CSIRO Verification Services
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Certificate of Conformity

Certificate num.	Registration date	Version Number	Version Issue date	Valid until
afp - 2400	10-Feb-2010	19	16-Apr-2026	30-Apr-2027

Product designation

Flamestop, CO Series, carbon dioxide type portable fire extinguishers

(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

FlameStop Australia Pty. Ltd.
13 Chaplin Drive, LANE COVE WEST, NSW, AUSTRALIA, 2066

Registrant

FlameStop Australia Pty. Ltd.
13 Chaplin Drive, LANE COVE WEST, NSW, AUSTRALIA, 2066

Producer

FlameStop Australia Pty. Ltd.
13 Chaplin Drive, LANE COVE WEST, NSW, AUSTRALIA, 2066

Conformance criteria and evaluation

The Flamestop, CO Series, carbon dioxide type portable fire extinguishers has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian/New Zealand Standard AS/NZS 1841.6:2007, 'Portable fire extinguishers - Specific requirements for carbon dioxide type extinguishers'.

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. Carbon Dioxide type fire extinguishers are suitable for use on Classes E fires.

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

Kai Loh
Executive Officer – ActivFire Scheme

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This certificate remains the property of CSIRO and may be subject to amendment, suspension or withdrawal at any time.
The validity and authenticity of this certificate can be verified by the certification register located at https://activfire.csiro.au

Schedule to
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Producer's description

For use against electrically energised equipment and in electrical environments (Class E), this equipment has been manufactured to Australian Standards. Extracted from the atmosphere, CO2 is stored in a liquid state and at high pressure. The effect of a CO2 extinguisher can be limited where there is air movement and discharge within a confined space is definitely not recommended.

Technical specification

The following details are a representative extract of the technical specification for the Flamestop, CO Series, carbon dioxide type portable fire extinguishers 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.

Model num.	Nett mass	Agent	Brand	Reference num.	Rating
CO2ALH6	2.0 kg	Carbon Dioxide	Flamestop	22111-DG-7104	2B:E
				22111-DG-7107	5B:E
CO35ALH6	3.5 kg			22111-DG-7105	10B:E
CO5ALH6	5.0 kg			22111-DG-7106	10B:E

Schedule of properties/characteristics

The following schedule is an extract of physical and operational properties/characteristics of the certified/listed equipment.

Model num.:	CO2ALH6	CO35ALH5	CO5ALH5
Part ident.:	G2.0CO2	G3.5CO2	G5.0CO2
Total mass:	5.1 kg	9.0 kg	11.7 kg
Discharge time:	8 to 9.5 seconds	10.5 to 14 seconds	13 to 16 seconds
Periodic test pressure:	21.5 MPa		
Dimensions			
Height:	500 mm	535 mm	680 mm
Width:	111 mm	153 mm	153 mm
Construction			
Cylinder:	Aluminium		
Valve:	Brass		
Finish			
Cylinder:	Powder coated red		
Valve:	Nickel plated brass		
Handles:	Stainless steel		
Reference technical data sheet	FlameStop 2kg CO2 type – fire extinguisher, 2016	FlameStop 3.5kg CO2 type – fire extinguisher, 2016	FlameStop 5kg CO2 type – fire extinguisher, 2016

Supplementary information

Schedule of relevant articles

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

Reference				
Ident. type	**Ident.**	**Title / description**	**Date issued** (or date validated)	**Source**
Certificate No.	SMKH22111	StandardsMark Licence Manufactured to AS/NZS 1841.6:2007, 'Portable fire extinguishers - Specific requirements for carbon dioxide type extinguishers'	10-Jun-2016	SAI Global, AU