Sub: Operation of 25T Axle Load Trains.

RDSO has carried out the detailed Rail Stress Calculations for operation of 25T Axle Load Trains and submitted to Railway Board. The Rail Stress Calculations carried out by RDSO show that stresses in 60 kg 90UTS rail under 25T Axle Load operation exceed the permissible limit even at restricted speeds of 50 kmph and that minimum 60kg or higher section with 110UTS rail is required for operation of 25T Axle Load Trains.

The matter has been considered by Board(ME) and Board has approved that operation of 25T Axle Load should not be proliferated further until the nominated routes are renewed with minimum 60kg 110UTS rails. The current operation of 25T Axle Load Wagons should also be restricted to 22.9T Axle Load in the interim.

At present, 60kg 110UTS rails have not been provided on any route of Indian Railways. In view of above, loading in 25T Axle Load Wagons should be immediately restricted to 22.9T Axle Load.

Immediate action may please be taken accordingly.

(Pankaj Tyagi)
Director Civil Engg. (Planning)
Railway Board

Copy to: AM/T & AM/C for information please.