RAIL COACH FACTORY, KAPURTHALA

(Coach Alteration Instruction) CAI/RCF/MECH/LHB/089

MD46161 Date: 20/01/2024 SN **Description Details** REPLACEMENT OF EMERGENCY WINDOW IN LSCN, LGS 1. Description AND LSLRD COACHES LSCN, LGS AND LDSLR COACHES 2. Coach type affected Provision of bar shutter and locking pin arrgt. in EOW for safety of 3. Reason for Modification passengers as per the instructions of Railway Board. 4. **Drawing No.** SrNo **Existing** New Drg. OPC **Description** Drg. No. No. 1. LS54125 MI008130 04 Emergency Window for LSCN & LDSLR coach Emergency 2. LJ54125 MI008176 04 Window for LGS coach **Modification GS COACHES** 5. 1. Removal of window cowl (inner side panel) of existing Emergency Window. 2. Removal of existing Emergency Window and dismantling it from the coach. 3. Welding of additional back pieces in sidewall as per drawing no. LG14303 alt 'g' item no.16 & 17 & LG14304 alt 'c' item no.18 & 19 for fixing of window. 4. Cleaning of pasting surface by grinding and proper surface preparation for pasting of new emergency window. 5. Pasting of new emergency window as per drawing no. MI008176 with the help of Sikaflex as indicated in drawing. 6. Screwing of window on the backpieces with the hardware provided in MI008176. 7. Placement of new window cowl MI008179 for transverse side & MI008180 for longi side and drilling of 7mm hole in the window cowl for locking pin at location shown in drawing MI008130. 8. Installation of emergency locking pin arrangement and emergency notice to drawing no. MI008175 and CC64377 respectively over the window cowl at the location shown in drawing MI008130 with the hardware provided. **SCN & LDSLR COACHES** 1. Removal of window cowl (inner side panel) of existing Emergency Window. 2. Removal of pasting of existing Emergency Window and dismantling it from the coach. 3. Cleaning of pasting surface by grinding and proper surface

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		preparation for pasting of new emergency window. 4. Pasting of new emergency window as per drawing no. MI008130 with the help of Sikaflex as indicated in drawing. 5. Screwing of window on the backpieces with the hardware provided in MI008130. 6. Existing window cowl will be used in LSCN and LDSLR coaches after drilling of 7mm hole in the window cowl for locking pin at location shown in drawing MI008176. 7. Installation of emergency locking pin arrangement and emergency notice to drawing no. MI008175 and CC64377 respectively over the window cowl at the location shown in drawing MI008176 with the hardware provided.
6.	Implementation Stage	Immediate effect.
7.	Category of CAI	✓ A B Tick A or B as applicable.

A. Modifications shall be implemented immediately by user Railways.

B. Modifications shall be implemented by user Railways as & when convenient.

For General Manager (Mech)

Encls: (06 drgs as listed below)

- 1. MI008130
- 2. MI008176
- 3. MI008175
- 4. CC64377
- 5. MI008179
- 6. MI008180

All Principal Chief Mechanical Engineers:

- 1. Central Railway, Mumbai CST-400 001
- 2. W. Railway Churchgate, Mumbai 400 020
- 3. Northern Railway, Baroda House, New Delhi- 110 001
- 4. N.E. Railway Gorakhpur. Gorakhpur-273 001
- 5. N.F. Railway Maligaon, Guwahati- 781 011
- 6. S. Railway, Park Town, Chennai- 600 003
- 7. S. C. Railway, Rail Nilayam, Secunderabad- 500 371i
- 8. S. E. Railway, Garden Reach, Kolkata-700 043
- 9. Eastern Railway, Fairlie Place, Kolkata-700 001
- 10. E. Coast. Railway, Bhubaneswar- 751 016
- 11. North Central Railway, Allahabad 211 001

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- 12. Northwest Railway, Jaipur 302 001
- 13. S. E. Central Railway, Bilaspur- 495 004
- 14. S. W. Railway, Hubli 580 023
- 15. West Central Railway, Jabalpur- 482 001
- 16. East Central Railway, Hazipur- 844 101

All Chief Works Engineers:

- 1. Central Railway, Matunga, Mumbai- 400 019
- 2. Bhopal, West Central Railway Nishatpura, MP-462 001
- 3. Lilluah, Eastem Railway, Howrah- 711 204
- 4. Alambagh, Northern Railway, Lucknow- 226 005
- 5. Jagadhari, Northern Railway, 135 003
- 6. Gorakhpur N. E. Railway- 273 001
- 7. New Bongaigaon N. East Frontier Railway- 83 381 8, Perambur, Southern Railway, Chennai- 600 023
- 8. Golden Rock, Southern Railway, Trichy- 620 004
- 9. Ashokpuram, Southern Railway, Mysore South- 570 008
- 10. Lallagudda, S. C. Railway Secunderabad- 500 017
- 11. Hubli, South Western Railway- 580 020
- 12. Tirupati, S. C. Railway 517 506
- 13. Mancheswar, East Coast Railway, Bhubaneswar- 751 017
- 14. Kharagpur, S. E. Railway- 721 301
- 15. Lower Parel, N.M. Joshi Marg, Western Railway, Mumbai- 400 013
- 16. Western Railway, Ajmer, Rajasthan
- 17. North East Frontier Railway, Dibrugarh, Assam-786 001

Copy to:

- 1. DG/Carriage, RDSO, Manak Nagar, Lucknow- 226 011
- 2. EDME (Coaching), Railway Board, New Delhi-110 001
- 3. EDME (W), (Coaching), Railway Board New Delhi-110 001
- 4. GM (Mech), Modern Coach Factory, Rae Bareli-229120
- 5. GM (Mech), Integral Coach Factory, Chennai-600038











