



# Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
<b>afp - 1242</b>	16-Jun-1999	Number 15	Issue date 1-May-2019	30-Apr-2020

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## Product designation

**BFI, FP Model Range, Powder 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

Steel Recon Industries Sdn Bhd  
7 Jalan SS 13/3D, SUBANG JAYA, SELANGOR, MALAYSIA, 47500

## Conformance criteria and evaluation

The BFI, FP Model Range, Powder 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 1841.5:2007, 'Portable fire extinguishers - Specific requirements for powder 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. The amount of extinguishant discharged in a given time depends a great deal upon the type and quality of the extinguishing appliance used. His equipment should not be used on Class F 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, Powder Type Portable Fire Extinguishers are rated for multi-purpose use. The extinguishers contain an extinguishing agent and use a compressed, non flammable gas as a propellant.

Pulvex ABE Royal is a dry chemical agent approved for the fire classes A, B, and E. It is based upon fusible phosphates. The powder melts on the burning solid to inhibit the admission of oxygen. In gas flames, reaction chains are inhibited by radical particles formed by the powder.

## Technical specification

The following details are a representative extract of the technical specification for the BFI, FP Model Range, Powder 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 numbers				
	FP10ABE	FP20ABE	FP25ABE	FP45ABE	FP90ABE
<b>Capacity:</b>	1.0	2.0	2.5	4.5	9.0
<b>Fire class:</b>	ABE	ABE	ABE	ABE	ABE
<b>Powder type:</b>	ABE 70 Royal Powder				
<b>Fire rating:</b>	1A:20B:E	2A:30B:E	3A:40B:E	4A:80B:E	6A:80B:E
<b>Operating temperature:</b>	-20°C to +60°C				
<b>Test pressure</b>	2500 kPa				
<b>Operating pressure @ 23°C:</b>	1000 kPa	1000 kPa	1000 kPa	1400 kPa	1400 kPa
<b>Minimum discharge material:</b>	13s	12s	16s	20s	24s
<b>Cylinder material:</b>	Cold Roll Carbon Steel				
<b>Cylinder thickness:</b>	1.0 mm	1.2 mm	1.2 mm	1.4 mm	1.6 mm
<b>Operating valve:</b>	Brass				
<b>Height:</b>	325 mm	410 mm	410 mm	410 mm	570 mm
<b>Diameter:</b>	915 mm	118.5 mm	118.5 mm	157 mm	176 mm
<b>Full weight:</b>	2.1 kg	4.2 kg	4.7 kg	7.6 kg	12.8 kg

## 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.	SMK02048	StandardsMark Licence Steel Recon Industries Sdn Bhd Manufactured to: AS/NZS 1841.5:2007 - Portable fire extinguishers - Specific requirements for powder type extinguishers (SF01_AS121854.SMK02048.4.pdf)	5-Mar-2018	SAI Global Certification Services Pty Ltd, AU