



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEx SIR 05.0042U	Issue No: 5	<u>Certificate history:</u> Issue No. 5 (2012-06-07) Issue No. 4 (2010-09-28) Issue No. 3 (2009-11-12) Issue No. 2 (2009-01-16) Issue No. 1 (2007-04-24)
Status:	Current	Page 1 of 4	
Date of Issue:	2012-06-07		
Applicant:	Redapt Engineering Co Ltd Unit 1 1 Kingsway South Aldridge Walsall WS9 8FS United Kingdom		
Electrical Apparatus:	Ranges of Adaptors, Reducers and Stopping Plugs		
<i>Optional accessory:</i>			
Type of Protection:	Flameproof, Increased Safety and Dust		
Marking:	Ex d I/IIC & Ex e I/IIC MbGb Ex tb IIC Db IP6X		

Approved for issue on behalf of the IECEx
Certification Body:

D R Stubbings BA MIET

Position:

Certification Manager

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](#).

Certificate issued by:

SIRA Certification Service
Rake Lane
Eccleston
Chester
CH4 9JN
United Kingdom

sira
CERTIFICATION



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Manufacturer: **Redapt Engineering Co Ltd**
Unit 1
1 Kingsway South
Aldridge
Walsall WS9 8FS
United Kingdom

Additional Manufacturing
location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2007-10 Edition:5	Explosive atmospheres - Part 0:Equipment - General requirements
IEC 60079-1 : 2007-04 Edition:6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-7 : 2006-07 Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
IEC 61241-1 : 2004 Edition:1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

GB/SIR/ExTR06.0027/01
GB/SIR/ExTR12.0081/00

GB/SIR/ExTR08.0167/01

GB/SIR/ExTR10.0221/00

Quality Assessment Report:

GB/SIR/QAR06.0014/00
GB/SIR/QAR06.0014/03

GB/SIR/QAR06.0014/01
GB/SIR/QAR06.0014/04

GB/SIR/QAR06.0014/02



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

This certificate covers the following ranges of Adaptors, Reducers and Stopping Plugs, for a full description of the products and applicable marking, refer to the Annexe in this certificate:

AD-U series of adaptors

RD-U series of reducers

AE-E series of adaptors and reducers

AR-D series of adaptors and reducers

AM-D series of adaptors and reducers

AF-U series of adaptors and reducers

PD-U series of stopping plugs

PA-D and PB-D series of stopping plugs

PD-E-4 Nylon stopping plugs

CONDITIONS OF CERTIFICATION: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1 – this Issue introduced the following changes:

- 1 It was recognised that the supporting Sira report was modified to introduce minor text amendments and to correct the list of certified products, consequently, the ExTR issue level has changed.

Issue 2 – this Issue introduced the following changes:

- 1 Following appropriate re-assessment to demonstrate compliance with the requirements of the latest, appropriate EN 60079 and EN 61241 series of standards, the documents originally listed, see issue 1, were replaced by those currently listed, the markings were updated accordingly and the conditions were modified to recognise the requirements of the latest standards.

Issue 3 – this Issue introduced the following change:

- 1 Re-Issued to amend the special points for noting and allow ExTR GB/SIR/ExTR08.0167/01 to replace GB/SIR/ExTR08.0167/00

Issue 4 – this Issue introduced the following changes:

- 1 The introduction of the PD-E-4 range of Glass Filled Nylon stopping plugs. Refer to the Annexe for the description

Issue 5 – this Issue introduced the following change:

- 1 The applicant has advised us that their address has been changed from Units 46 & 47, Darlaston Central Trading Estate, Salisbury Street, Darlaston, West Midlands WS10 8XB to that currently shown

Annex:

[IECEx SIR 05.0042U Annexe Iss5.pdf](#)