

Certificate of Constancy of Performance

0359-CPR-00469



In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation), this certificate applies to the construction product(s)

Product(s): Eurofyre Limited range of ProFyre C24 Control and Indicating Equipment (refer to attached appendix for details and conditions)

Produced by or for: Eurofyre Limited
Unit C1, Knowle Village Business Park, Mayles Lane, Wickham, Fareham, PO17 5DY, United Kingdom

Produced in the manufacturing plant(s): GLT Exports Limited (GLTEXPUK.01)
72/78 Morfa Road, Swansea, SA1 2EN, United Kingdom

Intended use: Fire Safety

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

EN54-2:1997+A1:2006

Fire detection and fire alarm systems – Control and indicating equipment

EN54-4:1997+A1:2002+A2:2006

Fire detection and fire alarm systems – Power supply equipment

under system 1 are applied and that the product(s) fulfils all the prescribed requirements set out above.

This certificate was first issued on **02 July 2015** and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body. A review of the product(s) and compliant standard(s) will be carried out after 5 years to ensure continued compliance.

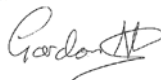


**Notified Body
0359**

Intertek Testing & Certification Limited
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Certification Manager



Date 02/07/2015
Issue 1

Re-Issue 02/07/2020

Registered No 3272281 Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ, United Kingdom

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Appendix to Certificate of Constancy of Performance 0359-CPR-00469

The details and condition of use for the range of ProFyre C24 Control and Indicating Equipment placed on the market by:

Eurofyre Limited

Unit C1, Knowle Village Business Park, Mayles Lane, Wickham, Fareham, PO17 5DY, United Kingdom

To be used in accordance with the supplier's installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

Products compliant with EN54-2:1997+A1:2006 and EN54-4:1997+A1:2002+A2:2006

Part Number	Description
13-010	ProFyre C24 8 Zone Conventional Fire Alarm Panel
13-011	ProFyre C24 16 Zone Conventional Fire Alarm Panel
13-012	ProFyre C24 32 Zone Conventional Fire Alarm Panel

Product Variants:

Variant	Description
13-010	ProFyre C24 8 Zone Conventional Fire Alarm Panel Comprising of:
21-1003	x 1 Base board PCB
21-1004	x 1 Display PCB
21-1005	x 1 Zone card PCB
21-3000	x 1 Controller PCB for EN54-4 LCD PSU
MEBB	Medium enclosure back box
MED	Medium enclosure door
MEMP	Medium enclosure mounting plate
MPBP	M-Plus back plate
BB17	Battery bracket for 17Ah batteries
RS-150-30	Sunpower 150W single output PSU RS(SPX)-150-30
12V 17Ah SLA	2 x 12V 17Ah Sealed Lead Acid batteries

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Variant	Description
13-011	ProFyre C24 16 Zone Conventional Fire Alarm Panel Comprising of:
21-1003	x 1 Base board PCB
21-1004	x 1 Display PCB
21-1005	x 2 Zone card PCB
21-3000	x 1 Controller PCB for EN54-4 LCD PSU
MEBB	Medium enclosure back box
MED	Medium enclosure door
MEMP	Medium enclosure mounting plate
MPBP	M-Plus back plate
BB17	Battery bracket for 17Ah batteries
RS-150-30	Sunpower 150W single output PSU RS(SPX)-150-30
12V 17Ah SLA	2 x 12V 17Ah Sealed Lead Acid batteries

Variant	Description
13-012	ProFyre C24 32 Zone Conventional Fire Alarm Panel Comprising of:
21-1003	x 1 Base board PCB
21-1004	x 1 Display PCB
21-1005	x 3 Zone card PCB
21-3000	x 1 Controller PCB for EN54-4 LCD PSU
MEBB	Medium enclosure back box
MED	Medium enclosure door
MEMP	Medium enclosure mounting plate
MPBP	M-Plus back plate
BB17	Battery bracket for 17Ah batteries
RS-150-30	Sunpower 150W single output PSU RS(SPX)-150-30
12V 17Ah SLA	2 x 12V 17Ah Sealed Lead Acid batteries

