

08/2018

Marine & Offshore  
Division

EJ5327401

Certificate number: 17330/C0 EC

File number: ACI 3000/005/005

Annex A1 Item number: A.1/3.7

This certificate is not valid when presented without the full  
attached schedule composed of 7 sections  
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Notified Body 0062 - MARINE EQUIPMENT DIRECTIVE 96/98/EC

**EC TYPE EXAMINATION CERTIFICATE**

as per Module B of European Union Council Directive 96/98/EC on marine equipment  
as amended by Commission Directive 2013/52/EU

This certificate is issued to

**HONEYWELL RESPIRATORY SAFETY PRODUCTS SAS**

ROISSY CDG cedex - FRANCE

for the type of product

**SELF-CONTAINED COMPRESSED-AIR-OPERATED BREATHING APPARATUS**

FENZY X-PRO type 2 Model

(Mono or Bi version - minimum capacity 1200l) complete with their full face mask.

**Requirements:**

SOLAS 74 convention as amended, Regulations II-2/10, X/3

IMO Res. MSC.36(63) -(1994 HSC Code)- as amended, 7

IMO Res. MSC.87(73) -(2000 HSC Code)- as amended, 7

IMO Res. MSC.98(73)-(FSS Code)- as amended by MSC.206(81), MSC.217(82), MSC.292(87), MSC.311(88), MSC.327(90) and MSC.339(91)/3

EN 136:1998 incl. /AC:2003, EN 137:2006

And where the apparatus is for use in accidents with cargo :

IMO Res. MSC.4(48)-(IBC Code)- as amended, 14,

IMO Res. MSC.5(48)-(IGC Code)- as amended, 14

ISO 23269-3:2011

This certificate is issued on behalf of the French Maritime Authorities to attest that BUREAU VERITAS did undertake the relevant type examination procedures for the product identified above which was found to comply with the relevant requirements of the Council Directive 96/98/EC of 20 December 1996 as amended.

**This certificate will expire on: 21 May 2020****For BUREAU VERITAS Notified Body 0062,**

A. BV LA ROCHELLE, on 21 May 2015,

Patrice DAVID

Hoja N.º 113

de la Legitimación asentada

con el N.º 24/2019

This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex B of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with BUREAU VERITAS. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. BUREAU VERITAS is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of BUREAU VERITAS Marine & Offshore Division available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against BUREAU VERITAS for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

## **THE SCHEDULE OF APPROVAL**

### **1. PRODUCT DESCRIPTION :**

The **FENZY X-PRO type 2** is a Self-Contained open-circuit positive pressure Breathing Apparatus -SCBA- with full face mask, operating on compressed air.

The **FENZY X-PRO** range uses air compressed in high pressure cylinder(s) (the apparatus is designed for 200 or 300 bar using one or two pressure cylinders) carried out on an anatomic back-pack equipped with engulfment resistance and adjustable straps.

Connection of the reducer to the cylinder valve can be obtained by a 200/300 bar hand tight coupling (screw or quick connector)

The **FENZY X-PRO type 2** consists of:

- full face mask (PANORAMA, OPTI-PRO and OPTI-PRO with communication system)
- compressed air cylinder
- cylinder valve
- back-pack with body harness
- high/medium pressure reducer
- lung governed demand valve (SA 5000, SA 5000 ZENITH or SX-PRO)
- pressure indicator
- medium pressure hose
- high/medium pressure hose with a pneumatic or an electronic pressure indicator (FENZY ANGEL II),

In compliance with EN 137 the weight of all equipment is not more than 18 kg.

The dimensions are Height 670 mm x Length 240 mm x Breadth 240 mm.

An automatic warning whistle is located on the pressure reducer unit, warning the wearer that the remaining pressure in the pressure vessel(s) is low.

The apparatus is to be used with a complete face mask Class 3 complying with standard EN 136.

As per requirements of regulations stated on the front page of this certificate, the volume of air contained in the cylinders shall be at least 1200 litres.

Different versions of FENZY X-PRO, indicated in the configuration table N° P/N 022-13-R&D-APAVE-01 (for 89/686/CE directive and 98/96/CE directive) and the EC configuration table N° 007-05-ING-DESP-08 (for PED 97/23/EC directive), are possible, depending on :

- type of compressed air cylinder(s),
- type of air cylinder valve(s),
- the type of harness,
- type of demand valve (SX-PRO, SA5000 or SA5000 Zenith),
- type of face mask (PANORAMASQUE or OPTI-PRO)
- type of second user,
- the type of medium pressure hose,
- the type high/medium pressure hose with a pneumatic or an electronic pressure indicator (FENZY ANGEL II)
- the type second user MP device (inlet or outlet connection)

Their codification is the name of the apparatus, FENZY X-PRO type II.

Only approved flexible hoses (HP and MP) can be used with the FENZY X-PRO type II.

The air supply shall meet the requirements for breathable air according to EN 12021.

### **2. DOCUMENTS AND DRAWINGS :**

#### **2.1 - Design drawings and specifications**

Reference are included in the manufacturer documentation N°P/N 022-13-R&D-APAVE-01 and N° 007-05-ING-DESP-08.

#### **2.2 - Manual for installation, use and maintenance given in documentation in §2.1**



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### 08/2018 3. TEST REPORTS:

3.1 - Test report in compliance with EN 136:1998 and EN 137:2006:

Test report N°14.7.0045.002.1, dated 03/07/2014, N° 14.7.D107.002.1 dated 12/12/2014, from APAVE Testing Center, France.

