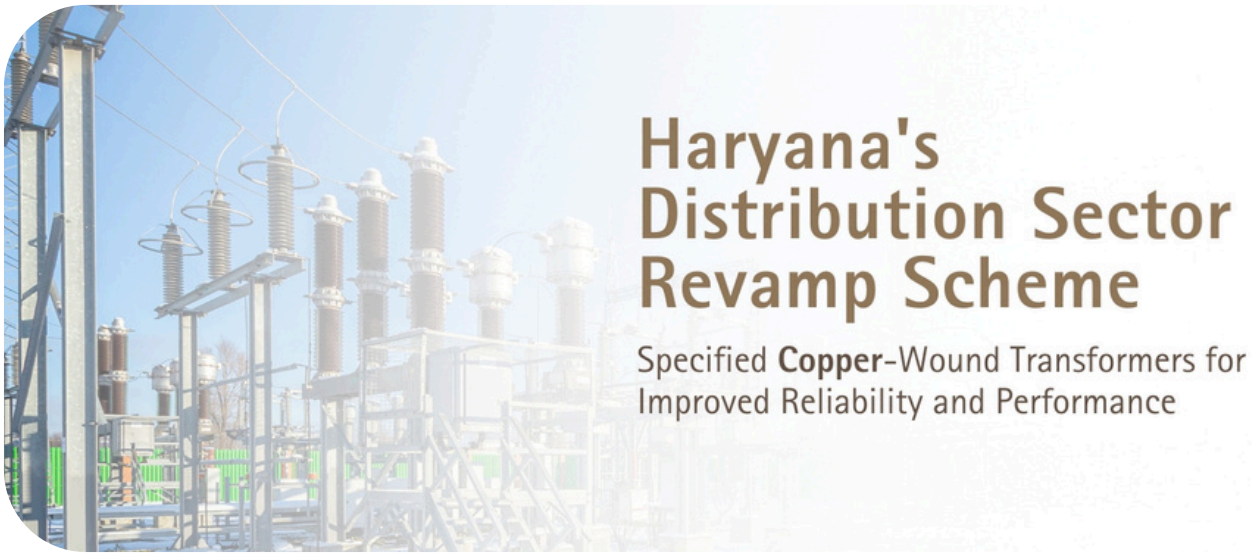
Cover Story

A Shift to Copper in Electrical Infrastructure for Better Safety and Reliability!

The **Provincial Metro Rail Authority of Bangalore** has specified **copper cables** for all upcoming metro projects.

- Considering the risk of over-heating and safety, the specification ensures that all upcoming metro projects incorporate copper cables for enhanced system safety and performance
- Organisations committee to reliable electrical infrastructure continue to support that transitions, emphasizing the need for durable and high-performance materials.



As part of a **Union Government-funded scheme for Haryana's Distribution Transformer System Improvement**, the utility updated its guidelines specifying copper-wound transformers (400 kVA & above) for improved reliability and performance.

- Comparative assessments highlighted performance differences between copper and existing transformers
- Discussions with stakeholders emphasized the importance of long-term efficiency and supply stability.
- The updated specifications now require copper-wound transformers, ensuring a more reliable and resilient power infrastructure.

Thought Leadership

Raising Motor Rewinding Standards to Cut Energy Waste & Emissions

By Mayur Karmarkar, MD, ICA India

ICA India, in collaboration with BEE & CII, has launched the Motor Rewinder Certification System—an initiative to standardize motor rewinding practices, enhance technician skills, and enforce quality materials. This move is set to improve energy efficiency and reduce emissions across India.

Read the Full OP-Ed

Rising Electrical Fires in Kolkata:

A Wake-Up Call for Safety!

Kolkata has recently witnessed multiple fire incidents, with electrical short circuits suspected as the cause. With 60% of fire accidents in India attributed to electrical faults, urgent action is needed.

- Use BIS-marked ETP-grade copper conductors for better fire resistance
- Ensure compliance with electrical safety codes & conduct regular inspections
- Raise awareness about the dangers of low-quality electrical components

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