



## EU Type Examination Certificate

Date: 2022/10/18

n. **999224201/OE**

Validity: 2027/10/17

The hereunder described items of Personal Protective Equipment have overcome positively the "EU type examination" (Module B), proving their conformity to the safety and health requirements of the Regulation (EU) 2016/425 (Annex II)

Manufacturer: **GUANGZHOU S-AIRBAG TECHNOLOGY Co., Ltd.**  
(Responsible of the PPE) Room 410, Tian An Development Building, n°555 North Panyu Dadao, Panyu District, GUANGZHOU City – CHINA

Type of PPE: **Hip & head inflatable protector (airbag)** for elderly and people with wandering and balance disturbances.

Category of PPE: **II** : "medium" risks.  
This certificate is based on reference standards listed below: its validity is no longer ensured should new version of the standards come into force.

Model **"S-AIRBAG Intelligent vest"**  
(mod.: S20 - 2 colorways.: BLACK – BLUE)

Description: Complex design PPE composed of following parts:  
**BLACK**  
- A textile vest (washable) hosting  
- Airbag system: TNT bag including 2 non-refillable Helium inflators (code MSC30-3), one control box, one battery and one charging box. All the parts are connected by cables. The inflators are fixed on the waist area of the vest and guarantee the inflation of the airbags in case of need.



The Charging Box and the conduction snap buckle are set in the front of the device  
The Control Box, which includes Micro Controller Unit (MCU), gyroscope sensor and 3-Axis Acceleration is fixed on the central back of the waist area, which will send control signal to the inflators to extend the airbag when the control box detects a fall accident.



back side:



Airbag with inflators



Two non-refillable Helium inflators  
(2 X 85 KPa code MSC30-3)

Technical Standard: **Me-int 114-01** RCT Internal method (ad hoc - airbag for elderly people – incl. analogous meth. based on EN 1621-4:2013).

Intended use: Protection against impacts which may occur during daily standard activities (no sports nor occupational) - for elderly and people with wandering and balance disturbances.





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Size range: Vest sizes: S – XXL ((Manufacturer's sizing system – for height / chest-girth / waist-girth relation see the Information Notice).

Technical File: **DC-13029**

Test report: **RCT n° 4132328/E**

Functions and performance levels: To reduce the severity of injuries caused by impacts in case of fall.  
The device got a PASS level to different tests in conformity with the basic Health & Safety requirements of the EU-Regulation 2016/425 for PPE (Annex II) following a RCT internal method checking among others: ergonomics, innocuousness, intervention-activation-inflation time and duration time of the inflated status, impact attenuation.  
For any results please refer to the relevant Test Report.

Marking: Printed on the protector and displaying the following information:

- CE Marking;
- Name/Logo and full address of the Manufacturer;
- item designation of the device (model name in 3 languages);
- pictogram "i in a book" instructing to read the User Manual;
- "made in", full contacts of the Manufacturer (address, e-mail, web-site etc);
- warning symbols, maintenance and care symbols, material composition etc;
- lot / serial name/ date = full production indications;
- on other labels: warnings, materials composition, care / washing symbols etc.



**BLACK**



**BLUE**



back side:



Airbag with inflators



Two non-refillable Helium inflators  
(2 X 85 KPa code MSC30-3)

NOTE: The Technical File contains a more detailed description of the PPE (material, method of assembly, photographs or drawings), performance data, safety functions and level of protection, elements of conformity to the basic and supplementary requirements. The Technical File is integral part of the present Certification, which has to be kept available by the applicant to be forwarded - upon request - to the entitled person (supervising body, Controlling Officer).

