



## 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 588284**

In respect of:

**Model Range S20 Spectrum Industrial safety helmets with integral eye protection  
To EN 397:2012+A1:2012, EN 50365:2002, EN 166:2001 and Technical Specification CSP V10**

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 Product Certification Director**

First Issued: 13/02/2013

Latest Issue: 06/01/2016

## EC Type Examination Certificate

No. CE 588284

### Product Specification

**Range:** Spectrum

**Product Description:** The S20 Spectrum product is an industrial safety helmet with an integral moulded Polycarbonate Over Spectacle eye protector. The eye protector is designed to be retracted from the wearer's line of sight into a cavity between the shell of the helmet and the cradle. It can fit over prescription spectacles if required and it is replaceable by the end user. There are a number of variations in the build standard of the product, see details below.

Shell: ABS, vented and non vented versions  
 Harness Cradle: Terylene webbing system with 6 mounting points  
 Headband/nape strap: LDPE with fitted sweatband  
 Adjustment system: Slip Ratchet as standard, or Wheel Ratchet  
 Chin strap anchorages: 2 Point Fixing or Linesman 4 Point Fixing

The helmet incorporates the CSP Connect or Euro Accessory Slots to facilitate the fitment of Centurion Safety Products Ltd face and hearing protection accessories.

### Models in Range:

Product code	Description/Classification
S20*A	Spectrum non vented with Slip Ratchet, -40°C, 1000V a.c., LD, MM, EN 50635 Class 0
S20*F	Spectrum vented with Slip Ratchet, -40°C, LD, MM, EN 50635 Class 0
S20*L	Spectrum non vented Linesman 4 Point Fixing Harness, -40°C, 1000V a.c., LD, MM, EN 50635 Class 0
S20*LF	Spectrum vented Linesman 4 Point Fixing Harness, -40°C, LD, MM, EN 50635 Class 0
S20*R	Spectrum non vented with Wheel Ratchet, -40°C, 1000V a.c., LD, MM, EN 50635 Class 0
S20*RF	Spectrum vented with Wheel Ratchet, -40°C, LD, MM, EN 50635 Class 0
S20*S30YE (1)	Spectrum non vented with Slip Ratchet, Elasticated Linesman 4 Point Fixing Harness, -40°C, 1000V a.c., LD, MM, EN 50635 Class 0
S20*FS30YE (1)	Spectrum vented with, Slip Ratchet Elasticated Linesman 4 Point Fixing Harness, -40°C, LD, MM, EN 50635 Class 0
S20*SH (1)	Spectrum non vented with Slip Ratchet, Lamp Bracket and Cable Clip. -40°C, 1000V a.c., LD, EN 50635 Class 0
S20*FSH (1)	Spectrum vented with Slip Ratchet, Lamp Bracket and Cable Clip, -40°C, LD, EN 50635 Class 0

### Notes:

\* denotes the helmet shell colour  
 (1) Also available with Wheel Ratchet (R)  
 All variants can have brand information presented on a padprint (P) or label (L)

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Page: 2 of 4

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## EC Type Examination Certificate

No. CE 588284

### Product Specification (continued)

**Size range:** Wheel Ratchet headband: 52 - 64 cm  
Slip Ratchet headband: 51 - 63 cm

<b>Eye protectors:</b>	<b>Product code</b>	<b>Description/Classification</b>
	S576	Moulded Polycarbonate – Clear, EN 166, 2C-1,2 1BT
	S576SE	Moulded Polycarbonate – Smoke Grey, EN 166, 5-3,1 1BT

<b>Spares and Accessories:</b>	<b>Product code</b>	<b>Description</b>
	S576	Replacement Over Spectacles - Clear
	S576SE	Replacement Over Spectacles – Smoke Grey
	S30C	Cotton Chinstrap
	S30E	Elasticated Chinstrap
	S30L	Leather Chinstrap
	S30SLBCC	Helmet Lamp Bracket and Cable Clip for Spectrum
	S30QRC	Quick Release Chinstrap
	S30Y	Linesman 4 Point Harness
	S30YE	Elasticated Linesman 4 Point Harness
	S31F	Hydro-Flock Sweatband
	S31N	Brushed Nylon Sweatband
	S31P	PVC Sweatband
	S31W	Vabon Sweatband
	S33/30	Terylene Cradle Assembly with Slip Ratchet and Hydro-Flock Sweatband
	S33/31	Terylene Cradle Assembly with Wheel Ratchet and Hydro-Flock Sweatband
	S36	Aluminised Neck Cape
	S50	Cold Weather Hood System
	S51HVY/HVO	Sun Capes
	S565	Euro Accessory Clips
	S570	Connect Accessory Clips

<b>Technical Specifications:</b>	<b>EN 397:2012+A1:2012 - Industrial safety helmets</b>	
	<b>Classifications</b>	<b>Performance</b>
	-30°C	Very low temperature (incorporated within CSP V10 -40°C option)
	440 V a.c.	Electrical properties (incorporated within CSP V10 1000V a.c option)
	LD	Lateral deformation
	MM	Molten metal

First Issued: 13/02/2013

Latest Issue: 06/01/2016

Page: 3 of 4

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No. CE 588284

### Product Specification (continued)

**Technical Specifications (continued):** **Centurion Safety Products Technical Specification CSP V10.**

<b>Classification</b>	<b>Performance</b>
-40°C	Very low temperature
1000 V a.c.	Electrical properties

**EN 166:2001 - Personal eye-protection. Specifications.**

<b>Classification</b>	<b>Performance</b>
2C-1,2	EN 170 Ultraviolet filters, with good colour recognition
5-3,1	EN 172 Sunglare filters for industrial use
1	Optical class
BT	High speed particles - medium energy impact at extremes of temperature

**EN 50365:2002 - Electrically insulating helmets for use on low voltage installations.**

### Certificate Administration Details

Technical File Reference: 'S20 Spectrum'

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

<b>Issue date</b>	<b>Comments</b>	<b>BSI Project Ref.</b>
February 2013	First issue: Model S20 Spectrum.	0086:13:7847714
December 2013	Reference to the 1995 version of the industrial safety helmet standards removed and reference to Spare Part No. S30SLBCC added.	0086:13:8079504
August 2014	EN 50365 classification details added and notes referencing EN 397 and CSP V10 electrical properties have been clarified.	0086:14:8197069
January 2016	Additional visor model S576SE added.	0086:14:8293130

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 EC Quality of Production by Monitoring requirements, Article 11B, for the product are referenced in BSI issued Certificate Number CE 01544.

First Issued: 13/02/2013

Latest Issue: 06/01/2016

Page: 4 of 4

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