

[1] SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE

[2] Supplementary EU-Type Examination Certificate Number: **2465.PYR.18.0007/01**

[3] Name of pyrotechnics article: **BOETTA II**

Type and category of
pyrotechnics article:

Other pyrotechnic articles, category P1

Generic type (subtype):

Smoke / aerosol generator (-)

Registration number:

2465-P1-18002

[4] Manufacturer:

Albatross s.r.l.

Address:

Viale A. Gramsci 13, 80122 Napoli, ITALY

[5] This product and any acceptable variation thereto is specified in the schedule to this certificate and documents therein referred to.

[6] Ex-Agencija, Notified Body number 2465 according to Article 21 of Directive 2013/29/EU of the European Parliament and of the Council, dated 12 June 2013, certifies that this product has been found to comply with the Essential Safety Requirements relating to the design and construction as defined in Annex I of the Directive.

The examination and test results are recorded in confidential report number: **EXA 18CR099**

[7] This EU-Type Examination Certificate relates only to the design, examination and test of the specified product according to Module B of the Directive. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

[8] This Supplementary shall be enclosed to EU-Type Examination Certificate Number 2465. PYR.18.0007, dated 17.04.2018.

Date: 20.12.2018.


PB.18.TC.1232

Prepared:


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Ex-Agencija
Department of explosive materials certification
Approved:


Marko Ružić, dipl.ing.mech.

SUPPLEMENTARY

EU - TYPE EXAMINATION CERTIFICATE Number: 2465.PYR.18.0007/01

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- Type and category of pyrotechnics article:** Other pyrotechnic articles, category P1
- Generic type (subtype):** Smoke / aerosol generator (-)

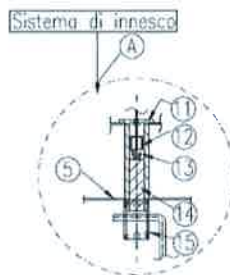
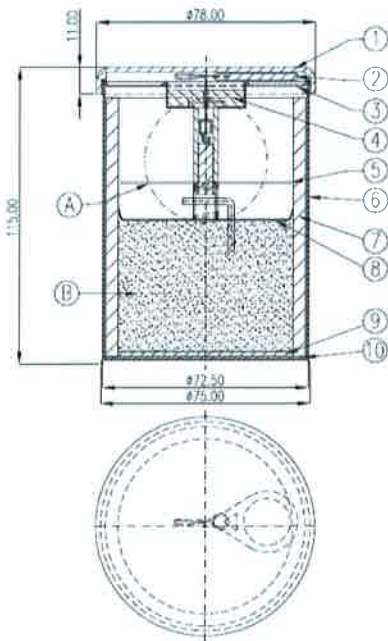
[A2] Description of pyrotechnics article:

The article is made of metal cylindrical tube (6) with $\varnothing_{int.} = 72,5$ mm and $\varnothing_{ext.} = 75,0$ mm. Height of the metal cylindrical tube (6) is 109,0 mm without and 115 mm with sealing cap (1). Inside the metal cylindrical tube is placed an ignition system (A) with NEC of 0,5 g. Ignition system consists of friction primer (12) (NEC=0,1 g), pyro delay (14) (NEC=0,4 g) and 189,5 g of smoke charge. Duration of the effect is min. 180 seconds, with 2 seconds of delay which is activated with the tear-off mechanism. Tear-off mechanism for activation consists of next parts: activation ring (2), ignition cap (4), ignition system (A).

The article is closed at the top by the sealing cap (1).

Total weight of pyrotechnic article reaches 390,0 g (190,0 g NEC and 200,0 g inert).

The main effect of this pyrotechnic article is emission of orange coloured smoke which occurs about 2 seconds after ignition and with duration of min. 180 seconds.



ID	COMPONENT
B	SMOKE CHARGE
1	SEALING CAP
2	ACTIVATION RING
3	EXTERNAL CYLINDRICAL TUBE COVER
4	IGNITION CAP
5	INTERNAL DIAPHRAGM
6	METAL CYLINDRICAL TUBE
7	CONTAINER FOR MIXTURE
8	PERFORATED COMPRESSION
9	MIXTURE CONTAINER CLOSURE DISC
10	WEIGHT BALANCE
A	IGNITION SYSTEM
11	TRIGGER CONTAINER
12	TRIGGER CLUTCH (FRICTION PRIMER)
13	CLOCK SPRING
14	PYRO DELAY
15	BLOCK SPRING



[A3] Documentation:

Title:	Drawing No.:	Rev. level:	Date:
Technical documentation for Boetta II orange smoke No. 06-12-2018	/	0	06.12.2018.

[A4] Specific Conditions for Use:**As specified by manufacturer:**

It is forbidden for sale to minors under 18 years.

Safe handling and functioning instructions:

- 1) Hold the smoke/aerosol generator with the hand and remove the lid (sealing cap).
- 2) Access to the striker (activation) ring. Pull the striker ring firmly.
- 3) Throw the smoke/aerosol generator overboard or on the ground. The smoke effect occurs after 2 seconds delay.

For outdoor use only.

Hazard zone is 1 m from the firing point.

Don't fire the article if you cannot clearly control the absence of people within the safe firing distance and/or the hazard zone.

Use of pyrotechnic article must be in a temperature range from -20 °C to + 50 °C.

Storage conditions:

Store in a dry conditions in a temperature range from -20 °C to + 50 °C.

Disposal:

After use, dispose the pyrotechnic article according to the national laws of the country where the article is used.

[A5] Marking:

- name of article, type of article, category,
- manufacturer details,
- net explosive content,
- CE mark with the identification number of the notified body, registration number,
- safe handling and functioning instructions with pictures and hazard zone, age limit
- batch number, date of production and expiry date.