

# 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 653636

In respect of:

**Model Nexus Industrial Safety Helmet**  
**To EN 397: 2012+A1:2012, EN 50365:2002 and Centurion Safety Products 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: 2016-07-19

Latest Issue: 2017-06-12

# EC Type Examination Certificate

No. CE 653636

## Product Specification

**Range:** S16 Nexus Core and Linesman

**Product Description:** Safety Helmet with micro peak, the Nexus Core can be customised to cover a vast array of International Standards. For versions complying with EN 397. There are a number of variations in the build standard of the product, see details below. The helmets are suitable for use in explosive atmospheres with accessories as shown on page 4.

Shell: ABS, vented and non vented versions  
Cradle: 6 point Terylene webbing  
Headband: LDPE with fitted sweatband  
Sweatband: Dry-Tech (Polyester)  
Adjustment system: Slip ratchet or Wheel Ratchet  
Chin strap: 2 Point Chinstrap or EN 397 4 Point Chinstrap fitted  
Size: 51-63 cm

<b>Models in Range:</b>	Product code	Description/Classification
	S16E*R	Nexus Core, non vented, wheel ratchet, 2 point chinstrap or EN 397 4 point harness, -30°C, 440 V a.c, LD, MM, EN 50365 Class 0, CSP V10 - 40°C & 1000 V a.c.
	S16E*RF	Nexus Core, vented, wheel ratchet, 2 point chinstrap or EN 397 4 point harness, -30°C, LD, MM, EN 50365 Class 0, CSP V10 - 40°C
	S16E*A	Nexus Core, non vented, slip ratchet, 2 point chinstrap or EN 397 4 point harness, -30°C, 440 V a.c, LD, MM, EN 50365 Class 0, CSP V10 - 40°C & 1000 V a.c.
	S16E*F	Nexus Core, vented, slip ratchet, 2 point chinstrap or EN 397 4 point harness, -30°C, LD, MM, EN 50365 Class 0, CSP V10 - 40°C
	S16E*RL	Nexus Linesman, non vented, wheel ratchet, S30LY - Linesman EN 397 4 point harness, -30°C, 440 V a.c, LD, MM, EN 50365 Class 0, CSP V10 - 40°C & 1000 V a.c.
	S16E*L	Nexus Linesman, non vented, slip ratchet, S30LY - Linesman EN 397 4 point harness, -30°C, 440 V a.c, LD, MM, EN 50365 Class 0, CSP V10 - 40°C & 1000 V a.c.
	S16E*LF	Nexus Linesman, vented, slip ratchet, S30LY - Linesman EN 397 4 point harness, -30°C, LD, MM, EN 50365 Class 0, CSP V10 - 40°C

**Notes:** \* denotes the helmet shell colour

All variants can have brand information presented on a padprint (P) or label (L)

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## Product Specification (continued)

Spares and Accessories:	Product code	Description
	S30C	Cotton Chinstrap
	S30E	Elasticated Chinstrap
	S30L	Leather Chinstrap
	S30QRC	Quick Release Chinstrap
	S30Y	4 point quick release EN 397 Linesman Black Harness (Unbranded)
	S30LY	4 point quick release EN 397 Linesman Black Harness (Branded)
	S30NLNY	S30NY replaceable 4 point adjustable EN 12492 Blue Harness and S30NL Liner to convert Nexus Core to Heightmaster (vented shell only)
	S31D	Dry-Tech sweatband
	S31F	Hydro-Flock Sweatband
	S31N	Brushed Nylon Sweatband
	S31P	PVC Sweatband
	S31W	Vabon Sweatband
	S33/34	Terylene Cradle with Dry-Tech Sweatband
	S33/35	Terylene Cradle with Premium 'Twist2Fit' Ratchet and Dry-Tech Sweatband
	S50	Cold weather hood system
	S589	Retractable eyeshield Clear 2C-1,2 1F UV filter
	S589SE	Retractable eyeshield Smoke Grey 5-3,1 1F Sunglare filter
	S565	Euro accessory clips
	S41E	Baltic Ear Defender with Euro Clip
	S42E	Aegean Ear Defender with Euro Clip
	S54E	Visor Carrier
	S55	Visor Carrier
	S810	Clear polycarbonate screen 2C-1,2 1BT 3 8 9
	S30*NHIRS	High Intensity Reflective Stickers

