



SUPPLEMENTARY EU-TYPE EXAMINATION CERTIFICATE

- 1 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres.
Directive 2014/34/EU
- 2 Supplementary EU-Type Examination Certificate Number **LOM 12ATEX2004/6** issue **1**
- 3 Product Flashlight
Type ADALIT L-5* / IL-3*
- 4 Manufacturer Adaro Tecnología, S.A.
- 5 Address Parque Científico Tecnológico de Gijón -EDIFICIO ADARO
Jimena Fernández de la Vega, 38
33203 Gijón- Asturias
SPAIN
- 6 This supplementary certificate extends EC Type Examination Certificate No. LOM 12ATEX2004 to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.
- 7 Laboratorio Oficial J.M. Madariaga (LOM), Notified Body number 0163 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that the product, as modified by this supplementary certificate, 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. The examination and test results are recorded in confidential Report No. **16.828G**
- 8 In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

| | | | |
|-----------|--------------------------|------------------|------------------|
| Standards | EN 60079-0:2012/A11:2013 | EN 60079-11:2012 | EN 60079-26:2015 |
|-----------|--------------------------|------------------|------------------|
- 10 The marking of the product shall include the following:
See schedule

Getafe,

Certification Committee

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RPCER 25-17





LABORATORIO OFICIAL J. M. MADARIAGA

13 SCHEDULE

14 Supplementary EU-Type Examination Certificate Number **LOM 12ATEX2004/6**

15 Description of the variation to the product

This certificate supplement aims to establish and clarify the different variants of the product.
Electronic control circuits are reviewed and updated.

| Variant ADALIT | Description | Marking |
|----------------|--|---|
| L-5 | Flashlight powered by alkaline battery with anti-static yellow enclosure |  II 1G Ex ia IIC T4 Ga II 1D Ex ia IIIC T85 °C Da |
| L-5R | Flashlight powered by Li-ION battery with anti-static yellow enclosure | |
| L-5POWER | Same as the L-5 variant with different control electronics | |
| L-5RPOWER | Same as the L-5R variant with different control electronics | |
| IL-3 | Flashlight powered by alkaline battery with orange enclosure |  II 2G Ex ia IIC T4 Gb II 2D Ex ia IIIC T85 °C Db |
| IL-3R | Flashlight powered by Li-ION battery with orange enclosure | |

16 Report number 16.828G

17 Specific conditions of use

None

18 Essential Health and Safety Requirements

Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 10.

19 Documents and drawings

Updated documents

| Number | Sheets | Issue | Date | Description |
|--------------|--------|-------|------------|--------------------|
| D-ADR-21-6-1 | 18 | 02 | 2016-12-20 | Technical dossier |
| 470A | 1 | 04 | 2012-03-21 | Enclosure drawing |
| 470B | 1 | 00 | 2014-02-24 | Enclosure drawing |
| 470C | 1 | 00 | 2015-02-24 | Enclosure drawing |
| 470D | 1 | 00 | 2016-11-08 | Enclosure drawing |
| 470E | 1 | 00 | 2016-11-08 | Enclosure drawing |
| 477A | 1 | 02 | 2016-12-15 | PCB drawing |
| 478 | 1 | 02 | 2016-12-16 | Marking drawing |
| 478B | 1 | 02 | 2016-12-16 | Marking drawing |
| 478C | 1 | 01 | 2016-12-16 | Marking drawing |
| 480 | 1 | 01 | 2016-12-16 | PCB drawing |
| 480A | 1 | 01 | 2016-12-15 | PCB drawing |
| 481 | 1 | 01 | 2016-12-15 | Electric schematic |
| 481B | 1 | 01 | 2016-12-15 | Electric schematic |
| 482B | 1 | 01 | 2016-12-15 | Electric schematic |
| 482E | 1 | 01 | 2016-12-16 | Electric schematic |
| EP-DF-11.3 | 1 | 4 | 2016-09 | User manual |
| EP-DF-14.3 | - | 1 | 2016-11 | User manual |
| EP-DF-19.2 | - | 1 | 2016-11 | User manual |