



EC 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 87704

In respect of:

**Industrial safety helmets to EN 397:2012+A1:2012, EN 50365:2002 and
Technical Specification CSP V10
Model range: Concept S08 and S09.**

On the basis of our examination, under the requirements of Council Directive 89/686/EEC "Personal Protective Equipment" Article 10, EC Type-Examination.

For and on behalf of BSI,
a Notified Body for the above Directive
(Notified Body Number 0086):

Gary Fenton, Global Assurance Director

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Latest Issue: 28/08/2014

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EC Type-Examination Certificate

No. CE 87704

Product Details

Product type:	Industrial safety helmet.
Model range:	Concept, see tables on pages 4 and 5 for variants within the range.
Technical specifications:	Harmonized European Standard EN 397:2012+A1:2012 Harmonized European Standard EN 50365:2002 Centurion Safety Products Technical Specification CSP V10.
Options and Classification:	See page 3.

Product Assessments

The assessments of the products were based on the following Harmonized European Standards and Technical Specification:

BS EN 397:2012+A1:2012, the English language version of EN 397:2012+A1:2012, industrial safety helmets,
BS EN 50365:2002, the English language version of EN 50365:2002, electrically insulating helmets for use on low voltage installations and
Centurion Safety Products Technical Specification CSP V10, industrial safety helmets.

The Technical Specification CSP V10 specifies requirements to demonstrate electrical insulation properties at 1000 Volts ac and shock and penetration performance at – 40°C.

The additional electrical properties option was based on the EN 397 option but with a higher voltage, the applied voltage being 2750 for the 1000 Volt protection claim, the 'safety factor' for this assessment being in the order of that within the EN 397 assessment.

The additional conditioning option was based on the low temperature option within EN 397 but with a temperature of – 40°C.

Basic Description:

The model range consists of two basic helmets having ABS shells, the S09 having a 'standard' peak and the S08 having a 'reduced' peak. Both types incorporated a LDPE headband with an HDPE kit bracket and a terylene tape cradle. Within the range there are a number of variations to the overall build standard of the basic helmet, see details in the tables on pages 4 and 5. The range could be fitted with a number of different CSP accessories that are attached via either the Connect or the Euro accessory clips.

First Issued: 7/09/2004

Latest Issue: 28/08/2014

EC Type-Examination Certificate

No. CE 87704

Helmet options, classification and product marking:

EN 397 Options	Marking symbol (where applicable)
Shock absorption and penetration at very low temperature	- 30°C (incorporated within CSP V10 - 40°C option)
Electrical properties (not applicable to all variants)	440 V a.c. (incorporated within CSP V10 1000V a.c option)
Lateral deformation	LD
Molten metal (not applicable to all variants)	MM

EN 50365 Classification:	Marking symbol (where applicable)
Class 0 (not applicable to all variants)	Class 0, Double Triangle symbol and Serial Number.

CSP V10 Options	Marking symbol (where applicable)
Shock absorption and penetration at very low temperature	- 40°C
Electrical properties (not applicable to all variants)	1000 V a.c.

First Issued: 7/09/2004

Latest Issue: 28/08/2014

EC Type-Examination Certificate

No. CE 87704

Product details

Size ranges – both model ranges:

Wheel ratchet headband: 52 – 64cm

Slip ratchet headband: 51 – 63cm

Model S08, Reduced Peak version - Connect Slot accessory attachment system.

