



**PAVUS, a.s., Prosecká 412/74, 190 00 Praha 9 – Prosek, Czech Republic
Authorized Body 216, Decision on Authorization No. 6/2004 from 16th February 2004**

T Y P E C E R T I F I C A T E

No. 216/173/2023/0137

issued for

manufacturer:

Task Force Tips LLC, 3701 Innovation Way, Valparaiso, IN 46383 USA, ID No.:35-1187949

place of manufacture:

Task Force Tips LLC, 3701 Innovation Way, Valparaiso, IN 46383 USA,

country of origin of the product:

USA

Authorized Body 216 pursuant to the provisions of § 3, section 5 Government Decree No. 173/1997 Coll., establishing selected products for conformity assessment, as amended (hereinafter referred to as Government Decree No. 173/1997 Coll.), on the basis of review of documents submitted by the importer, tests of the sample(s) of the product, issues the following product type certificate

Portable monitor BLITZFORCE, Model XXLP112A

With this type certificate, the above mentioned authorized body certifies, that for the sample of the product in question, it has found that its characteristics comply with the essential requirements of Government Decree No. 173/1997 Coll., and with the following technical standards

EN 15767-1

An integral part of this type certificate is the Certification Report No. P-216/173/2023/0137 dated on 2nd October 2023, where the identification of the product, the conclusions of findings, verification and test results, carried out according to the provisions of § 3 paragraph 5, Government Decree No.173/1997 Coll.

This type certificate, as evidence of the conformity of the product with the technical requirements established at the time of issue of this certificate by Government Decree No. 173/1997 Coll. and of the conformity assessment pursuant to § 3 of this Government Decree, is issued to the applicant for use for the purposes arising from § 13 of Act No. 22/1997 Coll., on Technical Requirements for Products and on amendment and supplementation of certain acts, as amended.

This certificate is valid until 31. 10. 2028

Notice:

Pursuant to the provisions of § 11a (3) of Act No. 22/1997 Coll., on Technical Requirements for Products and on amendments and supplementation of certain acts, the Authorized Body 216 is competent to revoke or amend an issued certificate if it is proven that the facts under which it was issued have changed, in particular if it is found that the products do not comply with the requirements of the technical regulations applicable to them.

Podle ustanovení § 11a odst. 3 zákona č. 22/1997 Sb., o technických požadavcích na výrobky a o změně a doplnění některých.

Prague 2nd October 2023



Jan Tripes

Executive director – AB 216

Declared characteristics of the certified product

Portable monitor BLITZFORCE, Model XXLP112A

Characteristic	Value/Found
Fitting systems, EN 15767-1, art.5.1.1	Portable monitor body is equipped with 360° fulltime swivelling inlet elements. The inlet opening is threaded with G 2 1/2" external thread to connect the fire coupling.
Mass, EN 15767-1, art.5.1.2	6,9 kg (without nozzle)
Safe operability with firefighting gloves according to EN 659, EN 15767-1, art.5.1.3.1	conforms
Possibility of controlling the opening and closing speed of shut of device, EN 15767-1, art.5.1.3.2	conforms
Maximum torque needed for moving the valve handle and fitting systems, EN 15767-1, art.5.1.3.3	conforms
Closed position of the valve, EN 15767-1, art.5.1.3.4	Closed position of the valve is located in the position with a valve handle in direction of the flow
Materials, EN 15767-1, art.5.2	All requirements of clause 5, EN 15767-1 have been met in the tests defined in clause 6. The monitor body has passed the frost test defined in 6.2, EN 15767-1. According to manufacturer declaration (not tested): Aluminum 6000 series hard anodized MIL8625 class 3 type 2, stainless steel 300 series, nylon 6-6
Hydraulic characteristics – pressures EN 15767-1, art.5.3.1	Maximum inlet pressure with valve shut off: 20 bar Maximum inlet pressure at maximum flow: 12 bar
Hydraulic requirements – pressure loss EN 15767-1, art.5.3.2	The manufacturer has provided in the technical documentation the pressure loss curve of the portable monitor from the minimum to the maximum flow recommended by the manufacturer.
Hydrostatic requirements – Resistance to burst pressure, $p_B = 35$ bar EN 15767-1, art.6.3.1	No rupture of the portable monitor body at $p_B = 35$ bar
Hydrostatic requirements - Leak-tightness, $p_t = 25,5$ bar EN 15767-1, art.6.3.3	No leakage of the closed portable monitor during 1 min at the test pressure $p_t = 25,5$ bar
Stability EN 15767-1, art.5.5	The portable monitor was stable in the most disadvantageous direction and fulfil the tests of cl. 6.4. At the reference pressure $p_R = 6$ bar, a flow rate of $1\ 900 \pm 26$ (l/min) was measured.
Note: Initial type tests were carried out in the PAVUS Fire testing laboratory, accredited testing laboratory No. 1026 , according to ČSN EN ISO/IEC 17025:2018.	

