



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 1351	16-Oct-2000	Number 15	Issue date 1-May-2019	30-Apr-2020

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Product designation

BFI, FP Model range, Aluminium casing, Carbon Dioxide Type Portable Fire Extinguishers
(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

BFI Fire Pty Ltd
108A Munibung Rd, BOOLAROO, NSW, AUSTRALIA, 2284

Registrant

BFI Fire Pty Ltd
108A Munibung Rd, BOOLAROO, NSW, AUSTRALIA, 2284

Producer

BFI Fire Pty Ltd
108A Munibung Rd, BOOLAROO, NSW, AUSTRALIA, 2284

Conformance criteria and evaluation

The BFI, FP Model range, Aluminium casing, Carbon Dioxide Type Portable Fire Extinguishers have 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 portable fire extinguishers are more effective on liquid and electrical fires.
- ii. They are not be used on combustible metal or combustible metal alloy 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

David Whittaker
Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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Producer's description

The BFI, FP Model range, Aluminium casing, Carbon Dioxide Type Portable Fire Extinguishers are designed for use on flammable liquid and electrically energised fires. The carbon dioxide is stored as a compressed liquid in the extinguisher; as it expands it cools the surrounding air.

The extinguishers should always be re-charged after use.

Technical specification

The following details are a representative extract of the technical specification for the BFI, FP Model range, Aluminium casing, 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 Number		
	FP20CO2A	FP35CO2A	FP50CO2A
Capacity	2.0 kg	3.5 kg	5.0 kg
Overall weight $\pm 5\%$	5.7 kg	9.7 kg	12.7 kg
Overall diameter	117 mm	151 mm	151 mm
Overall height	505 mm	530 mm	690 mm
Volume $\pm 5\%$	3.0 litre	5.25 litre	7.5 litre
Test pressure	250 bar		
Working pressure	58 bar @ 21°C		
Discharge time	6 to 8 sec	8 to 10 sec	10 to 12 sec
Temperature range	-20°C to +60°C		
Extinguishant	Carbon Dioxide		
Rating	2B:(E)	5B:(E)	5B:(E)

Schedule of properties/characteristics

Cylinder:	Aluminium
CO2 Valve:	Brass
Discharge horn:	Plastic
Safety pin:	Chrome mild steel
Discharge hose:	Rubber

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.			
Certificate No.	SMK02063	StandardsMark Licence PD Bulbeck Pty Ltd Trading As Bulbeck Fire Industries Manufactured to: AS/NZS 1841.6:2007 - Portable fire extinguishers - Specific requirements for carbon dioxide type extinguishers (SF01.AS015446.SMK02063.4.pdf)	15-Aug-2013	SAI Global Certification Services Pty Ltd, AU