

Moderate

Assistant Engineer (Electrical), Class 2025

Building Department

What is a key area of focus introduced in the National Electrical Code (NEC) of India, 2023?

A

Phasing out all incandescent lighting

B

Mandating specific brands of wires

C

Regulations for electrical vehicle charging infrastructure **Correct**

D

Prohibiting the use of aluminium wiring

Correct Answer: C

Full Detailed Explanation

Concept & Reasoning: Electrical codes evolve with new technologies and safety requirements. EV charging introduces sustained high-power loads, earthing, residual-current protection, supply arrangements, connector/equipment requirements and coordination with building electrical systems. The distractors propose blanket bans/brand mandates that are not the nature of a national technical code. How to Solve It in the Exam: New NEC focus on modern technologies such as EV charging. Important Exam Point: Codes specify technical/safety requirements, not commercial brands. Related Revision Path: This question sits in the revision path Electrical Laws, Standards and Energy Policy → Electrical Codes → National Electrical Code.

Open live question on website:

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