



1 **TYPE EXAMINATION CERTIFICATE**

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

3 Type Examination Certificate Number: **Baseefa04ATEX0040X**

4 Equipment: **A Range of Single Ended Beam Load Cells Type ACB**

5 Manufacturer: **Revere Transducers Europe BV**

6 Address: **Ramshoorn 7, Breda, NL-4824AG, The Netherlands.**

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

8 Baseefa (2001) Ltd. certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment of Category 3 intended for use in potentially explosive atmospheres given in Annex II to European Union Directive 94/9/EC of 23 March 1994.

The examination and test results are recorded in confidential Report No. **03(C)0942**

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 50021: 1999

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 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 3G EEx nA II T6 (-20°C ≤ T_a ≤ +40°C)

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

Baseefa (2001) Ltd. Customer Reference No. **5208**

Project File No. **03/0942**

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa (2001) Ltd.

Health and Safety Laboratory Site, Harpur Hill,
Buxton, Derbyshire SK17 9JN

Telephone +44 (0) 1298 28255 Fax +44 (0) 1298 28216

e-mail info@baseefa2001.biz web site www.baseefa2001.biz

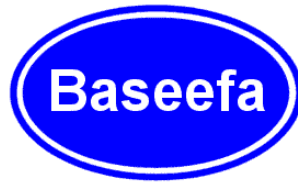
Registered in England No. 4305578 at 13 Dovedale Crescent, Buxton,
Derbyshire, SK17 9BJ

R S SINCLAIR

DIRECTOR

On behalf of

Baseefa (2001) Ltd.



13

Schedule

14

Certificate Number Baseefa04ATEX0040X

15 Description of Equipment

The Range of Single Ended Beam Load Cells Type ACB is designed to support a range of loads from 250Kg to 5000Kg and to provide an electrical output proportional to the applied load.

The load cells comprise a stainless steel beam, which incorporates a number of bonded strain gauge elements interconnected in a bridge arrangement along with encapsulated compensation and calibration components, mounted behind a welded cover. The load cells are supplied with a 50m max. integral cable for connection to a supply and measurement system.

$$U_i = 25V$$

16 Report Number

03(C)0942

17 Special Conditions for Safe Use

1. Provision must be provided externally to ensure that the rated voltage is not exceeded in service.
2. The integral cable shall be terminated either in a safe area or in a suitably certified enclosure which provides protection suitable for the area of installation.

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	Sheet	Issue	Date	Description
899186	1	-	26/05/2004	General Assembly ACB (Bending) 250Kg Load Cells
899186	2	-	26/05/2004	General Assembly ACB (Shear) Load Cells
899186	3	-	23/12/2003	Outline (Bending) 250Kg ACB Load Cells
899186	4	-	19/02/2004	Outline (Shear) ACB Load Cells
899142	1	A	24/01/2000	Rectangular p.c.b.
899142	2	A	24/01/2000	Rectangular p.c.b.
899188	1	-	22/12/2003	p.c.b. Track layout ACB Load Cells
899188	2	-	22/12/2003	p.c.b. Track layout ACB Load Cells
E-490013	1	-	10/03/2004	Certification Label ACB Load Cells
E-490002	1	A	30/01/2001	Name Plate Label ACB Load Cells
E-490015	1	-	27/04/2004	Certification Labels ACB Load Cells I.S., nA & D

These drawings are held with Baseefa04ATEX0039