

1. **TYPE EXAMINATION CERTIFICATE**

2. **Equipment or Protective System Intended for use in Potentially explosive atmospheres
Directive 2014/34/EU**

3. Type Examination Certificate Number: **EESF 20 ATEX 038X Issue 3**

4. Product: **Damper**

Certified types: **UTA, UTG, BLD and BRD**

5. Manufacturer: **Halton Marine Oy and Halton Ventilation (Shanghai) Co. Ltd.**

6. Address: **Pulttikatu 2, 15700 Lahti, FINLAND**

Additional manufacturing locations:

**Halton Ventilation (Shanghai) Co., Ltd. Block 7, No. 55 Feidu Road,
Lingang New City, Pudong New District, 201306 Shanghai
People's Republic of China**

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

8. Eurofins Electric & Electronics Finland Oy, Certification Body No. S063 accredited by the Finnish Accreditation Service (FINAS), certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive 2014/34/EU of February 2014.

The examination and test results are recorded in confidential report No. EUFI29-19005374-T2.

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

EN ISO 80079-36:2016

EN ISO 80079-37:2016

10. If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

11. This Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12. The marking of the product shall include the following:

UTA and UTG:



II 2G Ex h IIA, IIB, IIC T6...T3 Gb
II 3G Ex h IIA, IIB, IIC T6...T3 Gc

BLD and BRD:



II 2G Ex h IIA, IIB, IIC T6...T3 Gb
II 2D Ex h IIIC T85 °C...T200 °C Db
I M2 Ex h I Mb

Espoo, 04.02.2025

Eurofins Electric & Electronics Finland Oy

Kari Koskela
Senior Expert

Karo Ovaska
Expert

This document is digitally signed.

13. **Schedule**

14. **Type Examination Certificate EESF 20 ATEX 038X Issue 3**

15. **Description of Product**

UTA

Halton UTA dampers are used to shut-off or regulate air flow in duct work. Dampers meet international standards for rectangular and round ducts. In the open position, the blades face the direction of flow and do not cause a significant pressure loss. The UTA is used as a shut-off damper in applications where gas tightness and reliability are important. The damper can be fitted with manual, pneumatic or electrical actuating mechanism.

UTG

Halton UTG dampers are used to shut-off and balance airflow rates in high pressure ductworks. Dampers meet international standards for rectangular and round ducts. In the open position, the blades face the direction of flow and do not cause a significant pressure loss. The UTG is used as a shut-off, gas and balancing damper in applications where tightness and reliability are important.

BLD

Halton BLD non-return dampers are used in offshore and marine applications to prevent backflow through ventilation ductwork system. The BLD dampers do not need an actuator or motor. Non-return dampers can be installed in rectangular or circular ducts, horizontally or vertically. If required, they can easily be set by adjusting the weight of each damper/installation. When the blades are in the open position, the device does not cause significant pressure loss, noise or flow disturbance.

BRD

Halton BRD pressure-relief dampers are used in offshore and marine applications to regulate the pressure in the ductwork system. The Halton pressure relief dampers do not need an actuator or motor. The BRD dampers can be installed in rectangular or circular ducts horizontally or vertically. The damper is in closed position when the pressure in the duct is lower than the adjusted opening pressure. Opening pressure can easily be set by adjusting weight of each damper/installation. Weights are included in the delivery. Pressure relief dampers can be supplied with non-standard dimensions on request.

16. **Report Number:** EUFI29-19005374-T2

17. **Specific Conditions of Use**

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

With approved components, ambient temperature range:

UTA, UTG not wider than - 60 ≤ Tamb ≤ 80 °C.

BLD, BRD not wider than - 60 ≤ Tamb ≤ 200 °C.

Temperature class T3/T4 to T6, conditional upon temperature class of assembled certified equipment and air flow temperature. T6 without assembled certified equipment and air flow temperature below 80 °C.

18. **Essential Health and Safety Requirements**

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

19. **Drawings and Documents**

Drawings and documents are listed in the confidential report.

20. **Certificate History**

Issue	Date	Report No.	Change
-	25.3.2020	EUFI29-19005374-T1	Prime certificate
Issue 2	11.11.2024	EUFI29-19005374-T2	Added: II 3 G Ex h IIA, IIB, IIC T6...T4 Gc Updated manufacturing address of China
Issue 3	04.02.2025	EUFI29-19005374-T3	Product name updated