

**EU-TYPE EXAMINATION CERTIFICATE**  
**according to Directive 2013/29/EU**  
**№.: PA 1395-0150/2019**

Name of article: FIRE X RECTANGLE

Derived variants: see Annex №. 1 of this certificate

Type of pyrotechnic article: Fireworks, Other pyrotechnic articles category P1 - smoke / aerosol generator

Subtype: pyrotechnic fire-fighting device

Registration number: 1395-P1-0150/2019

Manufacturer: FIRETECH GLOBAL  
510/377 Kent Street  
Sydney, NSW 2000  
AUSTRALIA

Applicant: FIRETECH GLOBAL  
510/377 Kent Street  
Sydney, NSW 2000  
AUSTRALIA

Notified body 1395 certifies, based on Government Ordinance №. 70/2015 Z. z. that the aforementioned article has been found to be in conformity with all relevant requirements of Directive 2013/29/EU.

Examinations and certifications of the submitted sample and technical documentation represent the base of the certificate issuance. The certificate cannot be used as a certificate for product where a change influencing conformity with the applied documents and provisions was done without approval of the Notified body 1395.

Basis for the certificate issuance: Final report №. PA 1395-0150/2019 of Apr 16, 2019.

The certificate is valid without temporal restrictions.

In Dubnica nad Váhom, date: Apr 16, 2019.



  
Ing. Daniel Nemček  
Director NB 1395

Note: The conformity assessment procedure is not completed by issuance of this certificate. The article(s) can be placed on the market/made available on the market after issuance of the certificate of the following module (C2, D, or E).

E-version of this document is digitally signed by persons whose name and function are depicted in the graphic form of the signature.

Annexes this certificate:

- №. 1 Characterization of the article(s)
- №. 2 Assessment of the ESR
- №.3 Final report of conformity of product
- №.4 Technical documentation of the article(s)

**ANNEX №. 1 OF CERTIFICATE №.: PA 1395-0150/2019**  
**Characterization of the article(s)**

<b>№.</b>	<b>Name of article</b>	<b>Dimension ± 10%</b>	<b>NEC ± 40%</b>	<b>Gross weight ± 20%</b>
1.	FIRE X RECTANGLE	186 mm x 106 mm x 50 mm	4,0 g	530,0 g
2.	FIRE X	OD = 146 mm	1,5 g	1 400,0 g
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21.				

In Dubnica nad Váhom, date: Apr 16, 2019.



Ing. Daniel Nemček  
Director NB 1395

**ANNEX №. 2 OF CERTIFICATE №.: PA 1395-0150/2019**  
**Assessment of the Essential Safety Requirements**


№. of ESR	Arrangement of assessment	Assessment
1	Verification of samples towards manufacturer's technical documentation and checking of performance accordance with EN 16263-2:2015 and EN 16263-4:2015.	+
2	Verification of samples towards manufacturer's technical documentation and checking of performance accordance with EN 16263-2:2015, EN 16263-4:2015 and EN 16263-5:2015.	+
3	Verification of samples towards manufacturer's technical documentation and checking of performance accordance with EN 16263-2:2015 and EN 16263-4:2015.	+
3 a)	Verification of samples towards manufacturer's technical documentation and checking of performance accordance with EN 16263-2:2015 and EN 16263-4:2015.	+
3 b)	Verification of samples towards manufacturer's technical documentation and checking of performance accordance with EN 16263-2:2015 and EN 16263-4:2015.	+
3 c)	Verification of samples towards manufacturer's technical documentation and checking of performance accordance with EN 16263-2:2015 and EN 16263-4:2015.	+
3 d)	Verification of samples towards manufacturer's technical documentation and checking of performance accordance with EN 16263-2:2015 and EN 16263-4:2015.	+
3 e)	Irrelevant, because manufacturer doesn't declare it.	N/A
3 f)	Irrelevant, because manufacturer doesn't declare it.	N/A
3 g)	Verification of samples towards manufacturer's technical documentation and checking of performance accordance with EN 16263-2:2015, EN 16263-4:2015 and EN 16263-5:2015.	+
3 h)	Verification of samples towards manufacturer's technical documentation and checking of performance accordance with EN 16263-2:2015 and EN 16263-5:2015.	+
3 i)	Verification of samples towards manufacturer's technical documentation and checking of performance accordance with EN 16263-2:2015 and EN 16263-4:2015.	+
3 j)	Verification of samples towards manufacturer's technical documentation and checking of performance accordance with EN 16263-5:2015.	+
4 a)	Verification of samples towards manufacturer's technical documentation in accordance with EN 16263-2:2015.	+