Prague 2nd October 2023




Jan Tripes
 Executive director – AB 216



PAVUS[®]
FIRE TESTING INSTITUTE

PAVUS, a.s., Prosecká 412/74, 190 00 Praha 9 – Prosek, Czech Republic
Authorized Body 216, Decision on Authorization No. 6/2004 from 16th February 2004

Order No.: Z220230368

Number of pages: 5
Copy No.: 1

CERTIFICATION REPORT

č. P-216/173/2023/0137

issued by Authorized Body 216 as an integral part of Product Certificate No. 216/173/2023/0137 within the meaning of § 10 of Act No. 22/1997 Coll., on Technical Requirements for Products and on Amendments and Additions to Certain Acts, as amended by Act No. 71/2000 Coll., No. 102/2001 Coll., No. 205/2002 Coll., No. 226/2003 Coll., No. 277/2003 Coll., No. 186/2006 Coll., No. 229/2006 Coll., No. 481/2008 Coll., No. 281/2009 Coll., No. 490/2009 Coll., No. 155/2010 Coll., No. 34/2011 Coll., No. 100/2013 Coll., No. 64/2014 Coll., No. 91/2016 Coll., No. 183/2017 Coll., No. 265/2017 Coll., No. 277/2019 Coll., No. 526/2020 Coll. and No. 87/2023 Coll. and Article 3(5) of Government Decree No. 173/1997 Coll. laying down selected products for conformity assessment, as amended by Government Decree No. 174/1998 Coll., Government Decree No. 78/1999 Coll., Government Decree No. 323/2000 Coll., Government Decree No. 329/2002 Coll., Government Decree No. 88/2010 Coll. and Government Decree No. 450/2016 Coll. (hereinafter referred to as "Government Decree No. 173/1997 Coll."). It contains the conclusion of the findings, verification, test results and identification of the certified product.

1 NAME OF THE CERTIFIED PRODUCT

Portable monitor BLITZFORCE, Model XXLP112A

The product is listed in Annex 2 to Government decree No. 173/1997 Coll., Order No. 4

**Manufacturer: Task Force Tips LLC, 3701 Innovation Way, Valparaiso, IN 46383
USA, ID No.:35-1187949**

**Place of manufacture: Task Force Tips LLC, 3701 Innovation Way, Valparaiso, IN
46383 USA**



2 DOCUMENTS USED FOR CERTIFICATION

- [1] Application form for performance actions by Authorized Body dated 14.9.2023.
- [2] Test Report No. Pr-23-5.008, dated 2023-10-02, issued by PAVUS Fire Testing Laboratory, accredited testing laboratory No. [1026](#), according to ČSN EN ISO/IEC 17025:2018.
- [3] Instruction for installation, operation, and maintenance BlitzForce™ Portable monitor, LIX-730 July 13, 2023 Rev10, issued by Task Force Tips LLC.

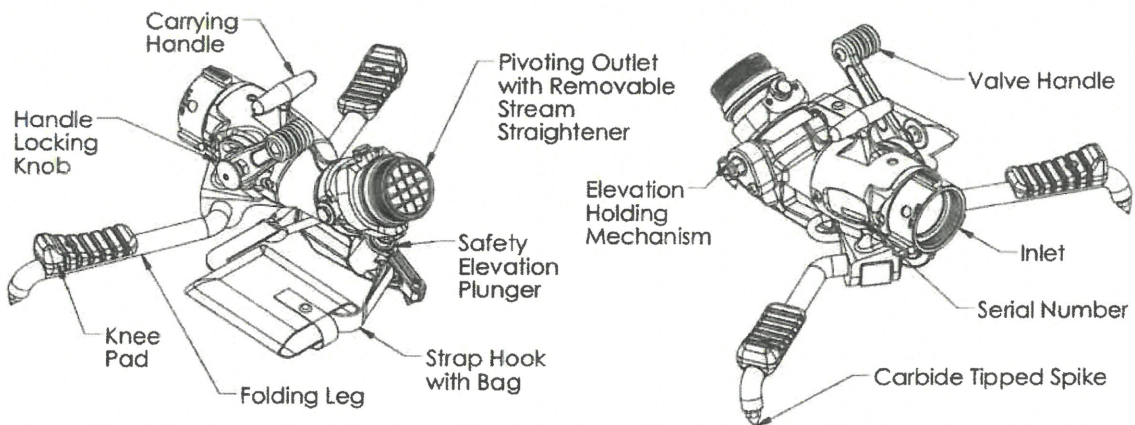
3 TECHNICAL SPECIFICATION OF THE PRODUCT, ITS USE AND CHARACTERISTICS - MANUFACTURER'S DECLARATION

