



EC - TYPE EXAMINATION CERTIFICATE

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

- 3 EC - Type Examination Certificate Number: **Baseefa09ATEX0188X**
- 4 Equipment or Protective System: **ABAD and ABRE Range of Thread Adaptors & Reducers**
- 5 This certificate is held by: **Abtech Limited**
- 6 Address: **Sanderson Street, Lower Don Valley, Sheffield, S9 2UA**
- 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 Baseefa, Notified Body number 1180, 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 Report No. GB/BAS/ExTR09.0126/00
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0: 2006, EN 60079-1: 2004, EN 60079-7: 2003, IEC 61241-0: 2006, IEC 61241-1: 2004
except in respect of those requirements listed at item 18 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 and construction of the specified equipment or protective system. 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 2GD Ex d IIC Ex e II Ex tD A21 IP66

This certificate may only be reproduced in its entirety, without any change, schedule included.


Baseefa Customer Reference No. 6376

Project File No. 09/0435

This certificate is granted subject to the general terms and conditions of Baseefa. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa

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R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



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Schedule

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Certificate Number Baseefa09ATEX0188X

15 Description of Equipment or Protective System

A Range of Thread Adaptors & Reducers

The ABAD range of thread adaptors and ABRE range of thread reducers are manufactured in nickel plated brass and may be supplied in metric or NPT threadforms. The internal and external thread sizes may vary between M16 and M85 (or NPT equivalent) with the female thread being either smaller, or up to three sizes larger, than the male.

16 Report Number

GB/BAS/ExTR09.0126/00

17 Special Conditions for Safe Use

1. If the adapters are intended for use with increased safety (Ex e) or dust tight (Ex tD) enclosures, the threads should be sealed to maintain an IP 54 or IP6X respectively in accordance with EN 60079-14.
2. Only one thread adaptor is permitted for each cable entry, blanking elements shall not be used with adaptors.

18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 Drawings and Documents

Number	Issue	Date	Description
ABT20088	A	02/07/09	Certification marking – ABAD adaptors & reducers
Baseefa08ATEX0019X	--	28/01/08	A Range of Thread Adaptors & Reducers