

Government of India
Ministry of Consumer Affairs, Food and Public Distribution
Department of Consumer Affairs

LOK SABHA
UNSTARRED QUESTION NO. 2581
TO BE ANSWERED ON 11.12.2024

STRENGTHENING OF SAFETY STANDARDS FOR ELECTRIC SCOOTERS

2581. MS. S JOTHIMANI:

Will the Minister of **CONSUMER AFFAIRS, FOOD AND PUBLIC DISTRIBUTION**
उपभोक्ता मामले, खाद्य और सार्वजनिक वितरण मंत्री be pleased to state:

- (a) whether the Government is aware of the increasing number of electric scooter fires owing to faulty batteries;
- (b) whether any steps have been taken to ensure that Lithium batteries used in electronic scooters have Bureau of India Standards (BIS) certification;
- (c) if so, the details thereof; and
- (d) the steps being taken by the Government to strengthen the safety standards of electric scooters and their machinery?

ANSWER

उपभोक्ता मामले, खाद्य और सार्वजनिक वितरण राज्य मंत्री
(श्री बी.एल. वर्मा)

THE MINISTER OF STATE
CONSUMER AFFAIRS, FOOD AND PUBLIC DISTRIBUTION
(SHRI B.L.VERMA)

(a) to (d) : Ministry of Road Transport & Highways had constituted a committee of experts for the formulation of safety standards for the battery and its components, BMS and related systems in electric vehicles. Based on the recommendation of the committee, Ministry of Road Transport & Highways vide S.O. 4567(E) dated 28th September, 2022 has brought amendment to the Automotive Industry Standards, AIS:156 [Specific requirements for L (a motor vehicle less than four wheels and quadricycle) category electric power train vehicles].

Bureau of Indian Standards (BIS) has formulated Indian Standards IS 17017 series which addresses Safety aspects of the EV Charging Infrastructure including connectors, communication protocols, electric vehicle supply equipment, etc. To address the safety requirement of scooters BIS have also formulated two standards viz. Indian Standards: IS No. 18590:2024 (Electric Power Train of L Category Vehicles Specific Requirements) & IS 18073:2023 (Electric Traction Motor Performance and Functional Requirements).
