



भारत सरकार - रेल मंत्रालय  
अनुसंधान अभिकल्प और मानक संगठन  
लखनऊ - 226 011  
EPBX (0522) 2451200  
Fax (0522) 2458500

Government of India-Ministry of Railways  
Research Designs & Standards Organisation  
Lucknow - 226 011  
DID (0522) 2450115  
DID (0522) 2465310



No: SV. Bogie crack

Dated:- 28.04.2017

CMEs,  
All Indian Railways


Sub: - Heat treatment of bogie frame of ICF design coaches..

Ref:- This office letter of even number dated 27-02-2017.

A number of bogie frame crack cases have been reported in the recent past. While investigating into the issue, it was found that the stress relieving process mandated in the RDSO specification No. C-9202 for ICF bogie frames is not being ensured during the manufacturing of the bogie. It has also been found that the quality of welding is not upto the mark. The specification prescribes in detail all the weld joints that are required to be examined through Radiographic examinations and the locations where Dye Penetrant Test (DPT) is required to be performed. Despite such elaborate inspection procedures given in the specification, the weld defects are being reported. It is felt that the process of inspection is not being properly ensured which is leading to such defects occurring into the final product. The inspection process, therefore, needs to be strengthened.

It is reiterated that the process of heat treatment and proper inspection of the weld joints may be ensured so as to ensure proper quality of the final product.

DA: NIL.

  
28-04-17  
(Indrajit Singh)  
Executive Director/Carriage

Copy to:

✓ EDME/Coaching,  
Railway Board,  
New Delhi } For kind information.

**Chief Mechanical Engineer,**

- 1 Northern Railway, Baroda House, New Delhi-110 001
  - 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 East Frontier Railway, Maligaon, Guwahati- 781 011
  - 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, Hazipur-844 101
  - 15 North Western Railway, Jaipur-302 006
  - 16 North Central Railway, Allahabad-211 001
  17. Konkan Railway Corporation Ltd., Corporate office, Belapur Bhawan, Navi Mumbai – 400 614
  18. Integral Coach Factory, Chennai- 600 030.
  19. Rail Coach Factory, Jhansi, Kapurthala, Punjab-144 602.
  20. Modern Coach Factory, Raebareilly- 229 120.
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