

Authority Quality Manager
Document TCISEXEDTS
Revision E
Date 26/11/09
Signed

Temperature Controls Pty Ltd

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Ex de Ex tD A21 Certified Fixed Temperature Element

Installation Instructions for Model TCFIXEX

This Temperature Element carries Test Safe, Increased Safety, Flameproof or Protection by Enclosure tD in Combustible dust Certification in Hazardous Areas.

Ex de IIC T6 IP66 or Ex tD A21 T6 IP66 Certificate No IECEX TSA 09.0044U

- 1 Only approved components shall be connected to this temperature element.
- 2 Ensure all wiring insulation and connections are correct and undamaged.
3. Check earthing connections are tight and corrosion free.
- 1 Are there any obvious signs of unauthorised modifications or additions that invalidate certification?
- 2 This fixed Ex ed element shall be adequately guarded to protect it from impact damage when installed.
- 3 This fixed Ex ed element shall have a support mechanism in place to ensure any terminal head or transmitter housing fitted is adequately supported to prevent damage to the mims element cable.
- 4 There are no serviceable parts for this temperature element, for repair or replacement contact the manufacturer.
- 5 The T temperature rating applied to the temperature element is the maximum surface temperature the element shall be subjected to. If the temperature element is connected to an approved enclosure suitable lagging extensions as per Drawing 6682 shall be used to ensure the enclosure does not exceed its T6 rating.

This document shall be supplied with any Ex ed Temperature element supplied to a customer.

Certification Officer

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