3.1 TECHNICAL DESCRIPTION OF THE PRODUCT AND ITS IDENTIFICATION

Portable monitor body (without nozzle) comprises (see Figure 1):

- connection fitting with G 2 1/2" male thread for fitting with fire coupling;
- shut-off ball valve with valve handle;
- ground base, which consists of folding legs with knee pads;
- carrying handle;
- pressure gauge pressure gauge at the inlet;
- outlet pivots and safety elevation plunger;
- elevation holding mechanism.

The monitor's outlet pivots to allow for 20 degrees of horizontal rotation either side of center. The elevation range is from 20 to 60 degrees manned and 30 to 60 degrees unmanned. While manned, to lower the outlet below the 30 degrees elevation, push down the outlet to the desired elevation. Below the outlet pivot is a spring-loaded plunger that returns the outlet to 30 degrees if the operator releases on the outlet or the monitor is unmanned. The pivots are easy to reposition under pressure and are good for rapid redirecting of the stream.



3.2 DEFINITION OF THE USE OF THE PRODUCT, INCLUDING ANY LIMITATIONS

Portable monitor BLITZFORCE, Model XXLP112A with the appropriate nozzle (not included in the certified product) is used for firefighting by qualified persons. This equipment is intended for use by trained and qualified emergency services personnel for firefighting. All personnel using this equipment shall have completed a course of education approved by the Authority Having Jurisdiction (AHJ). Maximum flow rate is 2 000 l/min, maximum working pressure is 20 bar (with valve shut off) and maximum inlet pressure at maximum flow is 12 bar.

3.3 CHARACTERISTICS DECLARED BY THE MANUFACTURER VÝROBCEM

Size (legs folded)	14.8"L x 9.0"W x 9.4"H	(375mm x 230mm x 240mm)
Size (legs unfolded)	15"L x 25.8"W x 10"H	(380mm x 655mm x 254mm)
Weight (without nozzle)	15 lbs	(6.9 kg)
Maximum inlet pressure with valve shut off	300 psi	(20 bar)
Maximum inlet pressure at maximum flow	175 psi	(12 bar)
Flow Range	up to 500 gpm	(up to 2000 l/min)
Operating temperature of fluid	33 to 120°F	(1 to 50°C)
Storage temperature range	-40 to 150°F	(-40 to 65°C)
Standard Inlet Coupling	2 ½" NH Female	
Standard Outlet	2 ½" NH Male	
Vertical Stream Range (manned)	20 to 60° above horizon	
Vertical Stream Range (unmanned)	30 to 60° above horizon	
Horizontal Stream Range	+/- 20° either side of centerline	
Materials used	Aluminum 6000 series hard anodized MIL8625 class 3 type 2, stainless steel 300 series, nylon 6-6	

4 TECHNICAL REQUIREMENTS FOR THE CERTIFIED PRODUCT - REQUIREMENTS OF TECHNICAL REGULATIONS, TECHNICAL STANDARDS OR OTHER DOCUMENTS, WHERE APPLICABLE, REQUIREMENTS SPECIFIED BY THE MANUFACTURER

The requirements are set out in Section 6 of this Report.

5 CHARACTERISTICS VERIFIED BY TESTS, RESULTS OF EXPERTISES AND OTHER FINDINGS

These are listed in Section 6 of this report.

The conformity of the characteristics listed in Table 1 has been verified by the results of the tests carried out, by expert judgement and by examination of the manufacturer's documentation.

6 ASSESSMENT OF THE CONFORMITY OF THE CHARACTERISTICS OF THE CERTIFIED PRODUCTS WITH THE CHARACTERISTICS DECLARED BY THE MANUFACTURER AND THE REQUIRED TECHNICAL REGULATIONS, TECHNICAL STANDARDS OR OTHER DOCUMENT

Table 1:

No.	Required/declared characteristic	Technical requirements	Document No.*	Conformity assessment
1	Fitting systems, EN 15767-1, art.5.1.1	Portable monitor bodies shall be equipped with 360° fulltime swivelling inlet elements	2, 3	conforms
2	Mass, EN 15767-1, art.5.1.2	Each part of the portable monitor assembly shall be less than 20 kg in mass.	2	Conforms
3	Safe operability with firefighting gloves according to EN 659, EN 15767-1, art.5.1.3.1	The portable monitor assembly should be ergonomically designed to be operated without risk of injury, when wearing firefighter's gloves conforming to EN 659	2	Conforms

