

EU Type Examination Certificate

This is to certify that:

JSP Limited
Worsham Mill
Minster Lovell
Witney, Oxford
OX29 0TA
United Kingdom

Holds Certificate Number:

CE 682736

In respect of:

**Powered Air Filtering Devices Incorporating A Helmet Or Hood.
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):

Previous Notified Body: BSI 0086

First Issued: 2018-04-18

Latest Issue: 2019-09-12

Drs. Dave Hagenaaars, Managing Director

Effective Date: 2019-09-12

Expiry Date: 2023-04-21

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EU Type Examination Certificate

No. CE 682736

Product Details:

Product Type: Power assisted filtering respiratory system incorporating a bump cap

Model: **PowerCap® Active™**

Technical Specification: Harmonized European Standard EN 12941:1998 + A2:2008

EN 12941 Classification: Class TH1

The respiratory protective properties of the product assessment were based on BS EN 12941:1998 +A2:2008, the English language version of EN 12941:1998 + A2:2008 - Respiratory protective devices. Powered filtering devices incorporating a helmet or a hood.

The respiratory protective system consists of three basic elements, a model HardCap™ bump cap, a motor & filter assembly and a visor.

The motor and filter assembly and the faceshield are mounted on the peak of the cap. In operation, air is drawn through the filters and discharged behind the faceshield. The power for the motor is provided by a battery mounted at the rear of the bump cap.

The bump cap provides head protection in accordance with the requirements of BS EN 812:2012, the English language version of EN 812:2012, industrial bump caps, and has been independently assessed and CE marked. The faceshield is a vital part of the respiratory system but is not designed to provide eye protection.

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EU Type Examination Certificate

No. CE 682736

Product Details (continued):

Product Type: Power assisted filtering respiratory system incorporating a bump cap

Model: **PowerCap® Active™ ip**

Technical Specification: Harmonized European Standard EN 12941:1998 + A2:2008

EN 12941 Classification: Class TH1

The respiratory protective properties of the product assessment were based on BS EN 12941:1998 +A2:2008, the English language version of EN 12941:1998 + A2:2008 - Respiratory protective devices. Powered filtering devices incorporating a helmet or a hood.

The respiratory protective system consists of four basic elements, a model HardCap™ bump cap, a motor and filter assembly, a faceshield and a battery pack.

The motor and filter assembly and the faceshield are mounted on the peak of the bump cap. In operation, air is drawn through the filters and discharged behind the faceshield. The power for the motor is provided by either a belt mounted replaceable or rechargeable battery.

The bump cap provides head protection in accordance with the requirements of BS EN 812:2012, the English language version of EN 812:2012, industrial bump caps, and has been independently assessed and CE marked. The faceshield is designed to provide eye protection to EN 166:2001, optical class 1 with high speed particle medium energy impact (B), liquid droplets/liquid splashes (3). The faceshield assessment forming part of the assessment of the PowerCap® Active™ ip system.

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Product Specification (Continued)

Product Type:	Power assisted filtering respiratory system incorporating a helmet
Model:	PowerCap® Infinity®
Technical Specification:	Harmonized European Standard EN 12941:1998 + A2:2008
EN 12941 Classification:	Class TH3

The respiratory protective properties of the product assessment were based on BS EN 12941:1998 +A2:2008, the English language version of EN 12941:1998 + A2:2008 - Respiratory protective devices. Powered filtering devices incorporating a helmet or a hood.

The respiratory protective system consists of four basic elements, a model EVO®5, name only variant of EVO® Force 9+ industrial safety helmet, a motor and filter assembly, a faceshield and a battery pack. Audible & visual warning facilities are also present to inform users of issues regarding filter performance or battery life.

The motor and filter assembly and the faceshield are mounted on the peak of the industrial safety helmet. In operation, air is drawn through the filters and discharged behind the faceshield. The power for the motor is provided by a rechargeable battery.

The helmet provides head protection in accordance with the requirements of EN 397:2012 + A1:2012, industrial safety helmets, and has been independently assessed and CE marked. The faceshield forms a vital part of the respiratory system and meets the requirements of EN 166:2001, optical class one, ultraviolet filter scale 2-1.2, medium energy impact against high speed particles (B) & molten metal and hot solids (9).

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Product Details (Continued):

Product Type: Power assisted filtering respiratory system incorporating a helmet

Model: **Jetstream™ & Jetstream™ GV-X**

Technical Specification: Harmonized European Standard EN 12941:1998 + A2:2008

EN 12941 Classification: Class TH2 (Applies to both models)

The respiratory protective properties of the product assessment were based on BS EN 12941:1998 + A2:2008, the English language version of EN 12941:1998 + A2:2008 - Respiratory protective devices. Powered filtering devices incorporating a helmet or a hood.

The respiratory protective systems consists of a head unit and a waist-belt mounted air filter unit. The head unit, which can be one of two types detailed below, includes a breathing hose for connecting the unit to one of the two types of air filter unit detailed below.

The air filter unit consists of a motor/control unit with integral re-chargeable batteries onto which a JSP Jetstream bayonet fixing type filter is fitted.

Air Filter Unit: The respiratory protection provided by the systems is dependent upon the type of air filter unit and filters used for the system, and are as follows.

Jetstream™ Unit: EN 12941 class TH2 unit for use with a filter for particles.

Jetstream™ GV-X Unit: EN 12941 class TH2 unit for use with a filter for particles and/or organic gases and vapours with boiling points above 65°C.

Head Units:	Fabric hood with clear polycarbonate visor	No additional protection
	Clear PVC hood with polycarbonate visor	No additional protection
	TYVEK hood with polycarbonate visor	No additional protection
	Faceshield unit with clear visor	Additional eye protection (1)
	JSP MK VII industrial safety helmet with Visor	Additional eye and head protection (2)
	Cobra Welding Shield	Additional welding eye protection
	Auto Darkening Welding Shield	Additional welding eye protection

(1) Eye protection to EN 166:2001, optical class 1 visor with high speed particle medium energy impact (B), liquid droplets/liquid splashes (3), molten metal and hot solids (9).

(2) Head Protection to EN 397:2012+ A1:2012, with the -20°C performance and electrical insulation options, and eye protection to EN 166:2001, optical class 1 visor with high speed particle medium energy impact (B), liquid droplets/liquid splashes (3), molten metal and hot solids (9).

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Certificate administration details:

Technical File References: CAE602-941-100, CEA646-001-100.

Certificate Amendment Record:

Issue date	Comments	BSI Internal Project No.
April 2018	First Issue to the PPE Regulation 2016/425 EU. Product initially approved to Article 10 of the PPE Directive 89/686/EEC on BSI issued certificate CE 59716	0086:18:8849171
July 2019	Addition of Jetstream models. Product initially approved to Article 10 of the PPE Directive 89/686/EEC on BSI issued certificate CE 59716	0086:19:9775857

Certificate validity

The manufacturer is responsible for ensuring that the Notified Body is advised of changes to any aspect of the overall processes utilised in the manufacture of the product, failure so to do could invalidate the Certificate in respect of production following the introduction of such changes.

Monitoring of Manufactured PPE

The validity is also dependent upon the maintenance of the BSI issued PPE regulation Module D Certificate CE 690890 for the Module D process, the EC Quality of Production by Monitoring.

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