Options and classification:

Product code	Detail variations	BS EN 397 and CSP V10 Options	BS EN 50365 Classification
S08*A	Base model.	- 40°C, 1000 V a.c., LD, MM	Class 0
S08*F	Ventilated shell.	- 40°C, LD, MM	Class 0
S08*FSH	Concept Miner, ventilated shell	- 40°C, LD	Class 0
S08*FSHM	Concept Miner, ventilated shell, with metal Lamp Bracket	- 40°C, LD	N/Ap
S08*L	Linesman harness.	- 40°C, 1000 V a.c., LD, MM	Class 0
S08*R	Roofer ratchet headband.	- 40°C, 1000 V a.c., LD, MM	Class 0
S08*RJ	Ventilated shell (complete with vent plugs), with Roofer ratchet headband, Hydroflock sweatband.	- 40°C, LD, MM	Class 0
S08*RWJ	Ventilated shell (complete with vent plugs), with Roofer ratchet headband, Vabon sweatband.	- 40°C, LD, MM	Class 0
S08*SH	Concept Miner	- 40°C, 1000 V a.c., LD	Class 0
S08*SHM	Concept Miner, with metal Lamp Bracket	- 40°C, LD	N/Ap

* Denotes shell colour.

N/Ap: Variant does not meet the BS EN 50365 requirements.

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Latest Issue: 28/08/2014

EC Type-Examination Certificate

No. CE 87704**Model S08, Reduced Peak version - Euro Slot accessory attachment system (continued).**

Product Code	Detail variations	BS EN 397 and CSP V10 Options	BS EN 50365 Classification
S08E*A	Base model.	- 40°C, 1000 V a.c., LD, MM	Class 0
S08E*F	Ventilated shell.	- 40°C, LD, MM	Class 0
S08E*FSH	Concept Miner, ventilated shell	- 40°C, LD	Class 0
S08E*FSHM	Concept Miner, ventilated shell, with metal Lamp Bracket	- 40°C, LD	N/Ap
S08E*L	Linesman harness.	- 40°C, 1000 V a.c., LD, MM	Class 0
S08E*R	Roofer ratchet headband.	- 40°C, 1000 V a.c., LD, MM	Class 0
S08E*RJ	Ventilated shell (complete with vent plugs), with Roofer ratchet headband.	- 40°C, LD, MM	Class 0
S08E*RWJ	Ventilated shell (complete with vent plugs), with Roofer ratchet headband, Vabon sweatband.	- 40°C, LD, MM	Class 0
S08E*SH	Concept Miner	- 40°C, 1000 V a.c., LD	Class 0
S08E*SHM	Concept Miner, with metal Lamp Bracket	- 40°C, LD	N/Ap

* Denotes shell colour.

N/Ap: Variant does not meet the BS EN 50365 requirements.

First Issued: 7/09/2004

Latest Issue: 28/08/2014

EC Type-Examination Certificate

No. CE 87704**Product variant details****Model S09, Standard Peak version - Connect Slot accessory attachment system**

Product Code	Detail variations	BS EN 397 and CSP V10 Options	BS EN 50365 Classification
S09*A	Base model.	- 40°C, 1000 V a.c., LD, MM	Class 0
S09*F	Ventilated shell.	- 40°C, LD, MM	Class 0
S09*FSH	Concept Miner, ventilated shell	- 40°C, LD	Class 0
S09*FSHM	Concept Miner, ventilated shell, with metal Lamp Bracket	- 40°C, LD	N/Ap
S09*L	Linesman harness	- 40°C, 1000 V a.c., LD, MM	Class 0
S09*R	Roofer ratchet headband	- 40°C, 1000 V a.c., LD, MM	Class 0
S09*RJ	Ventilated shell (complete with vent plugs), with Roofer ratchet headband, Hydroflock sweatband.	- 40°C, LD, MM	Class 0
S09*RWJ	Ventilated shell (complete with vent plugs), with Roofer ratchet headband, Vabon sweatband.	- 40°C, LD, MM	Class 0
S09*SH	Concept Miner	- 40°C, 1000 V a.c., LD	Class 0
S09*SHM	Concept Miner, with metal Lamp Bracket	- 40°C, LD	N/Ap

* Denotes shell colour.

N/Ap: Variant does not meet the BS EN 50365 requirements.

