

Annexure-II

Technical Eligibility criteria for testing of FB welding joints by Phased Array ultrasonic weld tester through outsourcing

1. Firm shall have RDSO verified PAUT weld tester.
2. Firm shall have RDSO certified USFD operators for weld testing by conventional UT method as described in IRS-T-53. In addition to above, the operator should have competency certificate issued by OEM after completing requisite training for operation and data analysis of Phased Array ultrasonic weld tester.
3. Firm shall have RDSO verified Quality Assurance Plan (QAP) for ultrasonic Testing of FB welds by Phased Array ultrasonic weld tester.
4. The PAUT weld tester proposed to be used by firm on IR network should be in service on some other Railway network for USFD testing of Flash Butt (FB) welds and should have carried out USFD testing of at least 5000 FB welds with satisfactory performance. Firm shall submit a certificate of satisfactory performance of USFD testing of 5000 FB welds in this regard.
5. Original Equipment Manufacturer (OEM) firms shall be eligible to participate in the tender. However, in case the OEM firm is not located in India, any Authorized Indian service provider or representative can participate in the tender.

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