



1 **EC TYPE-EXAMINATION CERTIFICATE**

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

3 Certificate Number: Sira 99ATEX3116U

4 Component: AD-E-4 Series Adaptors and RD-E-4 Series Reducers

5 Applicant: Redapt Ltd

6 Address: Units 46 & 47  
Darlaston Central Trading Estate  
Salisbury Street  
Darlaston  
WS10 8XB

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

8 Sira Certification Service, notified body number 0518 in accordance with Article 9 of Directive 94/9/EC of 23 March 1994, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of component intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report number R51X5208B.


9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 50014:1997 (amendments 1 & 2)  
EN 50019:1994  
EN 50281-1-1:1998

10 The sign 'U' is placed after the certificate number to indicate that the product assessed is a component and may be subjected to further assessment when incorporated into equipment. Any special conditions for safe use are listed in the schedule to this certificate.

11 This EC type-examination certificate relates only to the design and construction of the specified component. If applicable, further requirements of this Directive apply to the manufacture and supply of this component.

12 The marking of the component shall include the following:

 II 2 GD  
EEx e II

Re-issued 1 November 2000

To replace report number R51X5208A with R51X5208B and to correct the name of the material in the description.

Project Number 53V7330  
Date 2 August 2000  
Re-issued 1 November 2000  
C. Index 07

M D Shearman  
Certification Manager

This certificate and its schedules may only be reproduced in its entirety and without change

**Sira Certification Service**

Rake Lane, Eccleston, Chester, CH4 9JN, England  
Tel: +44 (0) 1244 670900 Fax: +44 (0) 1244 681330  
Email: exhazard@siratc.co.uk



**SCHEDULE**

**EC TYPE-EXAMINATION CERTIFICATE**

Sira 99ATEX3116U

13 **DESCRIPTION OF COMPONENT**

The AD-E-4 and RD-E-4 Series are ranges of 'Ex e' hexagonal bodied Durethan BKV NI 30% Glass Filled Nylon 6 adaptors or reducers. Each comprises a hollow body with an external male thread and an internal female thread. The devices are used to convert an existing cable entry aperture to a different thread form and/or size. The body may optionally be fitted with an 'O' ring seal. Thread combinations are such that minimum wall thickness should be maintained.

**Design Options:**

**Threadforms Options**

ISO Metric (to BS3463)  
PG to DIN40430  
NPT (ANSI/ASME B1.20.1)  
NPS (ANSI/ASME B1.20.1)  
ISO Pipe Thread (BS21) BSPP/BSPT  
Imperial conduit ET BS31  
BSP to BS21  
Any threadform conforming to Table 3 of BS EN 50018.

14 **DESCRIPTIVE DOCUMENTS**

Drawing No.	Rev.	Sheet	Date	Title
99-E-NAR1	1	1 of 1	-	EEx e II CERTIFIED G.F.N. ADAPTORS & REDUCERS
ATEX-01-PDM	1	1 of 1	22 Jun 00	MARKING ARRANGEMENTS FOR ATEX PRODUCTS

14.2 Report No. R51X5208B

15 **SPECIAL CONDITIONS FOR SAFE USE** (denoted by X after the certificate number)

None

16 **ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II** (EHSR'S)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in Report No. R51X5208B.

17 **CONDITIONS OF CERTIFICATION**

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

Date 2 August 2000  
Re-issued 1 November 2000

This certificate and its schedules may only be reproduced in its entirety and without change

**Sira Certification Service**

Rake Lane, Eccleston, Chester, CH4 9JN, England  
Tel: +44 (0) 1244 670900 Fax: +44 (0) 1244 681330  
Email: exhazard@siratc.co.uk

Sira Certification Service is a service of Sira Test & Certification Ltd