भारत सरकार GOVERNMENT OF INDIA
रेल मंत्रालय MINISTRY OF RAILWAYS
(रेलवे बोर्ड RAILWAY BOARD)

150 गौरवपूर्ण वर्ष

रेल भवन, नई दिल्ली-110001, दिनांक
Rail Bhavan, New Delhi-110 001, dated

No.2004/M(Safety)/Deptl. Stock

May 20, 2004

The General Managers(OL)
(All Indian Railways)

Sub.: **Periodic Examination & Safety Certification of Departmental Rolling Stock.**
Ref.: **Railway Board's letter No.2002/Safety-I/23/4 dt.8.10.2003.**

There have been many accidents involving departmental rolling stock in the recent past viz., 11 railwaymen suffered injuries due to breakage of the sole bar of a tower wagon operating in a block section over E.Rly during April 2002. **Inquiry revealed that this Tower wagon had not been offered for mandatory TXR examination by the Supervisor in charge.** In another railway accident over Danapur Division of ER, 11 number of BCX wagons of a DMT rolled back and collided with 132 down passenger train at Jamui Station on 16.8. 2001. CRS has commented adversely in the enquiry report and has observed –**"the driver and the guard were not in possession of valid brake power certificate. Intensive/normal examination of this DMT had not been carried out for almost last 6 month period".**

2. The periodic examination/inspection and safety certification of the wheels, undergear and structure of the departmental rolling stock (including self propelled vehicle) for example, tower wagon, material wagon/Ballast train/PQRS train, camping coaches, self-propelled ARTs, ARMEs and OHE wiring trains is mandatory in terms of IRCA Part III rule No. 3.2.1, IRCA(Part-IV) Rule No.2.1 and para 20317 of AC Traction Manual Vol.II , Part-I to ensure safety of train operation. These mandatory provisions are the basis for granting permission to start trains (including self propelled vehicles) by the Station Master and the Guard under GR 4.35 & 4.62. However, it is noted from the above-mentioned incidents/accidents that these mandatory provisions are not being complied with by the concerned supervisor in charge/custodian (of other departments than Mechanical) responsible for their safe operation.

3. In view of above, Board (MM, ME, ML, MT & CRB) have decided that the zonal railways shall ensure that the enclosed procedure is strictly followed for periodic examination and safety certification of the departmental rolling stock (including self-propelled vehicles).

Please acknowledge and confirm compliance.

(ARUN ARORA)
Director, Mech. Engg. (Frt.)

Copy to : 1. CMEs(OL) & CSOs [All Indian Railways)–for information & necessary action pl.
2. CCRS – for kind information.
3. Adviser(Safety) – for kind information.

7/Correspo2004

No.2004/M(Safety)/Deptl. Stock

ANNEXURE

Sub.: **Periodic Examination & Safety Certification of Departmental Rolling Stock.**

i. Examination and certification of the safety of wheels, under gear and structure of Brake Down crane is the responsibility of the Mechanical Supervisor (Loco Foremen/Diesel Foremen/CWS), who is the custodian of the Crane. The Safety certification shall be carried out at a periodicity of 30days. Similarly, self-propelled ART/ARMEs are also to be examined and certified for the safety of structure and under gear at a periodicity of 30 days by the nominated Mechanical Supervisor (TXR/Diesel Foremen/Loco Foremen).

ii. All the departmental coaching stock like camping coaches, mobile training cars, OHE wiring trains etc. shall be allotted a TXR depot for primary maintenance nominated by Chief Mechanical Engineer (or by nominated Mechanical officer). The allotted depot shall be painted on the stock end wall. Wheels, under gear and structure of the stock shall be examined for safety and certified by the Mechanical Supervisor at the nominated TXR depot. This certificate shall be valid for a maximum period of 30 days from the date of issue.

iii. Rolling Stock, which cannot be dispatched to the nominated depot for primary maintenance shall be offered to the TXR at the nearest Train Examination point for inspection and certification of wheels, under gear and structural safety. This certification shall be valid for 30 days from the date of issue.

iv. All departmental wagons in material trains/ballast trains/PQRS trains etc. shall be examined in terms of IRCA Part-III 3.2.1. A detailed joint circular shall be issued by a Committee consisting of CME, CE & COM of the zonal railway or their nominated officers, which interalia should include detailed guidelines for examination by TXR for running of departmental trains/PQRS rake. In this context, Board's letter No. 2001/M(Safety)/7/2/E/1 dt.16/17.4.2002 may also be connected.

v. Tower wagons shall be inspected for safety in terms of Para 20317(2) of AC Traction manual by the Mechanical Supervisor (TXR) of the nominated TXR depot nearest to the TRD depot where the Tower wagon is based. The base depot of the Tower wagon shall be painted on its end wall. For this purpose, TXR depot shall be nominated by Sr. DME/DME of the division in consultation with concerned Sr. DEE/TRDs. The certification shall be valid for a maximum period of 30 days/4500 kms, whichever is earlier. Thereafter, the tower wagon shall be offered to the nominated TXR for examination and safety certification again. In case, the tower wagon is operating in a division away from the nominated depot, the same shall be offered to the nearest Train examining point for TXR examination as soon as the validity of the certificate expires.

vi. Track machines shall also be subjected to wheel, under gear and structural safety examination and certification by the Mechanical Supervisor at periodic intervals. **The periodicity of such safety certification is being worked out in consultation with RDSO and detailed instructions in this regard shall follow.**

vii. Notwithstanding the above periodic inspection by the nominated TXR/ Mechanical Supervisor, the Supervisor in charge/custodian of the rolling stock in question shall carry out inspection of the rolling stock before starting the operation. In case he notices/suspects any abnormality in the rolling stock regarding structural and under gear safety, he shall immediately arrange to offer the rolling stock for TXR examination afresh.

viii. The Station Master shall not give permission to start the departmental train/ any departmental rolling stock unless the supervisor in charge produces the valid safety certificate issued by the nominated Mechanical Supervisor in terms of GR 4.31 and GR 4.35.

20/5/04

(ARUN ARORA)
Director, Mech. Engg. (Frt.)
Ministry of Railways(Railway Board)