

## EU TYPE-EXAMINATION CERTIFICATE

n. EC: 23-0100

In realisation of the Regulation (EU) 2016/425 of the European Parliament and of the Council of 9<sup>th</sup> of March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

### DOLOMITICERT SCARL

authorised by the Ministry of Economic Development and by the Ministry  
of Labour and Social Policies with the decree issued in date 11<sup>th</sup> March 2021  
NOTIFIED BODY IDENTIFICATION NUMBER: 2008

considered the application for EU type-examination no. 230148, presented in date 04/05/2023

### CERTIFIES THAT

the following personal protective equipment model

**Protective clothing against mechanical impacts to be used on work at height –  
Inflatable protector with electronic activation**

**WORK AIR DL007 T U**

presented by

**D-Air Lab Srl**

**Via Dell'Economia, 64/c - 36100 VICENZA (VI) - Italy**

results to be in conformity with the applicable essential requirements included into Annex II of the Regulation (EU) 2016/425 dated 9<sup>th</sup> of March 2016.

The description of the personal protective equipment model, the normative reference, the verification results and the description of the CE marking on the equipment are described on page 2. 3 .4 of the present document.

First issue date: 12/05/2023

Renewal or revision date: /

Expiration date: 11/05/2028

Longarone, 12/05/2023

The Director of the Notified Body

(Luca Tamburlin)

This document consists of no. 4 numbered pages.

### 1. Description of the Personal Protective Equipment

Type of PPE: Protective clothing against mechanical impacts to be used on work at height – Inflatable protector with electronic activation to protect the chest area and the central area of the back

In conformity with the technical specification: Technical Disciplinary for inflatable protectors with electronic activation intended for professional workers who work at height, Revision 0 of 7<sup>th</sup> July 2020

Level of performance: Not applicable

Size: .1 .2

Protector length (mm): 1070 1070

Protector width (mm): 165 165

Weight (g): 1120 1126

Product designation: WORK AIR DL007 T U

Variants: More colour variants are provided for this protector, depending by the colour of the yarn present inside the bag (materials which can vary the colour are not in contact with the user's skin), with the possibility of graphic personalization.

Trade mark: DAirlab

PPE category: II

PPE description: "WORK AIR DL007 T U" is an inflatable protector with electronic activation to be used by professional workers who work at height; it is designed to protect the chest area (C, full chest, type A) and the central area of the back (CB) of the final user.  
This device is intended to reduce the severity of injuries caused, when the user is not connected to any anchor point, impacting the ground after a minimum vertical free fall of 1,2 m, or caused, when the user is connected to a suitable anchor point, impacting obstacles when a pendulum effect is produced after a minimum vertical free fall of 1,2 m.  
Two sizes provided for the inflatable bag (.1 and .2) associated to four sizes for the support system (S, M, L and XL). Relating to the protection of the back, user's waist-to-shoulder length declared for bag size .1 is (41-46)cm and for bag size .2 is (46-51)cm; relating to the protection of the chest, user's chest girth declared for size S is (80-92)cm, for size M is (92-104)cm, for size L is (104-116)cm and for size XL is (116-128)cm.  
This device must always be worn under a compatible harness as described in the information supplied by the manufacturer; it shall be adjusted properly adjusting the waist elastic webbing by means of rings and closing the system by means of a side buckle.

