

NEW EQUIPMENT AND SYSTEM  
APPROVAL CERTIFICATE

Certificate No. NESA-T136

Version No. 1.1

Certificate type

Full

Approval date

23 June 2025

Approved by

Manager Engineering Services

ARTC Inventory Product No.

See below

*This certificate is issued to*

Supplier

Pandrol

*In respect of*

Manufacturer

Pandrol

Product description

Aluminothermic Welding Kits

Supplier product no.

See below

## General weld kits

Description	Product No.	ARTC Inventory No.
60KG WG68 CJ GRADE X (Standard Carbon)	75800015	002000021
53KG WG68 CJ GRADE X (Standard Carbon)	75800016	002000020
47KG WG68 CJ GRADE X (Standard Carbon)	75800019	002002115
AS60 HH WGW	75800021	002002160
60KG PLK CJ GRADE HH (Head Hardend)	79700002	001593300
60KG PLK CJ GRADE X (Standard Carbon)	79700003	001883305
41KG PLK CJ GRADE X (Standard Carbon)	79700005	002000652
53KG PLK CJ GRADE X (Standard Carbon)	79700006	001883206
47KG PLK CJ GRADE X (Standard Carbon)	79700007	001885649
50KG PLK CJ GRADE X (Standard Carbon)	79700008	002000935
50KG PLK CJ GRADE HH (Head Hardend)	79700009	002001408

## Step weld kits

Description	Product No.	ARTC Inventory No.
60KGNew/60KGWorn 8mm PLK CJ Grade X	79709002	002005001
60KGNew/60KGWorn 8mm PLK CJ HH	79709005	002003906

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## Junction weld kits

Description	Product No.	ARTC Inventory No.
60/50kg PLK CJ JW Grade X	79707001	002001394
53/47kg PLK CJ JW Grade X	79707002	002000019
50/47kg PLK CJ JW Grade X	79707003	002000880
60/53kg PLK CJ JW Grade X	79707004	001730860
47/41kg PLK CJ JW Grade X	79707007	002001920

## Application

Network Wide

Relevant  
standards

- AS 4839 The Safe Use of Portable and Mobile Oxy-Fuel Gas Systems for Welding, Cutting, Heating and Allied Processes
- AS 1085.20 Railway Track Material, Part 20 Welding of Steel Rail
- ETS-01-00 Section 1: Rail

Conditions of  
Approval

## Supplier:

1. 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.
2. 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.

## ARTC:

3. Appropriate welding kits shall be selected in accordance with ARTC requirements.
4. Welds shall be set up in accordance with manufacturer's specification and only to be completed by qualified welders.
5. Welding quality shall meet the requirements in ARTC ETS-01-00.
6. Asset team to report ongoing performance issues to the Manager Engineering Services.

## Issue date

23/06/2025

Expiry date N/A

## Issued by

ARTC Manager Engineering  
Services

## Attachments / Approved item list (if applicable):

- Manual: PLK\_CJ\_EN\_Rev.04