



1 **TYPE EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

3 Certificate Number: **Sira 06ATEX6093** Issue: **4**

4 Equipment: **Ventilation Dampers**

5 Applicant: **Wozair Limited**

6 Address: **32 Grosvenor Road
Gillingham Business Park
Gillingham
Kent, ME8 0SA
UK**

7 This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

8 Sira Certification Service certifies that this equipment has been found to comply with the Essential Health and Safety Requirements that relate to the design of Category 2 equipment, which is intended for use in potentially explosive atmospheres. These Essential Health and Safety Requirements are given in Annex II to European Union Directive 94/9/EC of 23 March 1994.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:

EN 13463-1:2009

EN 13463-5:2011

The above list of documents may detail standards that do not appear on the UKAS Scope of Accreditation, but have been added through Sira's flexible scope of accreditation, which is available on request.

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

11 This TYPE EXAMINATION CERTIFICATE relates only to the design of the specified equipment, and not to specific items of equipment subsequently manufactured.

12 The marking of the equipment shall include the following:



II 2 G D c T6 80°C

R A Craig
Certification Support Officer

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Project Number 70059706

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SCHEDULE

TYPE EXAMINATION CERTIFICATE

Sira 06ATEX6093
Issue 4

13 DESCRIPTION OF EQUIPMENT

The equipment is a family of ventilation dampers that include following types:

FGD, MFD and LFD, Fire Dampers
VCD, Isolating and Non-Isolating Dampers
NRD, Non-Return and PRD Pressure Relief Dampers

The dampers comprise a square fabricated steel casing with flanges both sides, a row of internal blades are linked together and rotate clockwise or anti clockwise in unison. The dampers may be operated manually or by a pneumatic or electrical system, which is not considered in this certificate.

The fire dampers are specifically designed to control fires in a building and are not intended to be a protective system that halts an incipient explosion, as defined by Potentially Explosive Atmospheres Directive 94/9/EC. However, they are a 'Fail-Close' product that incorporates a spring system that automatically shuts that damper in the event of pneumatic or electrical failure.

Design Options

The enclosure, blades and blade stops can be made from either stainless steel or galvanised mild steel.

Variation 1 - This variation introduced the following change:

- i. The introduction of a new product, Isolating Damper Type IDT.

Variation 2 - This variation introduced the following change:

- i. A change of the sealant was endorsed.

Variation 3 - This variation introduced the following change:

- i. Following appropriate assessment to demonstrate compliance with the requirements of the latest standards, EN 13463-1:2001 was replaced by EN 13463-1:2009, in addition, EN 13463-5:2011 is now included in the list of documents used to demonstrate compliance with the Essential Health and Safety Requirements.
- ii. The template used to create this certificate was corrected.

Variation 4 - This variation introduced the following change:

- i. The Applicants address was changed from, Wozair Limited, 5 & 6 Saracen Close, Gillingham Business Park, Gillingham, Kent ME8 0QN, UK, to, Wozair Limited, 32 Grosvenor Road, Gillingham Business Park, Gillingham, Kent, ME8 0SA, UK.

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Sira Reports and Certificate History

Issue	Date	Report no.	Comment
0	9 May 2006	R51A14459A	The release of the prime certificate.
1	8 June 2009	R51A20292A	The introduction of Variation 1.

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Issue	Date	Report no.	Comment
2	25 November 2010	R22162A/00	The introduction of Variation 2.
3	14 June 2013	R30869A/00	The introduction of Variation 3.
4	22 January 2016	R70059706A	The introduction of Variation 4.

15 SPECIAL CONDITIONS FOR SAFE USE

None

16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed reports listed in Section 14.2.

17 CONDITIONS OF CERTIFICATION

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of Sira Certificates.

17.2 Holders of Type Examination Certificates are required to comply with the production control requirements defined in Article 8 of directive 94/9/EC.

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Certificate Annexe



Certificate Number: Sira 06ATEX6093
Equipment: Ventilation Dampers
Applicant: Wozair Limited

Issue 0

Number	Sheet	Rev.	Date	Description
870.2143	1 of 1	A	24 Mar 06	G.A. of NRD
870.2142	1 of 1	A	24 Mar 06	G.A. of PRD
870.2141	1 of 1	A	24 Mar 06	G.A. of Isolating MID
870.2140	1 of 1	A	24 Mar 06	G.A. of Non-Isolating VCD
870.2139	1 of 1	A	24 Mar 06	G.A. of LFD
870.2138	1 of 1	A	24 Mar 06	G.A. of MFD
870.2137	1 of 1	A	24 Mar 06	G.A. of FGD
870.1350	1 of 1	A	02 May 06	Identification Label

Issue 1

Number	Sheet	Rev.	Date (Sira stamp)	Description
870.2182	1 of 1	A	02 Jun 09	Isolating damper Type IDT

Issue 2

Number	Sheets	Rev.	Date (Sira stamp)	Description
870.2137	1 of 1	B	03 Nov 10	GA of FGD – ATEX Certification
870.2138	1 of 1	B	03 Nov 10	GA of MFD – ATEX Certification
870.2139	1 of 1	B	03 Nov 10	GA of LFD – ATEX Certification
870.2141	1 of 1	B	03 Nov 10	GA of isolating MID – ATEX Certification

Issue 3 No new drawings were introduced.

Issue 4

Drawing No.	Sheet	Rev.	Date (Sira stamp)	Description
870.1350	1 of 1	B.1	13 Jan 16	Identification Label

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