**ANNEX №. 2 OF CERTIFICATE №.: PA 1395-0150/2019**  
**Assessment of the Essential Safety Requirements**

<b>№. of ESR</b>	<b>Arrangement of assessment</b>	<b>Assessment</b>
4 b)	Verification of samples towards manufacturer's technical documentation in accordance with EN 16263-2:2015.	+
5.B.1	Verification of samples towards manufacturer's technical documentation and checking of performance accordance with EN 16263-2:2015 and EN 16263-4:2015.	+
5.B.2	Verification of samples towards manufacturer's technical documentation and checking of performance accordance with EN 16263-5:2015.	+
5.B.3	Verification of samples towards manufacturer's technical documentation and checking of performance accordance with EN 16263-2:2015 and EN 16263-4:2015.	+
5.B.4	Verification of samples towards manufacturer's technical documentation and checking of performance accordance with EN 16263-2:2015 and EN 16263-5:2015.	+

In Dubnica nad Váhom, date: Apr 16, 2019



  
Ing. Milan Zavacký  
Certification body of NB 1395

**ANNEX №. 3 OF CERTIFICATE №.: PA 1395-0150/2019**  
**Final report №.: PA 1395-0150/2019**

Appraisal of result of tests according to EN 16263-2:2015

<b>Number of article</b>	<b>Verification property</b>	<b>According to</b>	<b>Fulfilment</b>
4.1	Forbidden substances (EN 16263-1:2015 2.2.23)	TDS	+
4.2	Safe disposal	TDS	+
4.3	Means of ignition - protection	visual	+
4.3	Means of ignition - safety features	EN 16265:2015 5.5	+
4.3	Means of ignition - mechanical resistance of leading wires, all-fire and no-fire thresholds, electrical characteristics, ESD	EN 16265:2015 5.8.1, 5.8.2, 5.9, 5.11, 5.12	N/A
4.4	Safety features (mechanical test)	EN 16263-4:2015 5.7, 5.8	N/A
4.4	Safety features (electrostatic test)	EN 16263-4:2015 5.13.1.2	N/A
4.4	Safety features – protect against effect	EN 16263-4:2015 5.10.3.1, 5.6	N/A
4.5	Toxicity	TDS	N/A
5.1	Verification of performance - function	EN 16263-4:2015 5.10	+
5.1	Verification of performance - function after thermal and mechanical conditioning	EN 16263-4:2015 5.8	+
5.1	Verification of performance - function after expiry date	EN 16263-4:2015 5.10	N/A
5.1	Acoustic pressure level	EN 16263-3:2015, 6.2.3.6	N/A
5.2	Verification of design	EN 16263-4:2015 5.2, 5.3	+
5.3	Verification of labelling and user's documentation	EN 16263-5:2015 clause 4	+
5.4	Resistance to mechanical impact	EN 16263-4:2015:2015, 5.8	N/A
5.5	Loose pyrotechnic composition after mechanical conditioning	EN 16263-4:2015 5.6, 5.7 and 5.8	+

**ANNEX №. 3 OF CERTIFICATE №.: PA 1395-0150/2019**  
**Final report №.: PA 1395-0150/2019**

Number of article	Verification property	According to	Fulfilment
5.6	Resistance to moisture	EN 16263-4:2015 5.8	N/A
5.7	Resistance to high and low temperatures	EN 16263-4:2015 5.9	N/A
5.8	Integrity	EN 16263-4:2015 5.10	+
7	Primary pack - information	EN 16263-5:2015 clause 4	+
7	Primary pack - protection	EN 16263-5:2015 clause 4	+
7	Primary pack - protection after conditioning	EN 16263-5:2015 clause 4	+

Appraisal of result of tests according to EN 16263-5:2015


Number	Verification property	According to	Fulfillment
4.1 ÷ 4.11	Relevant data on the labelling	visual	+
4.12	Printing	EN 16263-4:2015, 5.14	+
4.13	Marking of very small items	visual	N/A

This final report was published on base of the test report №. CE90040 of Apr 9, 2019 which was handed over to the applicant together with the certificate.

Articles fulfill requirements of Directive 2013/29/EU.

In Dubnica nad Váhom, date: Apr 16, 2019.



  
Ing. Milan Zavacký  
Certification body of NB 1395