\* denotes colour

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## Product Specification (continued)

<b>Technical Specifications:</b>	EN 397:2012+A1:2012 industrial safety helmets
Classifications	Performance
-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
	EN 50365:2002 Electrically insulating helmets for use on low voltage installations
Classifications	Performance
0	Nominal voltage of up to 1000 V a.c. and 1500 V d.c.
	Centurion Safety Products Technical Specification CSP V10
Classifications:	Performance:
- 40°C	Very low temperature
1000 V a.c.	Electrical properties
	EN 166:2001 Personal eye-protection - Specifications
Classifications	Performance
F	Low energy impact
BT	Medium energy impact at extremes of temperature
2C-1,2	UV Filter with enhanced colour recognition
5-3,1	Sunglare filter
3	Liquids (droplets or splashes)
8	Short circuit electric arc
9	Molten metals and hot solids

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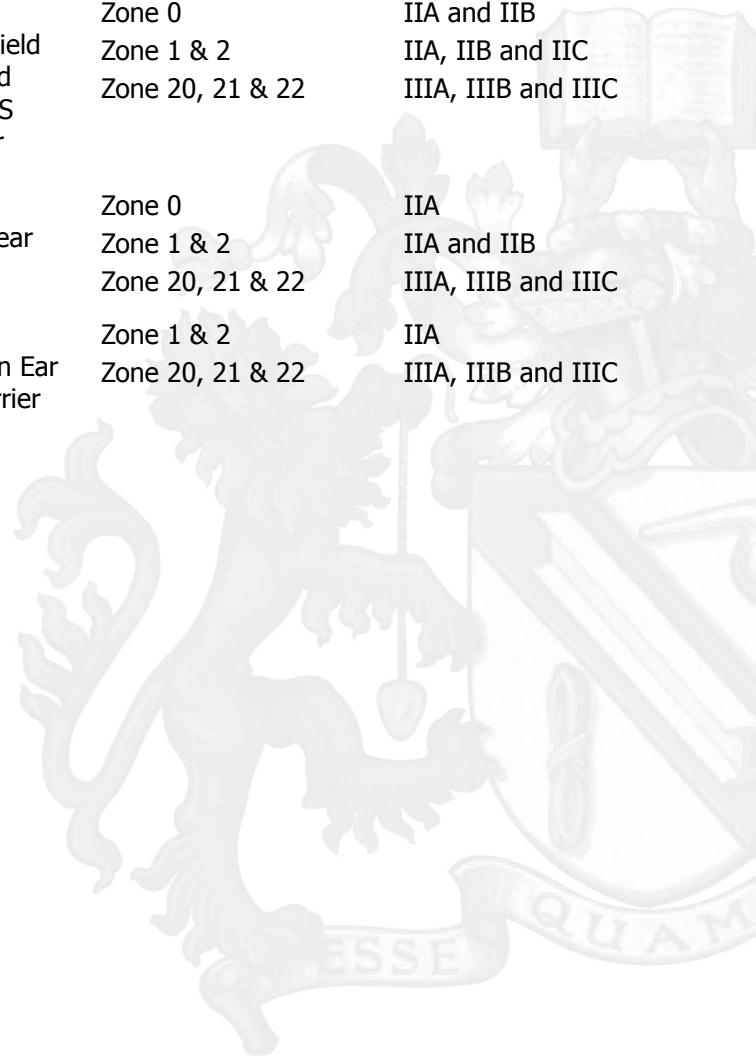
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## Product Specification (continued)

