

भारतसरकार/GOVERNMENT OF INDIA
रेलमंत्रालय/MINISTRY OF RAILWAYS
(रेलवेबोर्ड)/ (RAILWAY BOARD)

सं/No. Track/21/2005/0110ATWelding

दिनांक/Date: 02.07.2024

Chief Administrative Officers(Con.),
All Indian Railways.

Chairman & Managing Director,
RITES Bhawan,
Plot No.1, Sector 29,
Gurgaon -122001.

Chairman & Managing Director,
Rail Vikas Nigam Limited,
August Kranti Bhawan,
Bhaikaji Cama Place,
New Delhi.

Managing Director,
Konkan Railway Corp. Ltd.
Design Office, 4th Floor,
DFCCIL Building, Mathura Rd,
Pragati Maidan,
New Delhi-110001.

Chairman & Managing Director,
M/s IRCON International Ltd.,
C-4, District Centre,
Saket, New Delhi-110017.

विषय/Sub: Reduction in AT Welding on Indian Railways – Road Map.

संदर्भ/Ref: 1. Board's letter of even number dated 28.08.2019.
2. Board's letter No. Track/21/2005/0110/7/AT Welding
Vol. I dated 14.02.2022.

In the last few years lot of emphasis has been laid to reduce numbers of AT Welds. Comprehensive guidelines regarding Reduction of AT Welding on Indian Railways were issued vide Board's letters referred above. The important points are reiterated again for implementation:

For Construction Projects:

a) Use of only long rail panels (260m) in Main line

Only 260m rail panels are to be used in field. For this supply of long rail panels to be taken from rail manufacturing plants.

b) Welding of long rail panels in construction projects to convert into LWR in Main line

These should be in-situ FB welded by Mobile FBW Plants.

c) Welding in Points & Crossings area

Railway Board, has already issued instructions that to reduce AT Welding, single rails are not to be used in the P&C area. So rails of different lengths required to be used in P&C should be obtained by cutting long rail panels.

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02.07.24

d) Installation of Glued Joint


With the use of MSDAC (Multi Section Digital Axle Counter) and AFTC (Audio Frequency Track Circuit), use of glued joints from track can be altogether eliminated. Railway Board has already issued instructions in this regard.

e) Welding in loop lines and sidings

For loop lines and sidings, Mobile FBW Plants should be used for welding.

g) In station area only, AT welds should be done at locations not feasible for FB welding.

Construction Organizations/PSUs are advised to strictly adhere to the above instructions.


(Alok Kumar)
02.07.24
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प्रतिलिपि/Copy to: PCE's/All Indian Railways: For their information and enforcing above through their officers.