



# Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
<b>afp - 2286</b>	13-Feb-2009	Number 17	Issue date 1-May-2020	30-Apr-2021
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## Product designation

**FirePro®, FP Series, aerosol fire extinguishing system**

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

## Agent/distributor

Fire Safety Equipment Pty Ltd  
2A Staple Street, SEVENTEEN MILE ROCKS, QLD, AUSTRALIA, 4073

## Registrant

FirePro Systems Ltd  
8 Faleas Str., Agios Athanasios Industrial Area, LIMASSOL, CYPRUS, CY-4101

### Producer

FirePro Systems Ltd  
8 Faleas Str., Agios Athanasios Industrial Area, LIMASSOL, CYPRUS, CY-4101

## Conformance criteria and evaluation

The FirePro®, FP Series, aerosol fire extinguishing system has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 4487-2013, 'Condensed aerosol fire extinguishing systems— Requirements for system design, installation and commissioning and test methods for components'.
2. Underwriters Laboratories Standard UL 2775, 'Outline of Investigation for Fixed Condensed Aerosol Extinguishing System Units'.
3. Underwriters Laboratories - Evaluation and listing, 'UL listing'.

## 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.

(Limitations/conditions of conformance continue)

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

- i. System design, installation and maintenance shall be in accordance with the producer's design, installation, operation and maintenance instruction manual (refer Schedule of relevant articles), including detailed instructions for correct usage and maintenance and the requirements of AS 4487-2013 and authorities having jurisdiction
- ii. Detection, actuation and control systems shall be designed and installed in accordance with the requirements of AS 4487-2013 Appendix A and authorities having jurisdiction.
- iii. This system is intended to be used in un-occupiable and normally unoccupied areas. For occupied areas full and relevant instructions for human evacuation shall be incorporated into the design.
- iv. This system is designed for total flooding protection against NFPA 10 Class A, ordinary combustibles, Class B flammable liquid fires, with or without Class C involvement, occurring within an enclosure.

## Producer's description

FirePro®, FP Series, aerosol fire extinguishing system is a pre-engineered compact, non-stored pressure, electrically-actuated fixed fire protection system which extinguishes fire by using an extremely fine low settling-rate chemical particulate plus inert gases. The particulate particles are induced into the fire and quickly cause complete chemical inhibition of the fire's radical-forming chain reactions. This rapidly extinguishes the flaming combustion of most fuels. FirePro®, FP Series, aerosol fire extinguishing system is designed for the suppression of Class A, B and C fires and for prevention of explosions of gas and dust/air mixtures. The electrical initiation of the FirePro®, FP Series, aerosol fire extinguishing system is by means of an electrically activation ignition device located inside the generator. Any extinguishing system control panel is likely to be capable of activating one or several FirePro® units simultaneously.

The supplied equipment of FirePro®, FP Series, aerosol fire extinguishing system includes, mounting brackets, and all necessary fasteners to attach these to the generator.

## Technical specification

The following details are a representative extract of the technical specification for the FirePro®, FP Series, aerosol fire extinguishing system 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	Mass of generator	Mass of aerosol-forming elements	Discharge time	Mounting bracket part num.
FP-20SE	310 g	20 g	5 to 10 seconds	C20BR
FP-20T				
FP-40S	610 g	40 g	5 to 10 seconds	C4080BRS1 / C4080BRS2/C4- 80RBR
FP-40T				
FP-80S	870 g	80 g	5 to 10 seconds	
FP-80T				
FP-100S	1370 g	100 g	5 to 10 seconds	C1-2-5ABS / C1-2-5RBR
FP-200S	1840 g	200 g	5 to 10 seconds	
FP-500S	3340 g	500 g	5 to 10 seconds	
FP-1200	10900 g	1200 g	15 to 20 seconds	B122030BRKT
FP-1200S				
FP-1200T				
FP-1200TS				
FP-2000	15500 g	2000 g	15 to 20 seconds	
FP-2000S				
FP-2000T				
FP-2000TS				

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Model	Mass of generator	Mass of aerosol-forming elements	Discharge time	Mounting bracket part num.
FP-3000	16300 g	3000 g	15 to 20 seconds	B122030BRKT
FP-3000S				
FP-3000T				
FP-3000TS				
FP-4200T	25000g	4200g	15 to 20 seconds	B57BRKT
FP-4200TS				
FP-5700	26400 g	5700 g	15 to 20 seconds	
FP-5700S				
FP-5700T				
FP-5700TS				

**Operating temperature:** -54° to 54°C (-65° to 130°F)

**Classifications (NFPA 10):**

Class A, ordinary combustibles

Class B, flammable liquid fires, with or without Class C involvement, occurring within an enclosure

**Operational lifespan:** 15 years

## 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.			
File ref.	FWSA.EX6960	FWSA.EX6960, Fixed Condensed Aerosol Extinguishing System Units <small>(ul_w3_FWSA_EX6960_v_2017-01-26.pdf)</small>	1-Jan-2017	Underwriters Laboratories Inc., US; Certifications Directory
Cert. of Compliance	20160920-EX6960	Fixed Condensed Aerosol Extinguishing System Units Pre-Engineered, FirePro Aerosol Generating Fire Extinguishing System Units, Models FP-20SE, FP-20T, FP-40S, FP-40T, FP-80S, FP-80T, FP-100S, FP-200S, FP-500S, FP-1200, FP-1200S, FP-1200T, FP-1200TS, FP-2000, FP-2000S, FP-2000T, FP-2000TS, FP-3000, FP-3000S, FP-3000T, FP-3000TS, FP-4200T, FP-4200TS, FP-5700, FP-5700S, FP-5700T, and FP-5700TS with 20, 40, 80, 100, 200, 500, 1200, 2000, 3000, 4200, and 5700 grams respectively. <small>(ul_CoC_20160920-EX6960_i_2016-09-20.pdf)</small>	20-Sep-2016	Underwriters Laboratories Inc., US
Manual No.	EX6960 Version 1.0 Revision 6.0	FirePro® Design, Installation and Maintenance Manual	Nov-2016	FirePro Systems Ltd, CY