



(2) **Equipment intended for use in potentially explosive atmospheres
Annex VIII - Directive 94/9/EC**

(1) **TYPE EXAMINATION CERTIFICATE**

(3) Number of the type examination certificate: **INERIS 07ATEX3016X**

(4) Equipment:

Shut off and balancing damper TYPE UTG, UTT, UTK, UTP, BLD and BRD

(5) Manufacturer: **HALTON OY**

(6) Address: **pulttikatu 2
SF-15700 LAHTI**

(7) This equipment and any other acceptable alternative of this one are described in the annex of this certificate and the descriptive documents quoted in this annex.

(8) INERIS certifies that this equipment fulfils the Essential of Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres and submitted to the annex VIII of the Directive. The essential requirements are described in the annex VIII of the Directive 94/9/EC of the 23rd March 1994.

The examinations and the tests are consigned in confidential report No P90486/07.


(9) The respect of the Essential Health and Safety Requirements is ensured by:

- conformity with:

EN 13463-1	of	november	2001
EN 13463-5	of	december	2003



- specific solutions adopted by the manufacturer to meet the Essential Health and Safety Requirements described in the descriptive documents.

- (10) Sign X, when it is placed following the Number of the type examination certificate, indicates that this equipment is subjected to the special conditions for safe use, mentioned in the annex of this certificate.
- (11) This type examination certificate relates only to the design, examination and tests of the specified equipment in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment, these are not covered by this certificate.
- (12) The marking of the equipment will have to contain:

 II 2 G

c IIA, IIB, IIC T1..T6

Verneuil-en-Halatte, 2007 07 30

S. LEMAIRE

Project Manager at the ATEX Equipment
Evaluation Laboratory



Director of the Certifying Body,
By delegation
T. HOUeix
Certification Officer
Certification Division

(13)

ANNEX

(14)

TYPE EXAMINATION CERTIFICATE N° INERIS 07ATEX3016X

(15) DESCRIPTION OF THE EQUIPMENT

The shut off and balancing dampers are constituted of iron frame and blades moved by electrical or pneumatic actuators of a certified category II2G type. They allow the air flow regulation in the ventilation piping.

The fireproofness is not covered.

The equipment is not designed to stop an explosion.

PARAMETERS RELATING TO THE SAFETY

Damper open/close maximum speed: 1 meter per second

Limitation of surface areas of gasket: 80 cm² for IIC group and 400 cm² for IIA and IIB groups.

Maximum air flow temperature < Maximum authorized temperature for the considered class of temperature.

MARKING

Marking has to be readable and indelible; it has to include the following indications:

HALTON OY

SF-15700 LAHTI

UTG, UTT, UTK, UTP, BLD or BRD

INERIS 07ATEX3016X

(Serial number)

(Year of construction)



II 2 G

c IIA or IIB or IIC T*

*temperature class T1 to T6, conditional upon temperature class of assembled certified equipment and air flow temperature. T6 without assembled certified equipment and air flow temperature below 65°C.

Marking may be carried out in the language of the country of use.

The equipment has also to carry the marking normally stipulated by its construction standards.

ROUTINE EXAMINATIONS AND TESTS

None.

(16) DESCRIPTIVE DOCUMENTS

The descriptive documents quoted hereafter constitute the technical documentation of the equipment, subject of this certificate.

- Descriptive notice UTG ATEX (13 pages + 9 appendix) rev. 1 dated on 2007.04.11 and signed on 2007.04.16.
- Descriptive notice UTT ATEX (11 pages + 9 appendix) rev. 0 dated on 2007.05.28 and signed on 2007.05.31.
- Descriptive notice UTP ATEX (10 pages + 9 appendix) rev. 0 dated on 2007.04.27 and signed on 2007.05.31.
- Descriptive notice UTK ATEX (11 pages + 9 appendix) rev. 0 dated on 2007.05.28 and signed on 2007.05.31.
- Descriptive notice BLD § BRD ATEX (9 pages + 2 appendix) rev. 0 dated on 2007.04.27 and signed on 2007.05.31.

(17) SPECIAL CONDITIONS FOR SAFE USE

The user will have to make sure that the damper's installation takes into account the electrical continuity.

(18) ESSENTIAL SAFETY AND HEALTH REQUIREMENTS

The respect of the Essential Health and Safety Requirements is ensured by:

- Conformity to the European standards EN 13463-1 and EN 13463-5.
- All provisions adopted by the manufacturer and defined in the descriptive documents.

ADDITION

(3) INERIS 07ATEX3016X/01

(4) SHUT-OFF AND BALANCING DAMPER TYPE UTG, UTT, UTX, UTP, UTN, BLD and BRD

(5) Made by HALTON OY

(15) PURPOSE OF THE ADDITION




- Addition of the damper UTN and UTX.
- Abandon of the damper UTK.
- Conformity to standards EN 13463-1: 2009 and EN 13463-5: 2011.
- Modification of manufacturer name: HALTON OY becomes Halton MARINE Oy.
- New possible categories: II2/3G or II2/-G.

PARAMETERS RELATING TO THE SAFETY

The parameters relating to the safety are unchanged.

MARKING

The marking is modified as follows:

Halton MARINE Oy
15700 LAHTI, FINLAND
UTG, UTT, UTX, UTP, UTN, BLD or BRD
INERIS 07ATEX30016X
(Year of construction)
(serial number)
 II 2 G or  II 2/3 G or  II 2/- G
c IIA or IIB or IIC T*

*temperature class T1 to T6, conditional upon temperature class of assembled certified equipment and air flow temperature. T6 without assembled certified equipment and air flow temperature below 65°C.

Marking may be carried out in the language of the country of use.

The equipment has also to carry the marking normally stipulated by its construction standards.

ROUTINE EXAMINATIONS AND TESTS

None.

(16) DESCRIPTIVE DOCUMENTS

The descriptive documents quoted hereafter constitute the technical documentation describing the modification of the equipment, subject of this present addition.

- Descriptive notice n°UTX ATEX (33 pages) rev. 00 dated on 2013.08.08 and signed on 2013.08.13.
- Descriptive notice n°UTT ATEX (33 pages) rev. 02 dated on 2013.08.12 and signed on 2013.08.13.
- Descriptive notice n°BLD § BRD ATEX (28 pages) rev. 01 dated on 2013.08.08 and signed on 2013.08.13.
- Descriptive notice n°UTP ATEX (31 pages) rev. 01 dated on 2013.08.08 and signed on 2013.08.13.
- Descriptive notice n°UTN ATEX (33 pages) rev. 03 dated on 2013.08.12 and signed on 2013.08.13.
- Descriptive notice n°UTG ATEX (32 pages) rev. 02 dated on 2013.08.08 and signed on 2013.08.13.

(17) SPECIAL CONDITIONS FOR SAFE USE

The special conditions for safe use are unchanged.

(18) ESSENTIAL SAFETY AND HEALTH REQUIREMENTS

The respect of the Essential Health and Safety Requirements is unchanged.

Verneuil-en-Halatte, 2013.10.07
Dominique CHARPENTIER
Certification Division
Manager



The Chief Executive Officer of INERIS
By delegation
T. HOUEIX
Ex Certification Officer