

EC Type-Examination

No. CE 87704



Issued to:

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

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In respect of:

Industrial safety helmets to EN 397:1995 and EN 50365:2002
Model range: Concept S08 and S09
See details on pages 2 to 7.

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 the British Standards Institution, a Notified Body for the above Directive (Notified Body Number 0086):

David Ford, Director, Healthcare and Testing Services

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Product Details

Product type:	Industrial safety helmet.
Model range:	Concept, see tables on pages 4 and 5 for variants within the range.
Technical specification:	Harmonized European Standard EN 397:1995 Harmonized European Standard EN 50365:2002 Centurion Safety Products Technical Specification CSP V10.
EN 397 classifications:	Mandatory requirements plus the following options: Very low temperature, -30°C option (symbol -30°C) Electrical insulation properties (symbol 440V ac).
EN 50365 classification:	Class 0.
CSP V10 classification:	Very low temperature, -40°C option (symbol -40°C) Electrical insulation properties for insulation against 1000 Volts ac.

The assessments of the products were based on specification BS EN 397:1995, the English language version of EN 397:1995, industrial safety helmets, both documents incorporating Amendment No. 1, and BS EN 50365:2002, the English language version of EN 50365:2002, electrically insulating helmets for use on low voltage installations.

In addition the products were assessed against the requirements of Centurion Safety Products Technical Specification CSP V10 to demonstrate electrical insulation properties at 1000 Volts ac and performance at -40°C. The additional electrical insulation 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.

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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, see details in the table on page six.

Helmet options and product marking:

EN 397:1995

Option	Marking
Very low temperature (1) and (2)	- 30°C (1) and - 40°C (2)
Electrical insulation (1) and (2)	440 V ac (1) and 1000 V ac (2)
Lateral deformation (1)	LD
Molten metal (1)	MM

EN 50365

Marking: Double triangle symbol, class 0 and serial number.

(1) EN 397 option.

(2) CSP Technical Specification CSP V10 option.

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Product variant details, model S08, reduced peak version

Part number	Accessory Attachment Type	Detail variations
S08	Connect slots	
S08*F	Connect slots	Ventilated shell.
S08*FSH	Connect slots	Reduced Peak Concept Miner Vented
S08*HY	Connect slots	Reduced Peak Concept lamp bracket and Heyco clip
S08*HSY	Connect slots	Reduced Peak Concept Stave lamp bracket and Heyco clip
S08*L	Connect slots	Linesman harness.
S08*R	Connect slots	Roofer ratchet headband.
S08*RJ	Connect slots	Ventilated shell (complete with vent plugs), Roofer ratchet headband, Hydroflock sweatband.
S08*RWJ	Connect slots	Ventilated shell (complete with vent plugs), Roofer ratchet headband, Vabon sweatband.
S08*SH	Connect slots	Reduced Peak Concept Miner
S08E	Euro slots	
S08E*F	Euro slots	Ventilated shell.
S08E*FSH	Euro slots	Reduced Peak Concept Miner Vented
S08E*HY	Euro slots	Reduced Peak Concept lamp bracket and Heyco clip
S08E*HSY	Euro slots	Reduced Peak Concept Stave lamp bracket and Heyco clip
S08E*L	Euro slots	Linesman harness.
S08E*R	Euro slots	Roofer ratchet headband.
S08E*RJ	Euro slots	Ventilated shell (complete with vent plugs), Roofer ratchet headband.
S08E*RWJ	Euro slots	Ventilated shell (complete with vent plugs), Roofer ratchet headband, Vabon sweatband.

* Denotes shell colour.

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Product variant details, model S09, Standard peak version.

Part number	Accessory Attachment Type	Detail variations
<u>S09</u>	<u>Connect slots</u>	
S09*F	Connect slots	Ventilated shell.
S09*FSH	Connect slots	Full Peak Concept Miner vented
S09*HY	Connect slots	Full Peak Concept lamp bracket and Heyco clip
S09*HSY	Connect slots	Full Peak Concept Stave lamp bracket with Heyco clip
S09*L	Connect slots	Linesman harness.
S09*R	Connect slots	Roofer ratchet headband.
S09*RJ	Connect slots	Ventilated shell (complete with vent plugs), Roofer ratchet headband, Hydroflock sweatband.
S09*RWJ	Connect slots	Ventilated shell (complete with vent plugs), Roofer ratchet headband, Vabon sweatband.
S09*SH	Connect slots	Full Peak Concept Miner
<u>S09E</u>	<u>Euro slots</u>	
S09E*F	Euro slots	Ventilated shell.
S09E*FSH	Euro slots	Full Peak Concept Miner Vented
S09E*HY	Euro slots	Full Peak Concept lamp bracket and Heyco clip
S09E*HSY	Euro slots	Full Peak Concept Stave lamp bracket and Heyco clip
S09E*L	Euro slots	Linesman harness.
S09E*R	Euro slots	Roofer ratchet headband.
S09E*RJ	Euro slots	Ventilated shell (complete with vent plugs), Roofer ratchet headband, Hydroflock sweatband.
S09E*RWJ	Euro slots	Ventilated shell (complete with vent plugs), Roofer ratchet headband, Vabon sweatband.
S09E*RWNP-SH11	Euro slots	Concept with rear holes, ratchet, Vabon sweatband and pad print

* Denotes shell colour.

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Spares and accessories:

Part Number	Spares and accessories
S30C	Cotton chinstrap
S30E	Elasticated chinstrap
S30L	Leather chinstrap
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

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CERTIFICATE ADMINISTRATION DETAILS

Technical File Reference: CSP Concept S08/S09

Certificate Amendment and related confidential BSI Report Record

Issue date	Comments	Report Number
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

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 1544.

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