

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS

RAJYA SABHA
UNSTARRED QUESTION NO. 446
ANSWERED ON 09.12.2022

ACCIDENT OF VANDE BHARAT TRAINS

446 SHRI RAJEEV SHUKLA:

Will the Minister of RAILWAYS be pleased to state:

- (a) whether Vande Bharat Trains have been facing several accidents and damage since its launch;
- (b) if so, the details thereof;
- (c) how many times Vande Bharat Trains have met with accidents and whether Government has done any study to understand the reasons and impacts;
- (d) whether the exterior and interior of Vande Bharat Trains, including engines have cleared safety audit before they were put on the tracks; and
- (e) if so, the details thereof and if not, the reasons therefor?

ANSWER

MINISTER OF RAILWAYS, COMMUNICATIONS AND
ELECTRONICS & INFORMATION TECHNOLOGY

(SHRI ASHWINI VAISHNAW)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF UNSTARRED QUESTION NO. 446 BY SHRI RAJEEV SHUKLA ANSWERED IN RAJYA SABHA ON 09.12.2022 REGARDING ACCIDENT OF VANDE BHARAT TRAINS

(a) to (c): No consequential train accident involving Vande Bharat Trains has occurred since their launch. However, there have been incidents of cattle run-over resulting in damages to Nose Cone of leading Driving Trailer Car (DTC). The nose cone of Vande Bharat Trains has been designed as a replaceable component to absorb energy resulting from inadvertent cattle run over cases without affecting safety of the trains.

(d) & (e): Yes, Sir. Vande Bharat trains have been introduced after detailed trials, performance and safety testing of the train and its sub-systems. The following tests were conducted by RDSO/Lucknow:

- Oscillation trials @ 115 kmph on mainline tracks and at 180 kmph on Rajdhani Tracks.
- Emergency Braking Distance Trials at 160 kmph and performance testing of Brake Systems.
- EMI/EMC, RFI and Pacemaker Tests.
- Noise and vibration tests.
- Tests on Propulsion and Train Control Systems.
- Fire and smoke detection tests clearance by Electrical Inspector General to Govt. of India.
- Detailed Safety Inspection and Running Trial run at 180 kmph by CCRS/Ministry of Civil Aviation.