3.2 - Test report in compliance with ISO 23269-2 (2011) called by ISO 23269-3 (2011):

Test reports N°P122869 - Document DE/3, dated 29/07/2014, N°P122869 - Document DE/4, dated 29/07/2014, and N°P132070 - document DE/2 dated 27/01/2015 and N°P132070 - document DE/3 dated 12/02/2015, all from LNE Laboratories, France.

Test report N°14.7.0023.002.1, dated 03/07/2014 and 15.7.0020.001.1 dated 13/03/2015, from APAVE Testing Center, France.

3.3 - Test report in compliance with ISO 23269-3 (2011):

Test report N°8148/14, dated 30/06/2014, from DEKRA EXAM GmbH, Germany.

### 4. APPLICATION / LIMITATION :

4.1 - Air cylinder(s)

Depending on type, the equipment is fitted with one (mono) or two (twin) air pressure cylinder(s). The compressed air pressure cylinder(s) must comply with Pressure Equipment Directive 97/23/EC as amended and are to be marked accordingly.

4.2 - Reducers

Only the reducer described in the manufacturer documentation N° P/N 022-13-R&D-APAVE-01 and N° 007-05-ING-DESP-08 can be used with FENZY X-PRO.

4.3 - Full face masks are not suitable for persons bearing beard or moustache.

4.4 - Allowed combinations of air pressure vessel(s); reducer and full face mask are to be as per test reports listed in section 3 above.

4.5 - Service life : as per manufacturer's instructions and in conformity with applicable rules.

4.6 - The equipment is to be stored and maintained on board according to manufacturer's instructions and applicable rules.

4.7 - The equipment shall be serviced only by approved Servicing Stations.

4.8 - On board the ship, the equipment is to be provided with a fireproof lifeline of sufficient length and strength as per FSS Code, Chapter 3, regulation 2.1.3 (also in 2000 HSC Code, Chapter 7, regulation 7.10.3.3), either capable of being attached to the back plate of the device.

4.9 - Manufacturer's instructions (see 2.2 above) should accompany every apparatus on delivery and should be kept on board.

4.10 - As per FSS Code, Chapter 3, regulation 2.1.2 and 2000 HSC Code, Chapter 7, regulation 7.10.3.2.2, the volume of air contained in the cylinders shall be at least 1200 litres or the apparatus shall be capable of functioning for at least 30 minutes. It shall be taken into account when referring to manufacturer documentation N° P/N 022-13-R&D-APAVE-01 and N° 007-05-ING-DESP-08.

### 5. PRODUCTION SURVEY REQUIREMENTS :

This certificate alone does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module D "Production Quality Assurance" or E "Product Quality Assurance" or F "Product Verification" of Annex B of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.

Hoja N.º 213  
de la Legitimación asentada  
con el N.º 24/2019

**6. MARKING OF PRODUCT :**

6.1 - The apparatus is to be marked in accordance with provisions of EN 136:1998, EN 137:2006, and ISO 23269-3 (2011).

6.2 - Markings as per MED 96/98/EC :

☒ YYYY/XX where YYYY is the number of the Notified Body undertaking surveillance module (when BV, 0062) and where XX are the last two digits of year mark affixed.

**7. OTHERS :**

7.1 - This approval is given with the understanding that the manufacturer will accept full responsibility for informing shipbuilders or their sub-contractors of the proper methods of fitting and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This certificate supersedes the type approval certificate N° 17330/B2 EC previously issued by the Society.

\*\*\* END OF CERTIFICATE \*\*\*





EJ5327399

08/2018



**ALMUDENA CASTRO-GIRONA MARTÍNEZ**, Notario del Ilustre Colegio de **CATALUNYA** con residencia en **CASTELLBISBAL**, DOY FE: Que el documento que antecede es **TESTIMONIO LITERAL** de su original con el que concuerda. Y a instancia de **AIRBOX S.A.** lo expido en tres folios de papel de uso exclusivamente notarial, el presente y los dos siguientes en orden correlativo de la misma serie.

Asiento nº **24** de la Sección **Segunda** del Libro Indicador.

En **CASTELLBISBAL** a quince de enero de dos mil diecinueve.  
DOY FE.

ALMUDENA CASTRO-GIRONA MARTÍNEZ  
NIHIL PRIUS FIDE



**ALMUDENA ELENA CASTRO-GIRONA MARTÍNEZ**  
NOTARIO  
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Hoja N.º 313  
de la Legitimación asentada  
con el N.º 24/2019





EH3338762

10/2018

El presente folio es el agregado al documento en el que figura la firma de Doña Almudena Elena Castro-Girona Martínez, Notario de Castellbisbal, Colegio Notarial de Cataluña, en testimonio de exhibición de certificado, a instancia de AIRBOX, S.A., libro indicador 24, de 15 de enero de 2019, en el folio EJ5327399.

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<b>3. quien actúa en calidad de</b> acting in the capacity of agissant en qualité de	Notario
<b>4. y está revestido del sello / timbre de</b> bears the seal / stamp of est revêtu du sceau / timbre de	la Notaría
<b>Certificado</b> Certified / Attesté	
<b>5. en</b> at / à	Barcelona
<b>6. el día</b> the / le	17/01/2019
<b>7. por</b> by / par	Don José Alberto Marín Sánchez, Vicedecano del Colegio Notarial de Cataluña
<b>8. bajo el número</b> No sous no	N5301/2019/002340
<b>9. Sello / timbre</b> Seal / stamp: Sceau / timbr	<b>10. Firma:</b> Signature: Signature :



José Alberto Marín Sánchez,  
Vicedecano

Esta Apostilla certifica únicamente la autenticidad de la firma, la calidad en que el signatario del documento haya actuado y, en su caso, la identidad del sello o timbre del que el documento público esté revestido.

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