

# EU Type Examination Certificate

This is to certify that:

Centurion Safety Products Limited  
Howlett Way  
Fison Way Industrial Park  
Thetford  
IP24 1HZ  
United Kingdom

Holds Certificate Number:

CE 683010

In respect of:

**Model Concept Air Range of PAPR systems incorporating helmets and hoods  
To EN 12941:1998 + A2:2008**

on the basis that BSI carried out the relevant Type Examination procedures under the requirements with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II

For and on behalf of BSI, a Notified Body for the above Regulation (Notified Body Number 2797):



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Graeme Tunbridge, Senior Vice President Global Regulatory & Quality

First Issued: 2020-02-18

Effective Date: 2025-02-14

Latest Issue: 2025-02-14

Expiry Date: 2030-02-18

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No. CE 683010

## Product Specification

<b>Range:</b>	R23 Concept Air Range of PAPR systems incorporating helmets and hoods
<b>Model:</b>	Concept Air TH2P power unit system
<b>Product Description:</b>	Concept Air TH2P power unit system with blocked filter and low battery warning alarm. Minimum flow rate of this system is 140l/min, maximum flow rate is 210l/min. The power unit is used with the following models of filters and headtops:
<b>Classification:</b>	TH2P
<b>Filter Models:</b>	R23P2/5; R23P2/60; R23P2OD/5; R23P3/5; R23P3/60
<b>Headtop Model:</b>	Concept Air Flip up Visor
<b>Product Description:</b>	This is a visor and respiratory breathing system which is fed air from the waist mounted power unit via a spiral reinforced PVC hose and lightweight internal air channel. The air is discharged into the top of the visor area maximising anti-misting and directed to the breathing zone. meeting the requirements of EN 12941 and EN 166 1 B 9 3
<b>Headtop Model:</b>	R23 Concept Air Helmet & Flip up Visor
<b>Product Description:</b>	This is a helmet with a flip up visor which is fed air from the waist mounted power unit via a spiral reinforced PVC hose and lightweight internal air channel. The air is discharged into the top of the visor area maximising anti-misting and directed to the breathing zone. this is an industrial safety helmet, visor and respiratory breathing system, meeting the requirements of EN 12941, EN 397 and EN 166 1 B 9 3

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## Product Specification (continued)

**Headtop Model:** Concept Air Welding Shield

**Product Description:** This is an Auto Darkening Welding Helmet which is fed air from the waist mounted power unit via a spiral reinforced PVC hose and lightweight internal air channel. meeting the requirements of EN 12941, EN 379 4/5-9/9-13 1/1/1/1, EN 175 B and EN 166 1B

**Technical Specifications:** EN 12941:1998+A2:2008 Respiratory protective devices — Powered filtering devices incorporating a helmet or a hood — Requirements, testing, marking  
EN 397:2012+A1:2012 Industrial safety helmets  
EN 166:2001 Personal eye-protection - Specifications  
EN 379:2003+A1:2009 Personal eye-protection - Automatic welding filters  
EN 175:1997 Personal protection - Equipment for eye and face protection during welding and allied processes

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## Certificate Administration Details

**Technical File Reference:** 'TF CONCEPT AIR, Rev 02'

## Certificate Administration Record and BSI internal Technical File Review reference

Issue date	Comments	BSI Project Ref.
February 2020	First issue under PPE Regulation (EU) 2016/425, product initially approved to Article 10 of the PPE Directive 89/686/EEC under BSI issued certificate CE 01832	2797:20:8850715
August 2020	Addition of P3 filter variants	2797:20:3252132
February 2025	5-year certificate renewal under PPE Regulation (EU) 2016/425	2797:25:30310910

Note: The Certificate holder is responsible for keeping the Notified Body advised of changes to any aspect of the overall process used in the manufacture of the product.

## Monitoring of manufactured PPE

The EU Quality of Production by Monitoring requirements, Module D, for the product are referenced in BSI issued Certificate Number CE 01544.

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