

# Certificate of Accreditation

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| <b>Name of product:</b>                                                      | The Smart Solution (TSS) Integrated Smoke Detection and Suppression System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Product description:</b>                                                  | Integrated aspirating smoke detection and suppression system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description of the purpose and use of the building product:</b>           | A smoke detection and suppression system suitable for use in secure environments of Class 3 (i.e. prisons, secure cells, psychiatric acute) and Class 9a (i.e. psychiatric inpatient rooms) buildings (or part) where there is a high probability occupants will interfere with the fire protection system making the installation of conventional systems unsafe, and where ligature points must be avoided.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Regulation/s in relation to which the building product is accredited:</b> | <p>The Building Regulations Advisory Committee appointed under Division 4 of Part 12 of the Building Act 1993 has examined the application and accredited the product as complying with -</p> <p>Performance requirements relevant to the building product, as determined in accordance with the Building Code of Australia (BCA) Volume 1 2022 Amendment 2:</p> <ul style="list-style-type: none"><li>• E1P4</li><li>• E2P1</li><li>• E2P2</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Conditions to which the accreditation is subject:</b>                     | <ol style="list-style-type: none"><li>1) The system must comply and be installed in accordance with TSS – Technical Installation Manual reference no.: TSS-RFT-01, Revision 04, BRAC Appraisal Report Volume 1, project no.: 09133100, Revision B produced by Omnii on 7 November 2025 and TSS Appraisal Report – Fire Protection Services Stage (I) Investigation Phase Volume 2, project no.: 9133100, Revision A produced by Omnii on 7 November 2025.</li><li>2) The system is approved for use in areas where a light hazard suppression system is deemed appropriate and adequate.</li><li>3) The maximum area to be protected by the TSS system must not exceed 3.7 metres by 3.7 metres, with a maximum ceiling height of 3.0 metres.</li><li>4) The system must be connected to a water supply designed and installed in accordance with the requirements of:<ol style="list-style-type: none"><li>a) AS 2118.1–2017, including Amendments 1 and 2, or</li><li>b) AS 2118.6–2012, and</li><li>c) Relevant provisions of AS 2419.1–2021.</li></ol></li><li>5) The system must be connected to an addressable Fire Detection Control and Indicating Equipment (FDCIE) unit and an Alarm Signalling Equipment (ASE) unit, both designed and installed in accordance with AS 1670.1–2018, including Amendment 1.</li></ol> |

- 6) The system must be maintained in accordance with clause 4.5 of the TSS – Technical Installation Manual reference no.: TSS-RFT-01, Revision 04, and sections 2 and 6 of AS 1851-2012 (including amendment 1).
- 7) This Certificate of Accreditation (the Certificate) is limited to the details within this Certificate, including the above compliance conditions, product description, purpose or use. The remainder of the information contained in the product's literature is outside the scope of this certification.
- 8) An appropriately qualified person must provide the certificates for the TSS design and installation, as outlined in clause no.: 3 of the TSS – Technical Installation Manual reference no.: TSS-RFT-01 Revision 04, to the Relevant Building Surveyor.

**Note:** The Building Regulations Advisory Committee recommends that the Relevant Building Surveyor should include a detailed maintenance requirement, including ongoing and system interface testing (full function test) in the Maintenance Determination/Maintenance Schedule forming part of the Occupancy Permit and/or Certificate of Final Inspection for the building.

# Building

## Regulations Advisory Committee

**The name, address and Australian business number of the holder of the accreditation:** Revolutionary Fire Technology Pty Ltd  
104 Wedgewood Road  
Hallam VIC 3903  
ABN 17 661 613 978

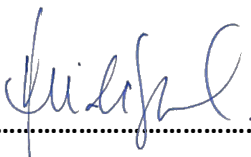
**Certificate number:** V25/11

**Date of issue:** 19/11/2025

Refer to the Historical Details page of this Certificate.  
This Certificate is only valid when reproduced in its entirety.

**Date of expiry of accreditation:** 19/11/2028

**Signature:**



**Heidi Smith**  
**Nominated Chair, Building Regulations Advisory Committee**

### Practitioner guidance on how to use a Certificate of accreditation

Practitioners are reminded to consider any limitations noted in this Certificate and whether the performance of the product has been tested for all aspects of the performance that it is expected to achieve in the application it is being applied to.

This accreditation is only applicable for the State of Victoria.

Deemed to Satisfy solutions are not considered within the scope of this accreditation.

## Historical Details

| Certificate number: | Description:          | From:      | To:        |
|---------------------|-----------------------|------------|------------|
| V25/11              | Accreditation granted | 19/11/2025 | 19/11/2028 |