

CERTIFICATE

(1) **Type Examination**

(2) **Product intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) Type Examination Certificate Number: **DEKRA 15ATEX0062** Issue Number: **3**

(4) Product: **Aerosol extinguishing generators, Types DSPA 8-1, DSPA 8-2, DSPA 11-1, DSPA 11-2, DSPA 11-3, DSPA 11-4, DSPA 11-5, DSPA 11-6, DSPA 11-7, DSPA 12-1, DSPA 12-2, DSPA 12-3, DSPA 12-4, DSPA 12-5, DSPA 17-1, DSPA 8-1-60, DSPA 2-4-1, DSPA 0.90-2 and DSPA 0.45-2**

(5) Manufacturer: **DSPA b.v.**

(6) Address: **Hulzenseweg 20, 6534 AN Nijmegen, The Netherlands**

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

(8) DEKRA Certification B.V., 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 Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014.

The examination and test results are recorded in confidential test report no. 218316400 issue 3.

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

EN 1127-1 : 2011

EN 60079-0 : 2012

EN 60079-15 : 2010

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 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 and not to the manufacturing process and its monitoring.

(12) The marking of the product shall include the following:



II 3 G

Ex nA IIC T3 Gc

Date of certification: **24 January 2022**

DEKRA Certification B.V.

R. Schuller
Certification Manager

(13) **SCHEDULE**

(14) **to Type Examination Certificate DEKRA 15ATEX0062**

Issue No. 3

(15) **Description**

The DSPA aerosol extinguishing generators are intended to be located in a hazardous area classified as Zone 2. The generators are connected to a control unit located in a non-hazardous area. The generators are activated by the control unit based on input signals received from separately certified sensors (for example smoke detectors) that are also located in Zone 2.

Ambient temperature range -40 °C to +75 °C.

Electrical data

The generators are electrically energized only if the sensors provide an alarm signal to the control unit and the control unit activates the generators.

Activation parameters of the electrical ignition device:

- Activator bridge resistance: 0,4 to 0,8 Ohm
- Max. test current: 0,45 A
- Series circuit firing current: 1,3 A for 10 ms

Installation instructions

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

No. 218316400 issue 3.

(17) **Specific conditions of use**

None.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. 218316400 issue 3.