NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

Certificate No. NESA-T170 **Version No. 1.0**

Certificate type **Full**

Approval date **15/12/2025**

Approved by **Manager Engineering Services**

ARTC Inventory Product No.:

002005193	S11527	CLAMP,FISHPLATE,CLAMPLOK,41/47KG,ASSY
002005194	S11526	CLAMP,FISHPLATE,CLAMPLOK,50KG,ASSY
002005195	S11524	CLAMP,FISHPLATE,CLAMPLOK,53/60KG,ASSY
002005196	S11770	CLAMP,BOWPLATE,CLAMPLOK,41/47KG,ASSY
002005197	S11608	CLAMP,BOWPLATE,CLAMPLOK,53/60KG,ASSY

This certificate is issued to

Supplier Cold Forged Products No. 1 Pty Ltd

In respect of

Manufacturer Cold Forged Products No.1 Pty Ltd

Product description CLAMPLOK® (in variants; AS53/60-B, AS41/47, AS50, AS53/60, AS41/47B)

Supplier product no.

ClampLok – AS41/47 Assembly (S11527)

ClampLok – AS50 Assembly (S11526)

ClampLok - AS53/60 Assembly (S11524)

ClampLok-B – AS41/47 B Assembly (S11770)

ClampLok-B – AS53/60 B Assembly (S11608)

Application Network Wide

Relevant standards

Conditions of Approval

Supplier:

1. All relevant Rail Safety and WHS requirements must be complied with.
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.
3. 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.
4. Supplier to provide Certificate of Conformity to confirm supply is in accordance with relevant standards and this type approval.
5. Supplier to organize additional training for the maintenance team when needed.

ARTC:

6. Staff are to be briefed in the use of the product and must follow the manufacturer's Installation Manual.
7. Minimum of 2 clamps per rail break defect or new joint is to be used.
8. Staff are to use the right product depending on the rail size and the presence of weld.
9. Fishplates and bowplates that do not conform to the standard profiles shall have their clamping thickness measured (distance from outer surface to outer surface between plates) to ensure the correct clamp is used for their application.
10. Torque the security locknut to a minimum of 500Nm to a maximum of 1100Nm ensuring there is no lubrication used on the fasteners.
11. Staff are to ensure that locknut threads are clean, not damaged and are not installed more than 50 times.
12. Spare locknuts are to be stocked in maintenance depots when ClampLoks are used.
13. The joint is to be bonded for track circuit continuity using standard processes.
14. The maximum train speed over the clamp is 30km/h
15. The clamp should be checked and re-tightened after first train.
16. The clamp should be checked 24 hours after initial installation, with further inspections at least every 72 hours thereafter.
17. Asset team to report ongoing performance issues to the Manager Engineering Services.

Issue date 15/12/2025	**Expiry date N/A**
Issued by	**ARTC Manager Engineering Services**

Attachments / Approved item list (if applicable):

- ClampLok Installation Guide Standard - R2.0
- ClampLok-B Installation Guide Bowplate - R2.0
- AS53_60 ClampLok Technical Paper R1.2
- ClampLok FEA Study Report.R0
- CLAMPLOK_FMECA_R3
- Emergency Rail Repair White Paper - ClampLok - R0
- Monash-RT-2025-1934 Testing of fishplate and clamping systems for Coldforge Final sent
- BSS22179-XLER_EPD_2020_Final
- Email verifying the effectiveness of trial of the product