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No.SV.FIAT Springs

Dated: - 12.02.2019

Principal Chief Mechanical Engineer,

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2. Western Railway, Churchgate, Mumbai-400020
3. Central Railway, CSTM, Mumbai - 400 001
4. Eastern Railway, Fairly Place, Kolkata- 700 001
5. Southern Railway, Park Town, Chennai - 600 003
6. North Frontier Railway, Maligaon, Guwahati- 781 001
7. North Eastern Railway, Gorakhpur-273 001
8. South Eastern Railway, Garden Reach, Kolkata-700 043
9. South Central Railway, Secunderabad-500 071
10. West Central Railway, Jabalpur-482 001
11. South East Central Railway, Bilaspur-495 004
12. South Western Railway, Hubli-580023
13. East Coast Railway, Railway Complex, Bhubaneswar-751 023
14. East Central Railway, Hajipur-844 101
15. North Western Railway, Jaipur-302 006
16. North Central Railway, Allahabad-211 001
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18. ICF, Chennai,
19. MCF, Lalganj, Raibareilly
20. RCF, Kapurthala, Punjab

Sub: -Handling of coil springs.

A joint study has been conducted by RITES and IIT- Delhi for analyzing failures of coil springs in LHB Coaches. Following observations have been brought out in the recommendations submitted by IIT- Delhi: –

“Improper handling of spring leads to removal and damage of the outer coating layer thereby exposing the material surface to the environment for early corrosion. This was observed during the visit to Gwalior plant. Usage of scrubbing/wire brush was found in one of the depots. This practice should strictly be prohibited to ensure longevity of surface coating”.

In view of above, it is requested that scrubber/wire brush should not be used for cleaning of coil springs as it damages the outer coating layer of spring. Moreover,

instructions for maintenance of coil springs for LHB coaches have already been issued vide CMI No. RDSO/2017/CG/CMI/01 dated January 2017. Para 2 of the CMI pertains to handling of Coil Springs. Handling of coil springs must be ensured in terms of the CMI.

DA: Nil.



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