1. # UNIT ASSESSMENT CERTIFICATE

2. ## ARTIDOR 26ATEX9999 X

3. We, Artidor Explosion Safety B.V., Emopad 38, 5663 PB Geldrop, The Netherlands, herewith declare that:

4. **Apparatus:** **Explosion-safe Time lapse camera**
   Type: **AR-027/001**
   Power supply: **6 V DC**
   Quantity: **1 piece**
   Lot No.: **AS269999**

5. has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to European directive 2014/34/EU.

6. Compliance with the Essential Health and Safety Requirements for group II, category 3GD equipment has been assured by compliance with the following harmonized standards:

   - **EN 60079-0:2018**
   - **EN 60079-15:2010**
   - **EN 60079-31:2014**

7. The design and the results of the examination and tests carried out are documented in confidential technical construction file No. AS269999, held at the offices of Artidor Explosion Safety B.V.

8. If the sign “X” is placed after the certificate number, it indicates that the equipment is subject to the specific conditions for use as described in this declaration.

9. The marking of the equipment includes the following:

   II 3 G Ex nR IIC T6 Gc
   II 3 D Ex tc IIIC T80°C Dc

10. This certificate only relates to the examination and tests according to European directive 2014/34/EU and to the equipment of the above mentioned type, lot number and Ex marking.

11. Production is controlled by the Artidor Quality Assurance system in accordance with ISO 9001:2015 and annex VIII of European directive 2014/34/EU.

12. This certificate does not imply that the apparatus meets all statutory requirements in any particular industry or circumstance.

13. The ambient temperature allowed is +0 °C to +45 °C.

Example

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14. Description

The AR-027 Time lapse camera consists of a metal "nR" housing containing the camera connected to an integrated battery pack. The housing is provided with an impact resistant polycarbonate window.

After assessment and testing we have found that the housing meets the requirements of restricted breathing "nR". The housing amongst others meets the requirement of a 6 minutes minimum time interval for the internal pressure of 3 kPa below atmospheric to increase to 1,5 kPa below atmospheric. Consequently, the apparatus is not equipped with a provision for routine checking of the restricted breathing properties.

The surface resistance of the polycarbonate window is higher than 10^9 Ohm. A warning is attached to the outside to draw attention to the risk of electrostatic charge.

Throughout the prescribed tests, which were carried out under the requisite conditions, the housing surface temperature at no time exceeded the maximum temperature related to the T6 temperature class, corrected for the maximum ambient temperature specified in the rating and the 5 ºC margin for type testing as mentioned in the standard.

15. **Specific conditions for use**

1. The protection degree against ignition Restricted Breathing has been applied to the apparatus. The enclosure may not be opened if the AR-027 Time lapse camera is activated and in hazardous area.
2. To avoid electrostatic charge clean with a damp cloth only. Do not use solvents.

Geldrop, 24 August 2026

F. Hartman
QA Manager and EX Authorized Person

Example

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