

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

UNSTARRED QUESTION NO:6731

ANSWERED ON:06.05.2010

TENTH FIVE YEAR PLAN

Adsul Shri Anandrao Vithoba; Dharmshi Shri Babar Gajanan; Yadav Shri Dharmendra

Will the Minister of RAILWAYS be pleased to state:

(a) the policy framed by the Indian Railways for modernization of rolling stock, tracks, signalling system during the Tenth Five Year Plan; and

(b) the actual success achieved since the mid-term appraisal of Tenth Plan period?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF RAILWAYS (SHRI K. H. MUNIYAPPA)

(a) In the Tenth Five Year Plan, emphasis was on induction of high horse power and three phase technology locomotives, higher axle load wagons with better pay load to tare ratio, improvement of track structure and mechanization of maintenance & renewal of tracks, provision of train collision avoidance/train protection system, electrical/ electronic interlocking, track circuiting, automatic signalling and interlocking of level crossing gates.

(b) Since the mid-term appraisal of Tenth Plan from 2005-06 onwards till 2009-10, there has been increased production and induction of 234 electric and 310 diesel locos of higher horse power with three phase technology. Open and covered stainless steel wagons with higher axle load and better pay load to tare ratio have been designed and are currently running in Indian Railways system. Modern track structure with heavier rails, Pre Reinforced Concrete (PRC) sleepers and modern elastic fastenings are being adopted and mechanized maintenance and renewals of tracks are progressively increasing. In the field of Signalling, Train Collision Avoidance/ Train Protection System on 1786 route kilometers, Electrical /Electronic Interlocking on 1978 stations, Block Proving by Axle Counter in 1926 block sections, Continuous Track Circuiting/ Automatic Signalling on 740 route kilometers and interlocking on 2045 level crossing gates have been provided.