KONŠTRUKTA - Defence, a.s.
Lieskovec 575/25, 018 41 Dubnica nad Váhom Slovakia, Notified body 1395

EU-TYPE EXAMINATION CERTIFICATE

according to Directive 2013/29/EU

№.: PA 1395-0274/2018

Name of article:	Jupiter Red Hand Flare
Derived variants:	see Annex №. 1 of this certificate
Type of pyrotechnic article:	Fireworks, Other pyrotechnic articles category P1 - flare,
Subtype:	hand-held flare
Registration number:	1395-P1-0274/2018
Manufacturer:	Pyrotechnourgiki Ltd – Marine Signals Fireworks Eleonas Thivon PC 32200 Thiva Greece
Applicant:	Pyrotechnourgiki Ltd – Marine Signals Fireworks Eleonas Thivon PC 32200 Thiva Greece

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 1395-0274/2018 of Nov 7, 2018.

The certificate is valid without temporal restrictions.

In Dubnica nad Váhom, date: Nov 7, 2018.

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 1395-0274/2018
Characterization of the article(s)

№.	Name of article	Dimension ± 10%	NEC
1.	Jupiter Red Hand Flare	OD= 30 mm; H=223 mm	45 g
2.			
3.			
4.			
5.			
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18.			
19.			
20.			
21.			

In Dubnica nad Váhom, date: Nov 7, 2018.

Ing. Daniel Nemček
Director NB 1395

ANNEX №. 2 OF CERTIFICATE №.: PA 1395-0274/2018
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 1395-0274/2018
Assessment of the Essential Safety Requirements

№. of ESR	Arrangement of assessment	Assessment
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: Nov 7, 2018

AKREDITOVANÝ CERTIFIKAČNÝ ORGÁN CERTIFIKUJÚCI VÝROBKY, AO SKTC-112 KONŠTRUKTA-Defence, a.s. PŠS Lieskovec, Dubnica nad.

Ing. Milan Zavacký
Certification body of NB 1395

ANNEX №. 3 OF CERTIFICATE №.: PA 1395-0274/2018
Final report №.: PA 1395-0274/2018

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

Number of article	Verification property	According to	Fulfilment
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 1395-0274/2018
Final report №.: PA 1395-0274/2018

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	N/A
7	Primary pack - protection after conditioning	EN 16263-5:2015 clause 4	N/A

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 №. 112/00548/2018 of Jul 20, 2018 which was handed over to the applicant together with the certificate.

Articles fulfill requirements of Directive 2013/29/EU.

In Dubnica nad Váhom, date: Nov 7, 2018.

Ing. Milan Zavacký
Certification body of NB 1395