Manufacturer's name: D-Air Lab Srl

Manufacturer's address: Via Dell'Economia, 64/c - 36100 VICENZA (VI) - Italy

Authorised Representative's name: /

Authorised Representative's address: /

Certificate's holder: D-Air Lab Srl

Holder's address: Via Dell'Economia, 64/c - 36100 VICENZA (VI) - Italy



| Codice   | Descrizione  | Composizione  |
|----------|--|---------------|
| 02010005 | TESS.ALOMALCESINE 090/15 2/10+TERM. 3410.004\{0503000048}  | 100%PU        |
| 02010028 | TESS.CORDURA 500 RES. + FILM HMPU 100B                     | 100%PA-100%PU |
| 02010033 | FILM POLIOLEFINICO INTAGLIATO                              | 100%FPO       |
| 02010026 | FILM TERMOAD.HM PU 200 B FILM100091                        | 100%PU        |
| 05010004 | ANIMA SHIMA WORKAIR LIGHT                                  | 87%PL, 13%PA  |
| 03230003 | NASTRO TERMOADESIVO HMPU200B H.20MM\{0407000006}           | 100%PU        |
| 03220002 | TUBO RILSAN PA 11 -0,5 1,1- (MB.TR 0,5X1,1 T)\{0407000050} | 100%PA        |
| 03810034 | CABLAGGIO WORK-AIR LD0008 (KIT 2 PZ) L.473/473             | 100%PA        |
| 03810021 | CONN SSL PLUG HSG 4POS 3.5MM Art. 2106135-4                | -             |
| 03810015 | GEN. MOSA MSH22A-1(D)                                      | -             |
| 03810016 | KIT ELETTR.(EL_002_W)                                      | -             |
| 03810017 | BATTERIA 3.7V 950~1000mAh - LP-553450-15-3M                | -             |
| 03020004 | Ferrite adesiva per Tag NFC schermati 35x40 MM             | -             |
| 03610002 | KIT CASE WA base con boccole + coperchio + controlpl. (FR) | 100%ABS       |
| 03610003 | ACCESSORIO CASE WA (guarnizione)                           | 100%PVC       |
| 03610005 | ACCESSORIO CASE WA (tasto) (FR)                            | 100%PVC       |
| 03020002 | Vite inox Liscio M3 x 6mm, guida Pin Hex Recess            | 100%ACCIAIO   |
| 03220008 | NASTRO ESPANSO RS PRO ADES.. H.6 X SP.3 MM                 | 100%PVC       |
| 03820001 | CAVO USB YL-PI01-02  | -             |
| 03220009 | ELASTICO GT BRETELLA.40 H.40 MM                            | 60%PL-40%EL   |
| 03030036 | FIBBIA FIDLOCK V-BUCKLE 40LL + pull tab V12207             | PAG66F        |
| 03610004 | KIT COPRI GENERATORI MOSA (destra + sinistro)              | 100%SEBS      |
| 03470008 | TRANSFER DAirlab 30x21mm DLB 7000 G [10"/6bar/150"]        | -             |
| 03480005 | ET. ADESIVA COPRIVITI WA                                   | 100%METAL     |
| 03510001 | FILO SOTEN 60 (CORD 60) (041003N060)                       | 100%PL        |

**2. Levels of protection offered by the personal protective equipment and notes:**

Applicable Standards:

Dolomitcert's Technical Disciplinary for inflatable protectors with electronic activation intended for professional workers who work at height, Revision 0 of 7<sup>th</sup> July 2020

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The PPE model: WORK AIR DL007 T U

is in conformity with the basic requirements and with the following additional requirements provided by the standard(s) of reference for the particular fields of utilization the device is addressed to.

T. D. for inflatable protectors with electronic activation intended for workers who work at height, Rev. 0 of 7<sup>th</sup> July 2020

In compliance with the following optional requirements:

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Notes:

The activation logic of this inflatable protector is designed to work without physical connection with the user; it uses an electronic system, identified with the code "002\_W", placed into a plastic case: it uses an algorithm that steadily track dynamic behaviour of the user.

**3. Test results and test examinations are covered by the following test reports:**

|                   |        |            |
|-------------------|--------|------------|
| Dolomitcert Scarl | 230478 | 04/05/2023 |
| Dolomitcert Scarl | 201808 | 29/12/2020 |
| Dolomitcert Scarl | 201802 | 28/12/2020 |
| Dolomitcert Scarl | 201531 | 16/12/2020 |
| Dolomitcert Scarl | 201529 | 13/11/2020 |
| Dolomitcert Scarl | 201157 | 31/12/2020 |

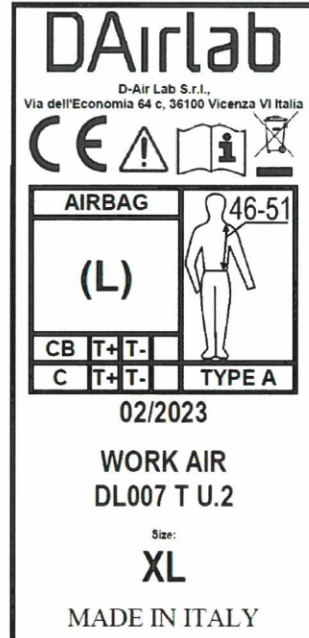
Studio Tecnico di per. ind. Aldo Rebeschini 1001-28-2020 11/11/2020

Certottica Scrl 206072 11/11/2020

Certottica Scrl 206071 11/11/2020



## 4. Marking



B)

A)

Placement of the marking: Labels stitched on the protector; label "A" dimensions 240 mm x 55 mm, label "B" dimensions not provided.

