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MC/CTRB/Defects

Date: 29.12.2017

प्रमुख मुख्य यांत्रिक अभियन्ता,

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| 1. मध्य रेलवे, छत्रपति शिवाजी टर्मिनस, मुम्बई- 400 001. | 12. उत्तर मध्य रेलवे, हार्लिंग रोड, इलाहाबाद-211 001. |
| 2. पूर्व रेलवे, फेयरली प्लेस, कोलकाता- 700 001. | 13. उत्तर पश्चिम रेलवे, जयपुर- 302 006. |
| 3. उत्तर रेलवे, बड़ौदा हाउस, नई दिल्ली- 110 001. | 14. दक्षिण पश्चिम रेलवे, हुबली- 580 023. |
| 4. दक्षिण रेलवे, पार्कटाउन, चेन्नई- 600 003. | 15. पश्चिम मध्य रेलवे, जबलपुर- 482 001. |
| 5. दक्षिण मध्य रेलवे, रेल निलायम, सिकन्दराबाद-500 071. | 16. दक्षिण पूर्व मध्य रेलवे, आरई आफिस काम्प्लेक्स, बिलासपुर- 495 004. |
| 6. दक्षिण पूर्व रेलवे, गार्डेनरीच, कोलकाता- 700 043. | 17. आधुनिक रेल डिबा कारखाना, लालगंज रायबरेली-229 206 |
| 7. पूर्वोत्तर रेलवे, गोरखपुर- 273 012. | 18. इन्टीगरल कोच फैक्ट्री, चेन्नई- 600 038. |
| 8. पूर्वोत्तर सीमान्त रेलवे, मालीगाँव, गुवाहाटी- 781 011. | 19. रेल कोच फैक्ट्री, हुसैनपुर, कपूरथला- 144 602. |
| 9. पश्चिम रेलवे, चर्चगेट, मुम्बई- 400 020. | 20. कॉकण रेलवे कार्पोरेशन लि., कार्पोरेट आफिस, बेलापुर भवन, नवी मुम्बई- 400 614. |
| 10. पूर्व मध्य रेलवे, हाजीपुर- 844 101. | |

Sub: Pressing & Seating force during mounting of Timken Make CTRBs.

Ref: (i). M/s Timken letter No. Nil dated 20.11.2017.

(ii). This office letters of even No. dated 09.08.2017 & 12.10.2017.

The pressing force as 17T-29T and seating force as 25T-44T for Timken make CTRBs (H127746H-90010) has been specified in firm's CTRB installation & removal manual for mounting of CTRBs on LHB wheelsets.

The range of pressing and seating forces are broad and this broad range of forces for mounting of bearings on LHB wheelsets is not being practically good in Railway workshops/PUs.

The matter has been examined in RDSO and advised to M/s Timken to review and accordingly modify the pressing force and seating force range for CTRBs positively in the range not more than 05 tons vide this office letters under reference (ii) above.

M/s Timken vide letter under reference (i) above informed that these broad range of forces are required for proper mounting of bearings on LHB wheelsets. Further, considering the safety as well as the proper seating of bearings, firm has recommended the pressing force as 17T-29T and seating force as 37T-42T for Timken make CTRBs (H127746H-90010).

In view of the above, it is advised to follow the pressure range as mentioned above for mounting of Timken make CTRBs on LHB wheelsets.

DA: Nil.

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29-12-17

(Indrajit Singh)

Exe. Director (Stds.)/Carriage

Copy to:

1. EDME (Chg.) Railway Board, Rail Bhawan, New Delhi-110001 - for kind information please.
2. ED/CAMTECH, Maharajpur, Gwalior (M.P.) - 474 020 - for kind information please.