<b>Additional Classifications:</b>	IEC 60079-32-2:2015 Electrostatics hazards — Tests Helmet and accessories	Hazardous area (Zone as per Directive 999/92/EC) Zone 0 Zone 1 & 2 Zone 20, 21 & 22	Group (as per DIN EN 60079-0)  IIA and IIB IIA, IIB and IIC IIIA, IIIB and IIIC
	Nexus Core and Linesman in combination with S589 eye shield clear and/or S589SE eye shield smoke grey and/or S30*NHIRS high intensity reflective sticker		
	Nexus Core and Linesman in combination with S41E Baltic ear defender	Zone 0 Zone 1 & 2 Zone 20, 21 & 22	IIA IIA and IIB IIIA, IIIB and IIIC
	Nexus Core and Linesman in combination with S42E Aegean Ear Defender and/or S55 visor carrier and S810 polycarbonate clear screen	Zone 1 & 2 Zone 20, 21 & 22	IIA IIIA, IIIB and IIIC



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## Certificate Administration Details

Technical File Reference: 'S16 Nexus Core'

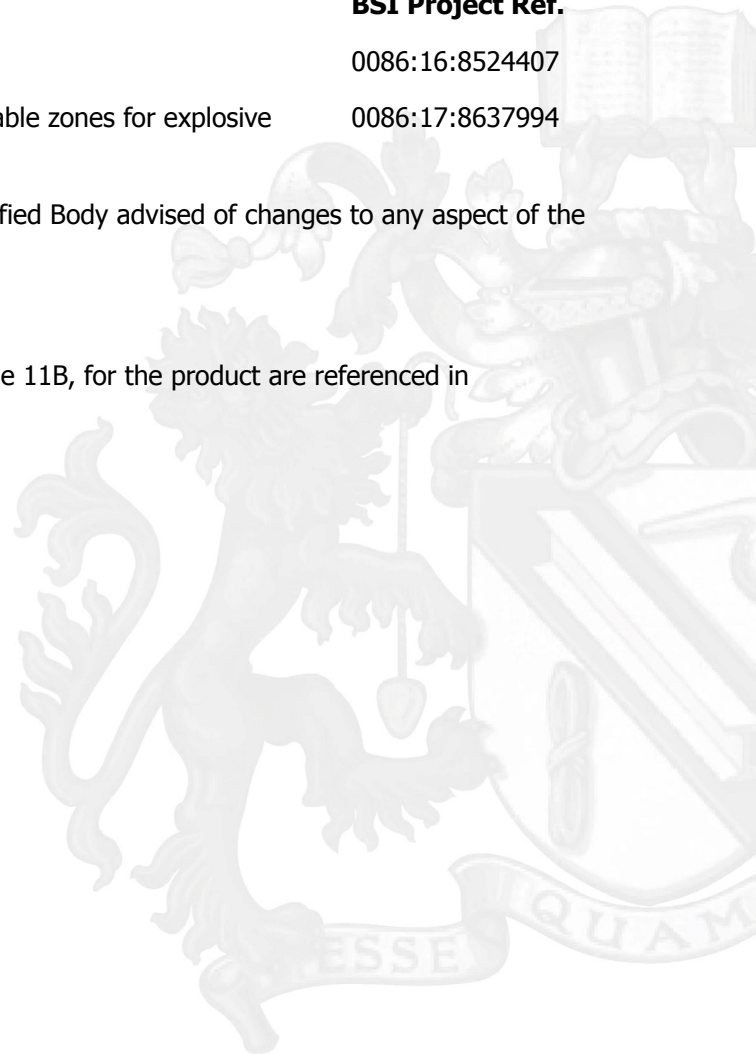
## Certificate Administration Record and BSI internal Technical File Review reference

Issue date	Comments	BSI Project Ref.
July 2016	Initial issue	0086:16:8524407
June 2017	Addition of EN 166 and classification of suitable zones for explosive atmospheres	0086:17:8637994

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



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