

**Certificate No. NESA-T112**

**Version No.**

**1.1**

**Revised date** 10/07/2018  
**Approved by** Acting GM Technical Standards  
**Report no.** 08-08-11-070  
**Report date** 20/01/2016

*This certificate is issued to*

**Supplier** Pandrol  
7 Bessemer Street  
Blacktown NSW 2148  
AUSTRALIA

*In respect of*

**Manufacturer** Vortok International & AEA Technology plc  
**Product description** Non-destructive Stress Free Temperature measuring device  
**Item identification** VERSE  
**Application** Network Wide  
**Relevant Standards** ETI-06-08 Track SFT measurement by VERSE

**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. VERSE to be operated in accordance with relevant standards and manufacturer's instructions.
4. Operator must be suitably instructed in use of the equipment and demonstrate competence.
5. Operator must stop jacking when load reaches 10kN.
6. Inspect the Adjustable Jack Strut prior to use. Inspection method as:
  - a. Unfold the VERSE frame in accordance with the Product Manual
  - b. Wind the Adjustable Jack Strut from a fully contracted position to fully extended position (measure an extension of 130mm in overall Adjustable Strut Length)

## NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

- c. If the Adjustable Jack Strut shows any of the three signs below, there is an indication of a bend in the Adjustable Jack Strut which could lead to premature failure.
  - i. A visible bend being detected
  - ii. Difficulty in adjustment with resistance in rotation
  - iii. Difficulty in adjustment with an oscillating increase and decrease in the torque required to adjust.
- d. If the Adjustable Jack Strut is detected as bent, it should be replaced by VERSE service centre.

### Note/Comments

Issue date 10/07/2018

Expiry date NA

Issued by



David Ogucha

Acting ARTC Manager Standards

### Revised on 10/07/2018, Supporting Documents:

- Advisory Notice – VERSE adjustable jack strut damage (received from Pandrol 11/05/2018)