

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 4285
TO BE ANSWERED ON 26.03.2025**

FIRE SAFETY NORMS IN RAILWAY COACHES

4285 SHRI ANTO ANTONY:

Will the Minister of RAILWAYS be pleased to state:

- (a) the current total number of railway coaches in operation and equipped with fire extinguishers;**
- (b) the timeline for ensuring 100 per cent compliance with fire safety norms across all railway coaches;**
- (c) the steps being taken by the Government to ensure compliance with fire safety regulations in railway coaches; and**
- (d) the measures taken by the Government to ensure regular inspection and maintenance of fire safety equipment in railway coaches?**

ANSWER

**MINISTER OF RAILWAYS, INFORMATION & BROADCASTING AND
ELECTRONICS & INFORMATION TECHNOLOGY**

(SHRI ASHWINI VAISHNAW)

- (a) to (d) The inherent design of rolling stock is done keeping in mind various safety provisions. Further modification and up-gradation of coaches to enhance fire safety is a continuous and**

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ongoing process on Indian Railways (IR). Following measures have been taken for safety including fire safety in coaches:

- 1. Provision of Minimum two Fire Extinguishers in all coaches over Indian Railways.**
- 2. Fire Detection & Suppression System has been provided in fire prone areas of Power cars and Pantry cars.**
- 3. Fire and smoke Detection system has been provided in coaches as per extant guidelines.**
- 4. Water mist type fire suppression system is being provided on pantry cars and power cars in phased manner.**
- 5. Provision of emergency windows in coaches for evacuation in case of fire.**
- 6. Use of Fire-retardant material as per global fire-retardant norms in coaches for seats/berths, panels, flooring, insulation, toilets etc for improved fire safety.**
- 7. Use of fire retardant E-beam cable in coaches.**
- 8. Use of different level of protection in the form of fuses, Miniature Circuit breaker (MCBs) and Motor protection Circuit Breakers (MPCBs) in the electrical circuits to prevent the damage from electrical faults/surges.**
- 9. Provision of Aerosol based fire suppression system in electrical cabinets.**

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- 10. Further, up-gradation of material in line with global standards is regularly being carried out with fitment of new generation material in Amrit Bharat & Vande Bharat Sleeper trains.**
- 11. Display of "Fire Notices" for widespread information in all coaches to inform and alert passengers regarding various "Do's" and "Don'ts" to prevent fire. These include messages regarding not to carry any inflammable material, explosives, prohibition of smoking inside the coaches and penalties etc.**
- 12. Prohibition of flame based cooking in coaches.**

Regular maintenance of various fire safety equipments/components as per the prescribed periodicity is carried out by the designated officials at Depots/Sheds for ensuring their proper upkeep.
