

Certificate No. NESA-T117

Version No.1.0

Approval date 14/11/2018
Approved by General Manager Technical Standards
Report no. NESA-T117
Report date 06/11/2018

This certificate is issued to

Supplier Thermit Australia Pty Ltd
 170 Somersby Fall Road,
 Somersby NSW 2250

In respect of

Manufacturer Thermit Australia Pty Ltd
 170 Somersby Fall Road,
 Somersby NSW 2250

Product description Thermit AS60 SkV-Elite Z140 Single Use Crucible for welding:
 • AS60HH to VAE400UHC

Item identification AS60 SkV-Elite Z140 Single Use Crucible

Application Approved 12 month trial at Thornton 107B Up Coal.

Relevant Standards As1085.20

**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 welding 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. Installation and maintenance to be as per Skv Elite Code of Practice.
4. To be visual inspected monthly for the first 3 months and then every two months for the remaining trial period.
5. PPE required shall be in accordance with ARTC Safety Alert 79 Minimum PPE for Hot Works, and additionally as per Suppliers Safety Data Sheets for the products
6. Area Manager to report ongoing performance issues to the Manager Standards.

Note/Comments

Nil

Issue date

15/11/2018

Expiry date

12 months from start of trial

Issued by



John Furness

ARTC Manager Standards

Supporting Documents:

Product Data Sheet:

- Weld data sheet & accessories

Manual:

- SKV-Elite Code of Practice dated 12/11/2018

Safety Data Sheet:

- SDS-Thermit Luting Putty
- SDS- Thermit Portion Aust
- SDS- Thermit Sand Moulds

Test Reports:

- Non-destructive test, report number: 029579-1-1 UT Welds
- Hardness Running Surface, report number: 029579-1-1 UT Welds
- Hardness Traverse, report number: 16-2796481-1, 16-2796481-2
- Macroscopic test, report number: 16-2796481-1, 16-2796481-2
- Microscopic test, report number: 16-2796481-1
- Chemical Analysis, report number: 2067-001, 2068-001, 2070-001
- Slow Bend test, report number: DW2067 Break Test Report, DW2068 Break Test Report
- Fatigue test, report number: Monash/RT/2018/1390