

# Certificate



No: ATEX 506564X

Issued to:

**Habonim Industrial Valves**  
Kfar Hanassi  
12305  
Israel



In respect of:

**Compact II range of air operated actuators; (spring return (SR) & double acting (DA), sizes C15 to C75)**

A sample of product has been tested and found to be in conformity with EN13463-1:2001 & EN13463-5:2003 as shown in report reference no: 239/4816073. In compiling the report, the requirements of Annex VIII of the ATEX Directive 94/9/EC were taken into consideration.

Alastair Trivett, Managing Director, BSI Product Services – Global

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## ADDITIONAL INFORMATION

This certificate is the result of test and assessment of a sample of the product submitted, in accordance with the provisions of the relevant specific standard(s), and assessment of supporting technical documentation. It does not imply an assessment of the whole production.

The manufacturer of the equipment referred to in this certificate has the responsibility to ensure that the apparatus conforms to the specifications laid down in this certificate, that the internal control of production requirements of the Directive are satisfied and that the conditions for manufacturing and special conditions of safe use referred to herein are adhered to.

## GENERAL DESCRIPTION OF EQUIPMENT INCLUDED WITHIN THE SCOPE OF THIS CERTIFICATE

The Compact II range of air operated actuators is for installation in potentially explosive atmospheres, where actuation of a valve is required. The unit is intended to be sited in Zone 1 and/or Zone 21 atmospheres.

## LIST OF APPROVED DRAWINGS

Number	Rev	Pages	Date	Description
C25-SR-Explode	HB	1	04 Feb 04	Spring Return (SR) Actuator
C25-DA-Explode	HB	1	04 Feb 04	Double Acting (DA) Actuator
Beacon-Surface-Area	HA	1	10 Feb 04	Indicator and Puck
C15-C75-Dimensions	HA	1	28 Mar 05	Dimensional Views
CE-ATEX-Label-Cat2	HB	1	28 Jun 07	Label

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## CONDITIONS FOR MANUFACTURE

1. Manufacturer shall ship with each unit Instructions that include all requirements of EHSR 1.0.6 of Annex II of 94/9/EC. The instructions shall implicitly state the conditions for safe use and specify the maximum surface temperature for use with dust atmospheres.
2. Manufacturer shall make instructions available in other EU Community languages when requested to do so.

## SPECIAL CONDITIONS FOR SAFE USE

1. When connected to an air actuator the maximum rubbing speed of any component within the valve must not exceed 1 m/s.
2. The ambient temperature range for which the equipment is suitable is dependant on the materials of construction and the pressure at which they are to be used. Maximum withstand pressure is included within the Pressure Equipment Directive (PED) marking. Each piece of equipment has a lower ambient temperature value that is stated within the documentation provided with each individual item.
3. Dust layers shall not be allowed to build up on the equipment. Process fluid temperatures shall not approach the layer ignition temperature (LIT) or cloud ignition temperature (CIT) of the dust atmosphere in which the equipment is to be used with a degree of safety of 50K (e.g. for dust atmospheres with LIT=CIT= 400°C, the process fluid must not exceed 350°C).
4. Pressurised air supplied to this equipment shall be taken from a source known to be non-hazardous and free from ingress of foreign objects or liquids.
5. User shall ensure any Lubricating medium used has an auto-ignition temperature greater than 50k above the maximum surface temperature of installed equipment and be resistant to carbonization.

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