

भारत सरकार/GOVERNMENT OF INDIA  
रेल मंत्रालय/MINISTRY OF RAILWAYS  
(रेलवे बोर्ड) (RAILWAY BOARD)

सं/No.2018/Track-I/11/1 AT Welding Vol.II

दिनांक/Date: 12.06.2024

**Principal Chief Engineer(s),**  
All Indian Railways.

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

**CMD/RVNL,**  
1<sup>st</sup> Floor, August Kranti Bhawan,  
Bhikaji Cama Place, R.K. Puram,  
New Delhi-110066.

**CMD, IRCON,**  
C-4, District Centre,  
Saket, New Delhi-110017.

**विषय/Sub:** **Implementation of Phased Array Ultrasonic Weld testing of Flash Butt welds.**

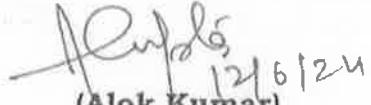
**संदर्भ/Ref:** 1. RDSO's letter No. CT/USFD/Phased Array weld tester dated 27.06.2023.  
2. Board's letter of even number dated 14.08.2023.

In regard to the above-mentioned subject, the "Procedure order and technical eligibility criteria for testing of Flash Butt Welding Joints by Phased Array Ultrasonic Weld tester (PAUT)" was issued by RDSO vide letter under Ref.1. Therein, ZRs & Construction Units/PSUs were advised for adoption of PAUT for testing of new FB welding joints on stationary FB welding plants and on site FB welding joints being executed by mobile FB plants in construction & open line projects.

Further, vide letter under Ref.-2, SCR, NER & WR were advised to implement the same in the Stationary FBWPs at Maula-Ali/SCR, Gonda/NER & Sabarmati/WR.

It is understood that the implementation of testing of Flash Butt Welding Joints by PAUT is slow and requires immediate attention.

Accordingly, ZRs & Construction Units are once again advised to implement the same without fail.

  
(Alok Kumar)  
**Executive Director/Track (P&P)**  
**Railway Board**  
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