



1. **EC-TYPE EXAMINATION CERTIFICATE**

2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**

3. **EC-Type Examination Certificate Number:** ITS14ATEX17992X

4. **Equipment or Protective System:** Hazardous location ventilation fans

5. **Manufacturer:** Air Systems International Inc.

6. **Address:** 829 Juniper Crescent
Chesapeake, VA 23320, USA

7. This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8. Intertek Testing and Certification Limited, notified body number 0359 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.


The examination and test results are recorded in confidential Intertek Report 1010249591CRT-002a dated November 23 2015, 1010249591CRT-002b, -002c dated November 19, 2014, 1010249591CRT-002d, -002e, -002f dated February 3 2015 and 1010249591CRT-003a, -003b and -003c dated November 7, 2014.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with standards EN 60079-0: 2009, EN 60079-1: 2007, EN 14986: 2007, EN 13463-1: 2009 and EN 13463-5: 2011 except in respect of those requirements referred to at item 16 of the Schedule.

10. If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

11. This EC Type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12. The marking of the equipment or protective system shall include the following:-

 II 2 G c
Ex d IIB T6 Gb
 $-20^{\circ}\text{C} \leq T_a \leq 40^{\circ}\text{C}$



Richard J. Smith
Certification Officer
23 November 2015

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SCHEDULE

EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS14ATEX17992X

13. **Description of Equipment or Protective System**

Models CVF-8X220 and SVF-10X220 portable exhaust fans, intended to be used in a zone 1 or 2 hazardous location. The exhaust fans comprise of a flame-proof fan motor enclosed in a housing and are intended to be cord connected to the mains supply source.

The models CVF-8X220 and SVF-10X220 differ in that the CVF-8X220 is provided with a non-metallic exterior housing, and the model SVF-10X220 has a steel exterior housing.

14. **Report Number**

Intertek Report Ref: 1010249591CRT-002a, -002b, -002c, -002d, -002e, -002f dated November 19, 2014, and 1010249591CRT-003a, -003b and -003c dated June 27, 2014.

15. **Conditions of Certification**

(a). Special Conditions for safe use

- The fans are provided with an un-terminated power cable anchored to the fan motor. The cord must be fitted with a certified plug with a protection technique compatible with a Zone 1 hazardous location and in compliance with local codes,
- The equipment must be installed and used in accordance with EN 60079-14

(b). Conditions of Manufacture

- None

16. **Essential Health and Safety Requirements (EHSR's)**

The relevant EHSR's have been identified and assessed in Intertek Report Ref: 101024591CRT-002a Issue: 0 Dated: November 19, 2014.

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17. Drawings and Documents

Title	Drawing No.:	Rev. Level:	Date:
OPERATING MANUAL MODELS: CVF-8X220 AND SVF-10X220	BLWR047	1	February 2015
8" EXPLOSION PROOF FAN WITH BLACK CONDUCTIVE HOUSING 220 VAC/50/60 Hz	CVF-8X220	0	4/01/14
ELONGATED CONDUCTIVE HOUSING FOR CVF-8EXP (2 pages)	CVF8EXP-H	0	9/2/2010
10" EXPLOSION PROOF FAN WITH RED STEEL CONDUCTIVE HOUSING 220 VAC/50/60 Hz (1 page)	SVF-10X220	0	4/01/14
BASE FOR 10" INLINE FANS	MILF-10B	4	01-09

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