

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

STARRED QUESTION NO:328

ANSWERED ON:25.08.2011

R D IN WAGONS

Jardosh Smt. Darshana Vikram;Pathak Shri Harin

Will the Minister of RAILWAYS be pleased to state:

(a) whether the Research Design and Standards Organization (RDSO) and other departmental agencies/institutions have undertaken R&D works for improving the design, standardization and increasing capacity/efficiency/efficacy of wagons;

(b) if so, the details thereof alongwith the expenditure incurred thereon during the last two years;

(c) whether the Railways have received proposals from various State Governments with regard to redesigning of wagons in order to increase their carrying capacity; and

(d) if so, the details thereof and the follow-up action taken by the Railways thereon?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF RAILWAYS (SHRI DINESH TRIVEDI)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO.328 BY SHRIMATI DARSHANA JARDOSH AND SHRI HARIN PATHAK TO BE ANSWERED IN LOK SABHA ON 25.08.2011 REGARDING R&D IN WAGONS

(a) Yes, Madam. R&D works for improvement in design of wagons for increasing load carrying capacity, enhancing speed potential etc. are undertaken regularly by Research Design and Standards Organization (RDSO) and such efforts have yielded several more efficient wagon designs for transportation of commodities like Food grains, Coal, Steel coils, Automobiles, LPG, etc.

(b) Details are enclosed as Appendix.

(c) Yes, Madam.

(d) A reference was received from Hon'ble Chief Minister of Gujarat in the month of February, 2010 which was followed up by a reference from the Principal Secretary to Government of Gujarat in April, 2011 suggesting Railways to develop lighter wagons with higher carrying capacity for salt and other commodities. Railways constantly endeavour to improve carrying capacity of wagons by reducing the tare weight. During recent years, new BCNHL type covered wagon has been introduced by Railways which has a reduced tare weight of 20.80 tonnes against 27.20 tonnes for the earlier BCN design, thereby increasing permissible carrying capacity for different commodities by 5 to 7 tonnes. Such design and development efforts are being made on a continuing basis to improve the loadability of wagons.