

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS

RAJYA SABHA
STARRED QUESTION NO. 227
ANSWERED ON 21.03.2025

**STEPS TAKEN TO IMPROVE INTERIOR FIXTURES AND FURNISHINGS OF
LHB COACHES**

*227 SHRI M. MOHAMED ABDULLA:

Will the Minister of RAILWAYS be pleased to state:

- (a) whether any steps have been taken to improve the interior fixtures and furnishings of Linke-Hofmann-Busch (LHB) coaches made five years ago, and if so, the details thereof;
- (b) whether Government has taken any steps to develop technology that reduces jerks during acceleration and deceleration in LHB rakes; and
- (c) if so, the details thereof and if not, the reasons therefor?

ANSWER

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

(SHRI ASHWINI VAISHNAW)

(a) to (c): A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) OF STARRED QUESTION NO. 227 BY SHRI M. MOHAMED ABDULLA ANSWERED IN RAJYA SABHA ON 21.03.2025 REGARDING STEPS TAKEN TO IMPROVE INTERIOR FIXTURES AND FURNISHINGS OF LHB COACHES

(a) to (c): Improvement/up-gradation of Rolling Stock to enhance safety and comfort of passengers is a continuous and ongoing process on Indian Railways.

Indian Railways has proliferated technologically superior LHB coaches with design speed of 180 Kmph and operating speed of 160 Kmph, as compared to the conventional ICF coaches of the 1960s. These LHB coaches have the following features:

- i. Better riding quality.
- ii. Lightweight design.
- iii. Anti-telescopic & Anti-climbing features.
- iv. Centre Buffer Coupler.
- v. Axle mounted disc brake system.
- vi. Less corrosive shell.
- vii. FRP modular toilet with Electro Pneumatic pressurized flushing system.
- viii. Aerosol based fire suppression system in electrical cubicles.

Production of LHB coaches during 2014-25 vis a vis 2004-14 is as under:

Period	LHB coaches manufactured
2004-14	2,337
2014-25	42,063(nearly 18 times)

New generation of couplers have been developed by Indian Railways. These new generation couplers are now fitted in Vande Bharat, Amrit Bharat and Namo Bharat Trains. All these trains are using new design of coaches.

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The Amrit Bharat trains have following additional features for enhanced safety and amenities:

- i. Better aesthetics of Berths with enhanced look & feel on the lines of Vande Bharat Sleeper.
- ii. Improved Crashworthiness in coaches.
- iii. Improved design of Toilets.
- iv. Provision of Electro Pneumatic Assist brake system.
- v. Emergency Talk Back Unit.
- vi. Improved LED Light fitting & Charging Sockets.
- vii. Improved design of Ladder for ease of climbing on to the berth.
- viii. USB Type-A and Type-C mobile charging sockets.
- ix. Provision of CCTV system.
