

**Certificate No. NESA-T160**

**Version No. 1.0**

**Approval date** 02 April 2024

**Approved by** Head of Engineering Standards

*This certificate is issued to*

**Supplier** Voestalpine Railway Systems (vaRSAU)

*In respect of*

**Manufacturer** Voestalpine Railway Systems (vaRSAU)

**Product description** Repair Welding

**Item identification** FCAW series

**Application** Network

**Relevant Standards** AS 1085.20, AS 1085.1, ETS-01-00, ETE-01-03

**Conditions of  
Approval**

**Supplier:**

1. Repair welding shall be carried out by a competent welder.
2. A wire feed welding return form shall be completed for every weld with the record handed to ARTC representative for acceptance.
3. A performance report of weld repairs completed to be submitted by vaRSAU after 12 months period.
4. A general condition of approval is that the supplier remains accredited to ISO 9001 specifically for these products and ARTC is advised on a 12 monthly basis that accreditation is current. ARTC reserves the right to conduct its own audit of the manufacture and supply of these components to AS 19011.
5. Any subsequent change to the design, materials or manufacturing process is not covered by this approval. The manufacturer should notify ARTC of any modification or changes in order to obtain a valid certificate.
6. Supplier to provide Certificate of Conformity to confirm supply is in accordance to relevant standards and this type approval.

**ARTC:**

7. Repair welding shall only be conducted on rail type and grade approved by the supplier. Service purchaser to confirm rail grade with vaRSAU prior to engagement.
8. Welding process and testing shall follow the requirements in ETS-01-00 and ETE-01-03. Each weld shall be assessed and ultrasonically tested within the first 24 hours of repair.
9. Area Manager to report ongoing performance issues to the Manager Track & Civil Standards.

**Note/Comments**

**NEW EQUIPMENT AND SYSTEM  
APPROVAL CERTIFICATE**

**Issue date** 02/04/2024

**Expiry date** 12 months from commissioning

**Issued by**

**ARTC Manager Track and Civil Standards**

**Supporting Documents:**

- 01 vaRSAU\_Repair\_Welding\_Manual\_Capability\_For Type Approval\_P01.4
- 04 2022\_10\_24\_Type Approval Appendix 3 - Safe Work Method Statements
- 2023\_10\_24\_HSEQ\_Assessment\_On Site Repair Welding 2 - ARTC specific