



Certificate of Conformity

| Certificate num. | Registration date | Version | Valid until | |
|-------------------|-------------------|-------------|---------------------------|-------------|
| afp - 3861 | 11-Dec-2023 | Number 3 | Issue date 21-Dec-2023 | 30-Apr-2025 |

Page 1 of 3

Product designation

Fire Factory Australia, TPS Fire Alarm Cable series, non-fire rated, TPS cable
(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Fire Factory Australia
24 Picken Street, SILVERWATER, NSW, AUSTRALIA, 2128

Registrant

Fire Factory Australia
24 Picken Street, SILVERWATER, NSW, AUSTRALIA, 2128

Conformance criteria and evaluation

The Fire Factory Australia, TPS Fire Alarm Cable series, non-fire rated, TPS cable has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian/New Zealand Standard AS/NZS 3013:2005, App. D and E (Mechanical rating only), 'Electrical installations - Classification of the fire and mechanical performance of wiring system elements'.

Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- i. This product is subject to specific requirements, based upon its AS/NZS 3013 Classification and applicable fire detection and emergency warning design and installation standards, e.g. AS 1670.1.

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by

Kaj Loh
Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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Technical specification

The following details are a representative extract of the technical specification for the Fire Factory Australia, TPS Fire Alarm Cable series, non-fire rated, TPS cable and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Schedule of variant designations

The following is a schedule of validated variant designations of the certified/listed equipment.

| Part number | Num. of cores | Cross-section | Overall diameter | Cable Group | Classification | Report ident. |
|-----------------|---------------|----------------------|----------------------|-------------|----------------|----------------|
| RTPS-F2C-0.75 | 2 | 0.75 mm ² | 4.1 x 6.4 mm | 4 | WSX1 | FRT230089 R3.0 |
| RTPS-F2C-1.0 | 2 | 1.00 mm ² | 4.3 x 7.2 mm | 4 | WSX1 | FCO-3530 |
| RTPS-F2C-1.5 | 2 | 1.5 mm ² | 4.5 x 7.2 mm | 4 | WSX1 | FCO-3530 |
| RTPS-FWS2C-0.75 | 2 | 0.75 mm ² | 4.1 x 6.4 mm | 4 | WSX1 | FCO-3530 |
| RTPS-FWS2C-1.0 | 2 | 1.00 mm ² | 4.3 x 7.2 mm | 4 | WSX1 | FRT230089 R4.1 |
| RTPS-FWS2C-1.5 | 2 | 1.5 mm ² | 4.5 x 7.2 mm | 4 | WSX1 | FCO-3530 |
| FFA TPS215 | 2 | 1.5 mm ² | Ø7.1 mm ² | 4 | WSX1 | FRT210414 R1.0 |

Supplementary information

Schedule of relevant articles

The following schedule is an extract of articles significant and/or related as evidence of conformity.

| Reference | | Title / description | Date issued (or date validated) | Source |
|-------------|---|--|------------------------------------|---|
| Ident. type | Ident. | | | |
| Datasheet | Twisted-TPS-Fire-Cable (1) f.png | FFA Fire Factory Australia Fire Alarm Cable Twisted TPS 2 Core 1.50 mm ² (Twisted-TPS-Fire-Cable (1) f.png) | 12-Dec-2023 | Fire Factory Australia Pty Ltd, AU |
| | FFA-DATA-FIRE-ALARM-CABLE-FLAT-RED-TPS-2-CORE.pdf | FFA Fire Factory Australia Fire Alarm Cable Flat Red TPS (FFA-DATA-FIRE-ALARM-CABLE-FLAT-RED-TPS-2-CORE.pdf) | 30-Aug-2023 | |
| | FFA-DATA-FIRE-ALARM-CABLE-FLAT-RED-TPS-WHITE-2-CORE_1 f.png | FFA Fire Factory Australia Fire Alarm Cable Flat Red TPS With White Strip (FFA-DATA-FIRE-ALARM-CABLE-FLAT-RED-TPS-WHITE-2-CORE_1 f.png) | 12-Dec-2023 | |
| Report No. | FCO-3530 | The Classification of various Fire Factory Australia Cables in accordance with AS/NZS 3013:2005 Appendix A,B, D and E Assessment Report | 20-Dec-2023 | CSIRO, Fire Testing and Assessments, AU |
| | FRT230089 R3.1 | Mechanical impact and cutting test report Test standard: Appendix D and E of AS/NZS 3013:2005 Test sponsor: Fire Factory (Australia) Pty Ltd Product: FFA Red Flat TPS 2 x 0.75 mm ² Light Duty Cable – RTPS-F2C-0.75 Job Number: FRT230089 Test date: 14 & 20 July 2023 Revision: R3.0 (20231019-FRT230089 R3.1.pdf) | 19-Oct-2023 | Warringtonfire Australia Pty Ltd, AU |
| | FRT230089 R4.1 | Mechanical impact and cutting test report Test standard: Appendix D and E of AS/NZS 3013:2005 Test sponsor: Fire Factory (Australia) Pty Ltd Product: FFA Red with White Stripe Flat TPS 2 x 1.0 mm ² Light Duty Cable – RTPS-FWS2C-1.0 Job Number: FRT230089 Test date: 14, 17 & 20 July 2023 Revision: R4.1 (20231019-FRT230089 R4.1.pdf) | 19-Oct-2023 | |

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| | | | | Page 3 of 3 |

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| Ident. type | Ident. | | | |
| | FRT210414 R1.0 | Mechanical impact and cutting test report Test standard: Appendix D and E of AS/NZS 3013:2005 Test sponsor: Zhejiang Tianjie Industrial CORP Product: Fire Alarm Cable 2 × 1.5 mm ² Twist Job Number: FRT210414 Test date: 7 March 2022 Revision: R1.0 (20220407-FRT210414 R1.0 Warrington Fire.pdf) | 7-Apr-2022 | |