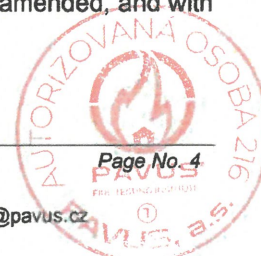
No.	Required/declared characteristic	Technical requirements	Document No.*	Conformity assessment
4	Possibility of controlling the opening and closing speed of shut of device, EN 15767-1, art.5.1.3.2	If a shut off device is provided, it shall be possible for the operator to control the speed of opening and closing.	2	conforms
5	Maximum torque needed for moving the valve handle and fitting systems, EN 15767-1, art.5.1.3.3	The torques and forces needed for moving the operating elements shall not exceed the values given in Table 1 at pressures up to the nominal pressure	2	Conforms
6	Closed position of the valve, EN 15767-1, art.5.1.3.4	In the case of portable monitor bodies which are opened and closed with a valve, the "closed" position shall be located in position with a valve handle: direction of the flow,	2	Conforms
7	Materials, EN 15767-1, art.5.2	The materials used shall be selected in such a way that all the requirements in Clause 5 are met, subject to the tests defined in Clause 6. The monitor body shall pass the frost test defined in 6.2.	3, 2	conforms
8	Hydraulic characteristics – pressures EN 15767-1, art.5.3.1	- reference pressure: $p_R = 6 \pm 0,1$ bar; - nominal pressure: $p_N = 16$ bar; - test pressure: $p_t = 25,5$ bar; - burst pressure: $p_B = 35$ bar	2, 3	Conforms
9	Hydraulic requirements – pressure loss EN 15767-1, art.5.3.2	The manufacturer shall provide, in the normative datasheet, the pressure loss curve for the portable monitor body from the minimum to the maximum flows recommended by the manufacturer	3	Conforms
10	Hydrostatic requirements – Resistance to burst pressure, $p_B = 35$ bar EN 15767-1, art.6.3.1	The pressure shall be increased by 5 bar increments and held for 30 s at each pressure up to p_B . This maximum pressure shall be held for 1 min without rupture of the portable monitor body.	2	conforms
11	Hydrostatic requirements - Leak-tightness, $p_t = 25,5$ bar EN 15767-1, art.6.3.3	The portable monitor body (either closed or plugged) shall show no leakage during 1 min at the test pressure $p_t = 25,5$ bar, in accordance with leakage rate E as defined in EN 12266	2	Conforms
12	Stability EN 15767-1, art.5.5	The portable monitor assembly shall be designed to be stable when operated at the manufacturer's stated maximum flow (Q_{max}) in the most disadvantageous direction. The portable monitor assembly shall fulfil the tests defined in 6.4. The nozzles matched to a portable monitor body shall not deliver more than Q_{max} at the reference pressure.	2	Conforms

*) document numbers see Chapter 2 of this report

7 CONCLUSION

The investigation of Authorized Body 216 proved the compliance of the specified properties of the certified product with the requirements of Government Decree No. 173/1997 Coll., as amended, and with the manufacturer's declaration.

On the basis of these findings, the relevant product type certificate can be issued.



8 CONDITIONS OF VALIDITY OF THE CERTIFICATE

- 8.1 The manufacturer shall provide customers with: technical documents, technical documentation, instructions for use, safety data sheet, storage and use conditions.
- 8.2 The manufacturer shall immediately report any changes concerning the characteristics of the certified product, the legal personality of the entities referred to in Chapter 1, the documents referred to in this certificate and the method of installation and use of the product to Authorised Body 216 no later than the date on which such changes occur.
- 8.3 The manufacturer shall maintain the validity of the documents used in the certification procedure.
- 8.4 The manufacturer shall carry out regular controls of the products in accordance with the company's internal product control regulations and keep documentary evidence of these controls, which shall be submitted to the Authorized Body on request.

This certification report is in 5 pages and is issued in two original numbered copies. Copy No. 1 shall be given to the manufacturer, copy No. 2 shall be kept in the archives of Authorized Body 216. Each page of the certification report shall bear the stamp of Authorized Body 216 The report is issued at the same time as Certificate No. 216/173/2023/0137.

Prague 2nd October 2023


Ing. Jaroslav Dufek
Author of the report




Jan Tripes
Executive director – AB 216