



In accordance with EC NOTICE TO STAKEHOLDERS  
WITHDRAWAL OF THE UNITED KINGDOM AND EU RULES IN  
THE FIELD OF INDUSTRIAL PRODUCTS dated 13 March 2020

This issued certificate - Certificate No: ITS14ATEX18071X

and supporting Technical Construction File underwent a legal transfer of new ownership by signed agreement between the named applicant on this certificate and the 3<sup>rd</sup> party bodies involved in the transfer from NB0359 to NB2575 on 31 December 2020



## SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE

- 1.
2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**
3. **EC-Type Examination Certificate Number:** ITS14ATEX18071X/1
4. **Equipment or Protective System:** EVO II Fuel Throttle Valve
5. **Manufacturer:** Heinzmann UK Ltd
6. **Address:** Stanley House, Wallis Road, Skippers Lane Ind Estate, Middlesbrough, Cleveland, TS6 6JB, UNITED KINGDOM
7. This supplementary certificate extends EC-Type Examination Certificate Number ITS14ATEX18071X to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said Certificate but having variations specified in the Schedule attached to this certificate and the documents therein referred to.

Name: Maurizio Messeri  
Position: ATEX Certification Officer  
Signature:   
Date: 31 December 2020


Intertek Report Ref 102461415CHE-001 Dated: March 2016

This Supplementary Certificate shall be held with the original Certificate(s).

ITS14ATEX18071X dated 19 December 2014

Intertek Testing & Certification Limited  
Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB  
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Registered No 3272281 Registered Office: Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ.

  
P Moss  
Certification Officer  
07 March 2016

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## SCHEDULE

### SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS14ATEX18071X/1

#### VARIATION ONE

Description of the Variation to the Equipment or Protective System.

To permit the following change(s): -

- Additional EVO II-HT model (Suitable for use in a -20°C to +85°C ambient).

#### Report No.:

Intertek Report Ref.: 102461415CHE-001 Dated: March 2016

Following changes have amended the Equipment or Protective System marking/description:

#### Product description:

The EVO II and EVO II-HT Fuel Throttle Valve is a precise positional servo control system which has an accurate digital position feedback and can be connected to varying gas fuel valves. The digital algorithm control is designed to deliver a precise gas fuel flow under varying ambient conditions. The system is housed in a cylindrical Ex d enclosure measuring approximately 210m Ø and 310mm in length manufactured from aluminium and steel, with the equipment extending beyond this when fitted to a valve, coupling and valve support frame. The equipment has a single operating rod that controls the fuel valve which rotates through 90° when in use. The system also utilises four component certified pressure sensors covered by KEMA05ATEX2240X fitted and used in accordance with their certification and also a certified Ex d connector covered by BAS00ATEX2117X (EVO II only) that is installed for connection to a computer for programming and maintenance. Four M20 threaded entries are provided for instillation of certified cable glands and electrical connections and a threaded cover is used to gain access to the terminal connections which is additionally secured by a hex head grub screw. Internal and external earthing points are provided.

#### Coding:

EVO II:

II 2 G Ex d IIB T4 Gb  
-20°C ≤ Ta ≤ +60°C

EVO II-HT:

II 2 G Ex d IIB T4 Gb  
-20°C ≤ Ta ≤ +85°C

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## SCHEDULE

### SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS14ATEX18071X/1

#### Conditions of Certification:

##### (a). Special Conditions for safe use

- Only suitably certified Ex d IIB Gb minimum blanking elements to be used.
- Only suitably certified Ex d IIB Gb minimum cable glands to be used.
- Only the bulkhead socket may remain energized after separation. The plug must be de-energized.
- The bulkhead socket must have a socket cap fitted immediately after separation and remain fitted at all times, unless the plug and socket is installed within an enclosure affording a minimum degree of protection of IP54.
- No modifications must be made to the flamepaths of the enclosure without consultation to the manufacturer's drawings.
- Use only hex socket head fasteners as defined in drawing HUK2098C with yield stress of 241MPa for securing end covers.
- The external earth is installed via a threaded bar. This threaded bar is not intended to be fully tightened into the threaded hole supplied. End user shall ensure one full thread remains free at the base of the hole at all times. To aid in achieving this the threaded hole is 12mm deep with 1mm pitch, as such the threaded bar shall not engage into this hole beyond 11mm.
- For the EVO II-HT, temperatures could exceed 70°C at the cable gland or 80°C at the branching point. Therefore suitably rated cables for use above 90°C are required to be used.

##### (b). Conditions of Manufacture

- None

#### Essential Health and Safety Requirements (EHSR's)

See original certificate, the listed change to the Equipment or Protective System has not altered compliance.

#### Drawings and Documents

Title	Drawing No.:	Rev. Level:	Date:
EVO II GAS FUEL THROTTLE VALVE – BOTTOM FLANGE (HIGH TEMP)	HUK2293	4	26 AUGUST 2010
EVO II-HT GAS FUEL THROTTLE VALVE – SERIAL NUMBER LABEL	HUK2341-Ex	-	21 MAY 2014

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