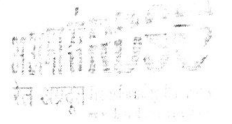




भारत सरकार - रेल मंत्रालय
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mail : dse4cs@gmail.com

Government of India - Ministry of Railways
Research, Designs & Standards Organization,
LUCKNOW - 226011



No. EL/3.1.35/2 (Bogie-3Ph)

Dated: 08.07.2019

Chief Electrical Engineer,

मुख्य विद्युत अभियंता,

1. Central Railway, Mumbai, CST-400 001.
2. East Central Railway, Hazipur-844 101.
3. East Coast Railway, Chandrashekharpur, Bhubaneswar-751 016.
4. Eastern Railway, Fairlie Place, Calcutta-700 001.
5. North Central Railway, Block-A, Subedarganj, Allahabad- 211 033.
6. Northern Railway, Baroda House, New Delhi- 110 001.
7. North Western Railway, Jaipur- 302 006
8. North Eastern Railway, Gorakhpur-273001
9. North East Frontier Railway, Maligaon, Guwahati-781011
10. South Central Railway, Secunderabad-500 071.
11. South East Central Railway, Bilaspur-495 004.
12. South Eastern Railway, Garden Reach, Kolkata-700 043.
13. Southern Railway, Park Town, Chennai-600 003.
14. South Western Railway, Hubli- 580020
15. West Central Railway, Jabalpur-482 001.
16. Western Railway, Churchgate, Mumbai-400 020
17. Chittaranjan Locomotive Works, Chittaranjan- 713 331
18. Diesel Locomotive Works, Varanasi-221 004

1. मध्य रेलवे, मुम्बई सीएसटी -400 001
2. पूर्व मध्य रेलवे, हाजीपुर-844 101
3. पूर्व तटीय रेलवे, चन्द्रशेखरपुर, भुवनेश्वर-751 023
4. पूर्व रेलवे, फेयर्ली प्लेस, कोलकाता-700 001
5. उत्तर मध्य रेलवे, ब्लाक ए-2, सुबेदारगंज इलाहाबाद - 211 033
6. उत्तर रेलवे, बडौदा हाऊस, नई दिल्ली-110 001
7. उत्तर पश्चिम रेलवे जयपुर- 302006
8. उत्तर पूर्व रेलवे गोरखपुर- 273001
9. उत्तर पूर्व फ्रन्टीयर रेलवे मालीगाँव गुवाहाटी-781011
10. दक्षिण मध्य रेलवे, रेल निलायम, सिकंदराबाद-500 371
11. दक्षिण पूर्व मध्य रेलवे, बिलासपुर -- 495 004
12. दक्षिण पूर्व रेलवे, गार्डेनरीच, कोलकाता-700 043
13. दक्षिण रेलवे, पार्क टाउन, चेन्नई-600 003
14. दक्षिण पश्चिम रेलवे हुबली-580020
15. पश्चिम मध्य रेलवे, जबलपुर-482 001
16. पश्चिम रेलवे, चर्चगेट, मुम्बई- 400 020
17. चित्तरंजन रेल इंजन कारखाना, चित्तरंजन - 713331
18. डीजल रेल इंजन कारखाना, वाराणसी-221004

Sub: Instructions for improving the reliability of motor supports of bogies of WAP7/WAG9/WAG9H Locomotives.

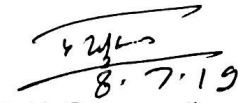
- Ref:** (i) Letter no. EL/3.1.35/2 (Bogie-3-Ph) dated 21.03.2017
(ii) Special Maintenance Instruction no. RDSO/2011/EL/SMI/0269, Rev. '1' dated 16.03.2016.
(iii) Modification Sheet no. RDSO/2015/EL/MS/0443 Rev. '0' dated 17.09.2015.
(iv) Letter no. EL/3.1.35/2 (brake lever) dated 11/16.02.2016

1. ELS/GZB had reported falling of traction motor on line due to breakage of motor support from pivot transom of TM-3 in loco no. 30382/WAP7/GZB while working train no. 22824 in DDU-DOS (MGS yard Dn line) section of ECR on 04.07.2019.

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2. In view of the above incidence, all the Zonal Railway are advised to carry out following actions on priority :

- (i) To carry out one cycle of MPT and DPT of motor supports of the unmodified bogies as prescribed in Special Maintenance Instruction no. RDSO/2011/EL/SMI/0269, Rev. '1' dated 16.03.2016.
- (ii) To provide safety sling of design prescribed in Special Maintenance Instruction no. RDSO/2011/EL/SMI/0269, Rev. '1' dated 16.03.2016.
- (iii) To replace the unmodified motor supports (having fillet radius of 8R or less on upper face) as per CLW drawing no. 1209-01-112-009 alt '1' by modified motor support having fillet radius 15R as per CLW drawing no. 1209.01-412-186 & 187 in all bogies (CLW & trade) on priority as already advised vide letter no. EL/3.1.35/2 (Bogie-3Ph) dated 21.03.2017.
- (iv) The condition of the spheriblocs of TM support torque arms should be checked during all the maintenance schedules. The spheriblocs with cracked/damaged rubber components should be replaced as advised vide letter no. letter no. EL/3.1.35/2 (brake lever) dated 11/16.02.2016
- (v) Replacement of spheriblocs must be ensured as per periodicity of replacement advised vide letter no. EL/3.1.25/16 dated 28.03.2017.
- (vi) To follow all other prescribed instructions related to improving reliability of motor supports.


(P. K. Saraswat)
for Director General/Electrical

Copy to:

Secretary (Traction), Railway Board, Rail Bhawan, New Delhi-110001
(Kind Attn: Shri A.K. Goswami, DEE (RS) /Railway Board): for kind information please.