



LABORATORIO OFICIAL J. M. MADARIAGA

1.- EC TYPE EXAMINATION CERTIFICATE

2.- Pyrotechnic articles. Module B. Directive 2007/23/EC.

3.- EC Type Examination Certificate: LOM 12PIRO1537 (Rev.1)

4.- Pyrotechnic article:

- Category: 4.
- Generic type: Shell.
- Subtype: N/A.
- Variants: 34.
- Trade name & Reference: *See Annex, Point (A3).*

5.- Registration number: 0163-F4-1153

6.- Protocol number: LOM 12.304 GP.

7.- Manufacturer: JORGE Fireworks Sp. z o. o. Sp. k.

Address: UL. ZIELONOGÓRSKA 47. 66-016 CZERWIENSK (POLAND)

8.- The models of pyrotechnic included in the family, are specified in the Annex to this certificate and in the descriptive documents mentioned, as well as in the **Conformity Assessment Final Report**.

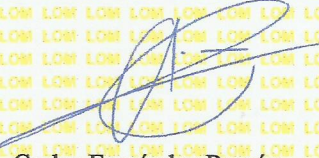
9.- Laboratorio Oficial J. M. Madariaga (LOM), Notified Body nº 0163, in compliance with Article 10 of the Directive 2007/23/EC of the European Parliament and the Council of 23 May 2007, **CERTIFIES** that:

- The models of products in the scope of this Certificate fulfil the Essential Safety Requirements stated in the Annex I of the Directive.

10.- The fulfilment of the Essential Safety Requirements has been assured by compliance with:

prEN 16261-2:2011, prEN 16261-3:2011 and prEN 16261-4:2011

Getafe, 30 January 2014


Carlos Fernández Ramón
Head of Certification Committee

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UNIVERSIDAD POLITÉCNICA DE MADRID
ENSAYOS E INVESTIGACIONES DE MATERIALES Y EQUIPOS PARA ATMÓSFERAS EXPLOSIVAS Y MINERÍA
(Real Decreto 334/1992 de 3 de Abril - BOE 1992-04-29)



Eric Kandel, 1 - 28906 Getafe (MADRID) • (34) 91 4421366 • (34) 91 4419933 • lom@lom.upm.es



LABORATORIO OFICIAL J. M. MADARIAGA

1.- EC TYPE EXAMINATION CERTIFICATE

2.- Pyrotechnic articles. Module B. Directive 2007/23/EC.

3.- EC Type Examination Certificate: **LOM 12PIRO1645 (Rev.1)**

4.- Pyrotechnic article:

- Category: 4.
- Generic type: Combination.
- Subtype: Battery.
- Elements: Shot tubes.
- Variants: 3
- Trade name & Reference: *See Point (A3), Table 1.*

5.- Registration number: **0163-F4-1239**

6.- Protocol number: **LOM 12.304 GP**

7.- Manufacturer: **JORGE Fireworks Sp. z o.o. Sp. k.**

Address: **UL. ZIELONOGÓRSKA 47. 66-016 CZERWIENSK (POLAND)**

8.- The models of pyrotechnic included in the family, are specified in the Annex to this certificate and in the descriptive documents mentioned, as well as in the **Conformity Assessment Final Report**.

9.- Laboratorio Oficial J. M. Madariaga (LOM), Notified Body nº 0163, in compliance with Article 10 of the Directive 2007/23/EC of the European Parliament and the Council of 23 May 2007, **CERTIFIES** that:

The models of products in the scope of this Certificate fulfil the Essential Safety Requirements stated in the Annex I of the Directive.

10.- The fulfilment of the Essential Safety Requirements has been assured by compliance with:

EN 16261-2:2013, EN 16261-3:2012 and EN 16261-4:2012

Getafe, 28 May 2014


Carlos Fernández Ramón
Head of Certification Committee

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LABORATORIO OFICIAL J. M. MADARIAGA

1. EC TYPE EXAMINATION CERTIFICATE

2.- Pyrotechnic articles. Module B. Directive 2007/23/EC.

3.- EC Type Examination Certificate: LOM 12PIRO1640 (Rev.1)

4.- Pyrotechnic article:

- Category: 4.
- Generic type: Combination.
- Subtype: Battery.
- Elements: Mines.

• Variants: 21.

• Trade name & Reference: See Point (A3), Table 1.

5.- Registration number: 0163-F4-1234

6.- Protocol number: LOM 12.304 GP.

7.- Manufacturer: JORGE Fireworks Sp. z o.o. Sp. k.

Address: UL. ZIELONOGÓRSKA 47. 66-016 CZERWIENSK (POLAND)

8.- The models of pyrotechnic included in the family, are specified in the Annex to this certificate and in the descriptive documents mentioned, as well as in the **Conformity Assessment Final Report**.

9.- Laboratorio Oficial J. M. Madariaga (LOM), Notified Body n° 0163, in compliance with Article 10 of the Directive 2007/23/EC of the European Parliament and the Council of 23 May 2007, **CERTIFIES** that:

— The models of products in the scope of this Certificate fulfil the Essential Safety Requirements stated in the Annex I of the Directive.

10.- The fulfilment of the Essential Safety Requirements has been assured by compliance with:
prEN 16261-2:2012, prEN 16261-3:2012 and prEN 16261-4:2012

Getafe, 3 November 2014


Carlos Fernández Ramón
Head of Certification Committee

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