## 5. Declaration for category III personal protective equipment

For category III PPE, this EU Type-Examination Certificate shall be used only in combination with one of the evaluation procedures in accordance with Article 19, letter c), of the Regulation (EU) 2016/425

Applicability for the product covered by this EU Type-Examination Certificate:

NO

## Terms and conditions under which the Certificate is issued

- Marking and instructions were examined in Italian. Language versions other than the one specified above are under the complete responsibility of the Manufacturer or of his Authorised Representative.
- Any variation to the product, to the technical file or, in the provided cases, to the manual or to the quality control procedures, shall be notified in time to DOLOMITICERT.
- The Manufacturer or his Authorised Representative shall respect the procedures and the regulations provided by DOLOMITICERT for the EU Certification.
- Copies of this Certificate, supplied to third parties, shall be reproduced in their entirety.
- The present Certificate shall be carefully kept by the Manufacturer to be shown, on request, to the Organism of control or to the Vigilance Administration.
- The present Certificate remains property of DOLOMITICERT, which can ask for it back if some of the above mentioned conditions are not respected.
- Any subsequent revision of the present document automatically deletes and replaces it.
- The present document can include only a limited description of the product under certification; for a more detailed description, please refer to the correspondent Technical Documentation.

## DICHIARAZIONE DI CONFORMITÀ UE, n° documento: DoC DL002\_00

Relativa all'apparecchiatura elettronica, articolo:

**002\_W**

### Il fabbricante:

D-Air Lab S.r.l., Via dell'Economia 64 /c 36100 Vicenza (VI), Italia

dichiara che la dichiarazione viene rilasciata sotto la propria responsabilità e si riferisce al seguente prodotto:

- **Descrizione prodotto**, Apparecchiatura con tecnologia integrata che attiva il gonfiaggio dei Dispositivi Air-Bag
- **Marchio**: DAirlab
- **Modello/Tipo**: 002\_W

L'oggetto della dichiarazione di cui sopra è conforme ai requisiti e alle disposizioni essenziali delle seguenti Direttive Europee:

**Direttiva 2014/30/UE (EMCD).**

- *La conformità del dispositivo con le disposizioni della presente direttiva europea è data dalla conformità alle seguenti norme europee:*
  - o EN IEC 61000-6-2:2019
  - o EN 61000-6-3:2007 + A1:2011 + AC:2012

**DIRETTIVA 2011/65/UE e 2015/863/UE (RoHS)**

- *La conformità del dispositivo con le disposizioni della presente direttiva europea è data dalla conformità alla seguente norma europea:*
  - o CEI EN IEC 63000:2018

Altre norme applicate:

- o EN IEC 62368-1:2020 + A11:2020 + AC:2020
- o IEC 62368-1:2018 + COR1:2020
- o EN IEC 62368-3:2020
- o EN 60529:1991 + AC:1993 + A1:2000 + A2:2013 + AC:2016 + AC:2019

Fatto a Vicenza (VI), il 09/02/2020

**D-Air Lab S.r.l.**

Amministratore Delegato

Qualifica: Procuratore Speciale

Vittorio Cafaggi

## DICHIARAZIONE DI CONFORMITA' UE n° DL007\_00

relativa al Dispositivo di Protezione Individuale (DPI), articolo:

**“WORK AIR DL007 T U”**

**Il fabbricante:**

D-Air Lab S.r.l., Via dell'Economia 64 c, 36100 Vicenza VI (IT)

dichiara che il nuovo DPI descritto di seguito:

**Protettore gonfiabile con attivazione elettronica a copertura della schiena e del torace  
“WORK AIR DL007 T U” [\*]**

è conforme alle disposizioni del REGOLAMENTO (UE) 2016/425 per i DPI di categoria II e alle seguenti norme / specifiche tecniche utilizzate in relazione alle quali è dichiarata la conformità:

**DOLOMITICERT – Technical disciplinary for inflatable protectors with electronic activation for workers working at height – Revision n° 0 of 07 July 2020**

ed è identico al DPI oggetto del certificato di esame UE del tipo (Modulo B) n° EC 23-0100 rilasciato da:

DOLOMITICERT SCARL, Zona industriale Villanova, 7/A , 32013 Longarone, Belluno (Italia)  
Organismo notificato n° 2008

Fatto a Vicenza (VI), il 12/05/2023

**D-Air Lab S.r.l.**

Amministratore delegato

Qualifica: Procuratore Speciale

Vittorio Cafaggi

