



CERTOTTICA SCRL
Authority for the certification of Personal Protective Equipment
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00719

EU TYPE-EXAMINATION CERTIFICATE

n. EC: 21-0004Rev.2

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

CERTOTTICA SCRL
NOTIFIED BODY IDENTIFICATION NUMBER: 2008

considered the application for EU type-examination no. 210006 , presented in date 15/01/2021

CERTIFIES THAT

the Personal Protective Equipment

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

model

WORK AIR DL001 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 9th 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: 15/01/2021

Renewal or revision date: 14/01/2026

Expiration date: 13/01/2031

Longarone, 14/01/2026

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 7th July 2020

Level of performance: Not applicable

Size: .1 .2

Protector length (mm): 1029 1039

Protector width (mm): 542 542

Weight (g): 1040 1040

Product designation: WORK AIR DL001 T U

Variants: Colour variants: the product can be made into an unlimited number of colour variations depending on the colour of the yarn present inside the bag (materials that vary the colour are not in contact with the user's skin).

Trade mark: DAirlab

PPE category: II

PPE description: The device model "WORK AIR DL001 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 (DC, divided 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. The activation logic of the inflatable protector of the device model "WORK AIR DL001 T U" is designed to work without physical connection with the user; it uses an electronic system placed into a plastic case: it uses an algorithm that steadily track dynamic behaviour of the user. 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.

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



Taglie	Struttura	Codice	Descrizione	Categoria
A - C		02010005	TESS ALOMALCERNE 009/15 210-TERM 3410 00110530000048	TESSUTE
		02010028	TESS CONGIURA 004 RES + FILM HMPU 550E	TESSUTE
		02010008	TESS 2180 II	TESSUTE
		02110004	POLYOM L. 004 4 - TERM (042100078)	TESSUTE
T, 2	II	05130002	ARMIA TESSA WORKAIR	TESSUTE
		03730003	NASTRO TE PINGUICORD HMPU2008 H 20MM(047300005)	TESSUTE
		03220002	TUBO PILBAH PA 11-0 5 1 1 - 008 TR 0 5X1 1 T (0407000050)	TESSUTE
		03810013	CARLAGGIO TORNARE AIR 03049 001 2 PZ	TESSUTE
		03810015	GEN MOSA NSH12A 1 005	-
		03810016	RT ELETTR IEL 002 00	-
		03810017	BATTERIA 3 TV 500-8000000 - 00-553450-15-3M	-
		03400004	Faccie adesive per T in NEC 424mmx135x40 MM	-
		03610002	KIT CASE WA (base + coperchio + cerniere)	TESSUTE
		03610003	ACCESSORIO CASE WA (guarnizione) NEUTRAL	TESSUTE
		03610005	ACCESSORIO CASE WA (cavo) NEUTRAL	TESSUTE
		03020007	Vite tipo Unico M3 x (senza guida) Per Mac. Recept	TESSUTE
		03400004	CALZO USB V1-P01-02	-
		03720009	ELASTICO 01 BRETE L. 0 46 H 40 MM	TESSUTE
		03030006	ANELLO PIATTO 40 MM NY	TESSUTE
		01030007	FASCIANTE P. 40MM NY	TESSUTE
		03330008	FERRA FIELLOCK V (base 25 - con Pannello Y-1120)	TESSUTE
		03630001	KIT CUSCINETTI WA L.Y-PE 30 MM 15 14 PZ	TESSUTE
		03800007	DIKIA SPINNI (senza filo) 18 x 1,5 x 1,5 (senza filo)	TESSUTE
		03410004	KIT COPRI (di NEUTRAL) MOSA (senza cerniere)	TESSUTE
		03470006	TRANSFER Datab 30x21mm TR B 7000 G (19°/26°/152°)	TESSUTE
		03480005	ET ADESIVA DISPRIVILEWA	TESSUTE
T, 2		03430003	ET CORN (in Lino) + OMOE WORK AIR DL001 T U 1, 2	TESSUTE
		03480008	ET ADESIVA FCC IC - 003 W	TESSUTE
		03440001	ET H' MATRICOLO Art. 010	TESSUTE
		03480009	FOCCO A BARRILE CODE	TESSUTE
		03770005	N1 WORK AIR DL001 T U R 00	TESSUTE
		03720004	N1 AVVERTENZE MAGNE TR 00	TESSUTE
		03610001	FILLO BOTTINI 00 10000-00 (041900000)	TESSUTE



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

Applicable Standards:

Technical Disciplinary for inflatable protectors with electronic activation intended for professional workers who work at height, Revision 0 of 7th July 2020

/

The PPE model: WORK AIR DL001 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 7th July 2020

In compliance with the following optional requirements:

Regarding chest protection, this device is additionally in compliance with impact distribution requirement (see letter "D" in the marking picture at page 4).

Notes:

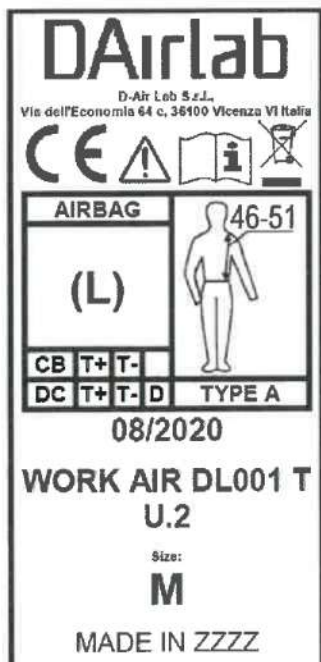
The present EU Type-Examination Certificate is the second revision of the previous one issued by Dolomitocert Scarl in date 15/01/2021 with number EC 21-0004. The first revision, issued in date 16/06/2022, considers a modification to the original EU Type-Examination Certificate due to a mistake. The present revision considers the renewal of the certification.

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

Dolomitocert Scarl	210050	14/01/2021
Dolomitocert Scarl	201808	29/12/2020
Dolomitocert Scarl	201806	28/12/2020
Dolomitocert Scarl	201802	28/12/2020
Dolomitocert Scarl	201531	16/12/2020
Dolomitocert Scarl	201529	13/11/2020
Dolomitocert 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



A)



B)

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

- a) 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.
- b) 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 CERTOTTICA.
- c) The Manufacturer or his Authorised Representative shall respect the procedures and the regulations provided by CERTOTTICA for the EU Certification.
- d) Copies of this Certificate, supplied to third parties, shall be reproduced in their entirety.
- e) 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.
- f) The present Certificate remains property of CERTOTTICA, which can ask for it back if some of the above mentioned conditions are not respected.
- g) Any subsequent revision of the present document automatically deletes and replaces it from the date of issue of the revised certificate (the start of validity, that is the renewal or revision date included at page 1 of this Certificate).
- h) 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 CONFORMITA' UE n° DL001_00

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

“WORK AIR DL001 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 DL001 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 21-0004 rilasciato da:

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

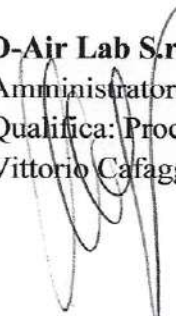
Fatto a Vicenza (VI), il 15/01/2021

D-Air Lab S.r.l.

Amministratore delegato

Qualifica: Procuratore Speciale

Vittorio Cafaggi



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