

GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS  
(RAILWAY BOARD)

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No. 2013/CE-II/CS/2

New Delhi, dt. 11.01.2013.

The General Managers (Engg.)-CR, ER, ECR, ECoR, NR, NCR, NER, NFR, NWR, SR, SCR, SER, SECR, SWR, WR, WCR and Metro Railway/Kolkata.

The General Manager (Const.), N.F.Railway, Guwahati.

The CAO/Const. All Indian Railways.

FA & CAO, All Indian Railways.

The General Managers (Engg.) – ICF/Chennai, RCF/Kapurthla, DLW/Varanasi, CLW/Chittranjan, W&AP/Yelahanka, Bangalore & DMW/Patiala.

The Director General (Track), RDSO/Alambagh, Lucknow.

Chief Commissioner of Railway Safety, Lucknow.

Managing Director, IRCON, New Delhi.

Managing Director, RITES, New Delhi.

Managing Director, DMRC, Metro Bhawan, Barakhamba lane, New Delhi.

Managing Director, CONCOR, New Delhi.

Managing Director, RVNL, August Kranti Bhawan, Bhikaji Cama Place, New Delhi.

Managing Director, DFCCIL, Pragati Maidan, Metro station, New Delhi.

Managing Director, PIPAVAV Railway Corp. Ltd., 1st Floor Jeeven Tara Building, Gate No.4, Parliament Street, New Delhi.

Managing Director, MRVC, Church Gate station Building 2<sup>nd</sup> Floor, Mumbai – 400020.

Managing Director, RLDA, IRCON Office Compound, Next to Safdarjang Rly. station, Motibagh-I, New Delhi.

Managing Director, Konkan Railway Corporation Ltd, Belapur Bhawan, Sector-11, CBD Belapur. Mumbai. Pin - 400614.

The Chief Project Officer, DMRC, Pragati Vihar, New Delhi.

Director, IRICEN, Pune.

Director, IRIEEN, Nasik.

Director, , IRISSET, Secunderabad.

Director, IRIMEE, Jamalpur.

Director, IRITM, Vill. Kanausi, Hardoi, Manik Nagar, Lucknow.

Director General, Railway Staff College, Vadodara.

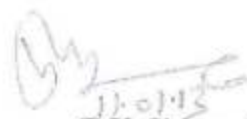
Genl. Secretaries, AIRF, NFIR, IRPOF, FROA, AIRPFA, DAI (Railways) Rail Bhawan, New Delhi.

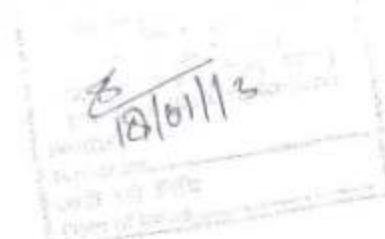
*Sub: Advance Correction Slip No.131 to the Indian Railways Permanent Way Manual.*

Ministry of Railways (Railway Board) have decided that correction/addition as indicated in the enclosed Advance Correction Slip No.131 dated 11.01.2013, to relevant para of the IRPWM, be made.

Receipt of this letter may please be acknowledged.

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11.01.13  
(P.K. Sharma)  
Director Civil Engg.(P),  
Railway Board.



No. 2013/CE-II/CS/2

New Delhi, dt. .01.2013.

**Copy to :**

Sr. PPS/PS to CRB, ME, ML, MS, MM, MT, FC, Secretary.

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Director/C&IS - for uploading on Railway Board website.

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**INDIAN RAILWAYS PERMANENT WAY MANUAL**  
**ADVANCE CORRECTION SLIP No.131 dated 11.01.2013**

The existing paras 277(a) (7), 429 and 502 of Indian Railways Permanent Way Manual shall be replaced with the following:-

**Para 277 (a) (7)** – Joggled fish plate with clamps or two far end bolts on good AT welds shall be provided on bridges having length of water way as 100m or more and on approaches upto 100 m length.

**Para 429 Maintenance of Thermit Welds on curves:** Joggled fish plate with clamps or two far end bolts on good AT welds shall be provided on curves of 3<sup>o</sup> or sharper.

**Para 502 Alumino Thermic Welding of Rails:**

(1) Alumino Thermic Welding of rails may be carried out in accordance with the detailed procedure laid down in the 'Manual for Fusion Welding of Rails by Alumino Thermic Process, September 1996'. A thermit weld done in situ shall be joggle fish plated with four clamps and supported on wooden blocks till tested as good by USFD.

(2) Joggled fish plate with clamps or two far end bolts on good AT welds shall be provided on banks having height 5m or more.

(3) Joggled fish plates with far end tight bolt shall be provided on AT welds which have undertaken traffic equal to or more than 50% of stipulated fatigue life (GMT) of the rail.

(4) For bridges and curves, action as per para 277(a) (7) and para 429 shall be taken.

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