(14)

भारत सरकार Government of India
रेल मंत्रालय Ministry of Railways
(रेलवे बोर्ड) (Railway Board)

2018/CEDO/SR/PC-6/0 New Delhi, Dated 08.02.2019

Director General,
RDSO, Manak Bhawan,
Lucknow.

The General Managers,
All Zonal Railways.

विषय: Track Maintenance Standards for Different Train Speed Bands

1. Policy Circular No. 6 as well as a number of sanction letters for introduction of different type of locomotives/rolling stocks/running of trains over Indian Railways has been issued by Railway Board; wherein Track Maintenance Standards conforming to RDSO Report No. C&M I, Vol I for running at more than 105 kmph have been stipulated.

2. RDSO C&M I, Vol I Report, 1969 was based on instrumented trials on WDM4 locomotive and ICF all-coil coach on the then existing running tracks of Delhi –Howrah route, with chord length of 3.5 / 7.5 m for measurement of Track geometry. Track structure, track monitoring system and track maintenance system have undergone substantial changes, a large number of different types of locomotives / coaching / freight stocks have been introduced with four-wheeler stock no more in service over Indian Railways since then, thereby necessitating re-fixing of revised chord lengths for measurement of Track geometry. Track Maintenance Standards stipulated in RDSO C&M I, Vol I Report with chord length of 3.5 / 7.5 m are as such no more relevant. Revised chord lengths of 9.0 / 15.0 / 18.0 m for measurement of Track geometry were approved by Railway Board vide letter No. 2007/Track-III/TK/7, dated 11.04.2014.

3. RDSO was directed to carry out similar instrumented trials as were done for C&M I Vol I Report within six months vide Railway Board letter No. 2018/CE-II/TK/HS/GQ-160, dated 15.10.2018. The report is awaited.

4. The Committee consisting of ED Standards/Track/RDSO, ED/TMM/RDSO and EDCE/P/RB constituted by Railway Board vide letter No. 2016/CE-II/TSC/1, dated 06.12.2017, to lay down track laying and maintenance tolerances on revised chord lengths, has analysed data of Track Recording Car runs of 25 sections having 6201 km track length in speed band up to 100 km/hr, 36 sections having 7462 km track length in speed band of more than 100 up to 110 km/hr, 31 sections having 6335 km track length in speed band of more than 110 up to 130 km/hr and 2 sections having 388 km track length in speed band of more than 130 up to 160 km/hr km, wherein trains are already running

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for a long period of time at the speeds up to 160 kmph with riding index within permissible limits. The Committee has proposed Track Maintenance Standards for different speed bands on the basis of statistical analysis of the data.

5. The Committee's Report was deliberated in 87th Track Standards Committee. Board (ME) after consideration of the recommendations of Track Standards Committee has approved the revised Track Maintenance Standards for different speed bands. The same have also been incorporated in IRPWM as ACS No. 149 to IRPWM. These Track Maintenance Standards shall be reviewed on receipt of report from RDSO as mentioned in para 3 above.

6. RDSO is advised to complete the exercise as mentioned in para 3 above at the earliest.

7. The Policy Circular No. 6 and various sanction letters issued by Railway Board for introduction of different type of locomotives/rolling stocks/running of trains over Indian Railways as mentioned in para 1 above, shall stand modified to this extent.

8. This is issued with the approval of Board (ME).

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o/c (प्रेम सागर गुप्ता)
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Copy for information & necessary action to:

1. Chief Commissioner of Railway Safety, DRM Office Campus, 16 Ashok Marg, Lucknow.
2. Commissioners of Railway Safety, All Circles.
3. EDCE/P/Railway Board, ED Standards (Track) RDSO.
4. CMD KRCL, MD DFCCIL
5. Director, IRICEN
6. Concerned PSO for kind information of CRB, MTR, MRS, MT, ME please.