

Certificate No.

NESA-T143

Version No.1.1

Approval date

11 December 2023

Approved by

Head of Engineering Standards

This certificate is issued to

Supplier

Cold Forged Products No.1 Pty Ltd
Unit 1, 19 Resolution Drive
Caringbah, NSW 2229
Australia

In respect of

Manufacturer

Reliance Hexham Pty Ltd

Product description

Cold Forge Rail Bow Plate

Item identification

CAL19110

Application

Network Wide

Relevant Standards

ETS-01-00

**Conditions of
Approval**

Supplier:

1. 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.
2. 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.

ARTC:

1. The bow plate shall be installed in accordance with the user manual by the maintenance team.
2. The maximum train speed over the plate when used as a temporary rail joint shall not exceed 20km/h.
3. The maximum in track time for the plate is 14 days and daily inspection shall be carried out in the duration. In track time shall be reduced if additional defects identified post plating
4. Additional risk controls may be taken based on track conditions and traffic in accordance with the risk register listed.

Note/Comments

**NEW EQUIPMENT AND SYSTEM
APPROVAL CERTIFICATE****Issue date** 11/12/2023**Expiry date** N/A**Issued by****ARTC Manager Track & Civil Standards****Supporting Documents:**

- Risk Register - Heavy Duty Bow Plate
- User Manual: Cold Forge Rail Bow Plate – CAL19110 revC
- Drawing: 311-403 Rev 1; 311-402 Rev 2
- Design calculations for the rail bow plate – CAL19110 revE