Option with requirements evaluated as being compliant:

Clause 7.8	Output to fire alarm devices
Clause 7.9.1	Output to Fire Alarm Routing Equipment
Clause 7.11	Delays to outputs
Clause 10	Test Condition

Ancillary Functions:

Serial repeater output (RS485)

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Conditions of use:

Suitable for indoor applications

General Notes:

1. Evaluated under Intertek project number 102031405
2. No CE or other type approval is made or inferred outside of the attestation of conformity and the product performance as stipulated on this certificate.

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Appendix to Certificate of Constancy of Performance 0359-CPR-00469 (continued)

Table of performance for EN54-2:1997+A1:2006			
Harmonised technical specification			
Essential characteristics	Performance	Clauses	Notes
Performance under fire conditions	Pass	4, 5, 7	a)
Response delay (response time to fire)	Pass	7.1, 7.7, 7.11, 7.12	a), d)
Operational reliability	Pass	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14	a), b), c), e), f), g), h), i), j), k)
Durability of operational reliability, Temperature resistance	Pass	15.4	
Durability of operational reliability, Vibration resistance	Pass	15.6, 15.7, 15.15	
Durability of operational reliability, Electrical stability	Pass	15.8 to 15.13	
Durability of operational reliability: humidity resistance	Pass	15.5, 15.14	
Notes:			
<p>a. The products covered by this standard are assumed to function during the alarm condition, in an event of fire, before the fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from fire.</p> <p>b. The CIE did not provide the option for the alarm confirmation input from fire alarm routing equipment; Clause 7.9.2 was therefore not applicable.</p> <p>c. The CIE did not provide the options of outputs to fire protection equipment; Clause 7.10 was therefore not applicable.</p> <p>d. The CIE did not provide the option of outputs to fire protection equipment, Clause 7.12 was therefore not applicable.</p> <p>e. The CIE did not provide the option of an Alarm counter; Clause 7.13 was therefore not applicable.</p> <p>f. The CIE was not intended to be housed in more than one enclosure; Clauses 8.2.4e, 8.2.6a, 12.3.2, 12.5.3 and 12.5.4 were therefore not applicable.</p> <p>g. The CIE did not provide the option to indicate fault signals from points; Clause 8.3 was therefore not applicable.</p> <p>h. The CIE did not provide the option to indicate total loss of power supply condition; Clause 8.4 was therefore not applicable.</p> <p>i. The CIE did not provide the option of Output to fault warning routing equipment. Clause 8.9 was therefore not applicable.</p> <p>j. The CIE did not provide the option of disablement of addressable points. Clause 9.5 was therefore not applicable.</p> <p>k. The CIE did not provide the option of standardised input/output interface; Clause 11 was therefore not applicable.</p>			

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Table of performance for EN54-4:1997+A1:2002+A2:2006			
Harmonised technical specification			
Essential characteristics	Performance	Clauses	Notes
Performance of power supply	Pass	4, 5, 6	a), b)
Operational reliability	Pass	4, 5, 6, 7, 8	a), b)
Durability of operational reliability, Temperature resistance	Pass	9.5	
Durability of operational reliability, Vibration resistance	Pass	9.7, 9.8, 9.15	
Durability of operational reliability, Electrical stability	Pass	9.9 to 9.13	
Durability of operational reliability: humidity resistance	Pass	9.6, 9.14	
Notes:			
a. <i>The products covered by this standard are assumed to function during the alarm condition, in an event of fire, before the fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from fire.</i>			
b. <i>The PSE is incorporated within the CIE enclosure; Clauses 4.2.9, 6.2.4, 6.2.6 and 6.4 were therefore not applicable.</i>			

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