First Issued: 7/09/2004

Latest Issue: 28/08/2014

EC Type-Examination Certificate

No. CE 87704

Model S09, Standard Peak version - Euro Slot accessory attachment system (continued).

Product Code	Detail variations	BS EN 397 and CSP V10 Options	BS EN 50365 Classification
S09E*A	Base model.	- 40°C, 1000 V a.c., LD, MM	Class 0
S09E*F	Ventilated shell.	- 40°C, LD, MM	Class 0
S09E*FSH	Concept Miner, ventilated shell	- 40°C, LD	Class 0
S09E*FSHM	Concept Miner, ventilated shell, with metal Lamp Bracket	- 40°C, LD	N/Ap
S09E*L	Linesman harness.	- 40°C, 1000 V a.c., LD, MM	Class 0
S09E*R	Roofer ratchet headband.	- 40°C, 1000 V a.c., LD, MM	Class 0
S09E*RJ	Ventilated shell (complete with vent plugs), with Roofer ratchet headband, Hydroflock sweatband.	- 40°C, LD, MM	Class 0
S09E*RWJ	Ventilated shell (complete with vent plugs), with Roofer ratchet headband, Vabon sweatband.	- 40°C, LD, MM	Class 0
S09E*RWNP-SH11	Concept, with rear holes, ratchet headband, Vabon sweatband and pad print	- 40°C, 1000 V a.c., LD	Class 0
S09E*SH	Concept Miner	- 40°C, LD	N/Ap
S09E*SHM	Concept Miner, with metal Lamp Bracket	- 40°C, LD	N/Ap

* Denotes shell colour.

N/Ap: Variant does not meet the BS EN 50365 requirements.

First Issued: 7/09/2004

Latest Issue: 28/08/2014

EC Type-Examination Certificate

No. CE 87704**Spares and accessories common to both S08 and S09 product ranges:**

Part Number	Spares and accessories
S30C	Cotton chinstrap
S30E	Elasticated chinstrap
S30L	Leather chinstrap
S30LBCC	Helmet Lamp Bracket and Cable Clip
S30VP	Concept vent plugs
S30Y	Linesman chinstrap
S31F	Hydro-flock sweatband
S31N	Brushed nylon sweatband
S31P	PVC sweatband
S31W	Vabon sweatband
S33/3	Terylene cradle, large
S33/30	Terylene cradle and cradle assembly complete with Hydro Flock sweatband
S36	Aluminised neck cape
S50	Cold weather system
S565	Euro accessory clips
S570	Connect accessory clips

First Issued: 7/09/2004

Latest Issue: 28/08/2014

EC Type-Examination Certificate

No. CE 87704**Certificate Administration Details.****Technical File Reference:** CSP Concept S08/S09**Certificate Amendment and related internal BSI Review Record:**

Issue date	Comments	BSI Review No.
07 September 2004	First issue: Models S08 and S09.	0086:04:1509
4 August 2009	Reference to EN 50365 added and detail variations added for the S08 and S09.	0086:7336228
19 August 2009	Detail variations added for the S08 and S09.	0086:7336228/1
02 September 2009	Amendment to S08 and S09 detail.	0086:7336228/2
18 December 2013	Reference to the 1995 version of the industrial safety helmet standards removed. Variants S08*FSHM, S08*SHM, S08E*FSHM, S08E*SH, S08E*SHM, S09*FSHM, S09*SHM, S09E*FSHM, S09E*SH, S09E*SHM and Spare Part No. S30LBCC added. Variants S08*HY, S08*HSY, S08E*HY, S08E*HSY, S09*HY, S09*HSY, S09E*HY and S09E*HSY removed – no longer manufactured.	0086:8079505
Latest Issue	Notes referencing EN 397 and CSP V10 electrical properties and EN 50365 performance have been clarified.	0086:8197070

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.

The validity of the Certificate is also dependent on the maintenance of the EC quality of production by monitoring system, PPE Article 11B, as referenced on BSI Certificate CE 01544.

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