

UKCA 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:

UKCA 746173

In respect of:

Model Nexus Heightmaster helmet for mountaineers to EN 12492:2012 and Nexus Heightmaster Elec

On the basis that BSI carried out the relevant Type Examination procedures under the requirements with the Regulation 2016/425 on Personal Protective Equipment, as amended to apply in GB (PPE) Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II.

For and on behalf of BSI, an Approved
Body for the above Regulation
(Approved Body Number 0086):



Shahm Barhom, Group Product Certification Director

First Issued: 2021-12-16

Latest Issue: 2024-03-08

Effective Date: 2024-03-08

Expiry Date: 2026-12-16



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Product Specification

Range: S16 Nexus Heightmaster and Nexus Extreme Mips

Product Description: S16 Nexus Heightmaster safety helmet with micro peak for working at height. Fitted with a 6-point Terylene webbing cradle, wheel ratchet LDPE headband adjustment and Dry-Tech sweatband. Includes a liner for impact and penetration protection and includes a replaceable 4 point adjustable chinstrap. The helmets are suitable for use in explosive atmospheres with accessories as shown on page 3.

S16 Nexus Extreme Mips safety helmet with micro peak. Fitted with a 6-point Terylene webbing cradle which is available with wheel ratchet LDPE headband adjustment and a Mips Active Comfort sweatband with elastic cord for comfortable fit. Includes a liner for impact and penetration protection, a replaceable 4-point adjustable chinstrap and a Mips low friction layer insert as an added rotational injury solution which is fitted over the liner and Terylene cradle. The Mips insert is made of Polyketone polymer Blend material.

Shell:	Micro peaked, ABS ventilated shell
Liner:	EPS (Expanded Polystyrene)
Cradle:	6 Point Terylene webbing
Headband:	LDPE (Low Density Polyethylene)
Sweatband:	Dry-Tech (Polyester) or Active Comfort sweatband
Chinstrap:	Polyester and Acetal Clips
Size:	53-63 cm

Models in Range: Nexus Heightmaster, vented, dry-tech sweatband, wheel ratchet, 4-point chinstrap, EN 397, LD -30°C, EN 50365 Class 0, CSP V10 - 40°C

Nexus Extreme Mips, vented, Comfort sweatband with elastic cord, wheel ratchet, 4-point chinstrap, EN397, LD, -30°C EN 50365 Class 0, CSP V10 -40°C

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

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Product Specification (continued)

Spares and Accessories:	Item
	Heightmaster 4 point adjustable EN 12492 Grey Harness
	Heightmaster EN 12492 Liner
	Dry-Tech sweatband
	Terylene Cradle with Premium 'Twist2Fit' Ratchet and Dry-Tech Sweatband
	Retractable eyeshield Clear 2C-1,2 1F UV filter
	Retractable eyeshield Smoke Grey 5-3,1 1F Sunglare filter
	Euro accessory clip
	Classic Face Screen Carrier
	Contour Face Screen Carrier
	Scala X Ear Defenders
	Scala XI Ear Defenders
	Contour X General Purpose Clear polycarbonate screen 2C-1,2 1BT 3 8 9
	High Intensity Reflective Stickers
	Vizlite DT PSA helmet stickers

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Product Specification (continued)

Technical Specifications:	EN 12492:2012 Mountaineering equipment — Helmets for mountaineers — Safety requirements and test methods
Additional classifications:	EN 397:2012+A1:2012 industrial safety helmets
	Classifications Performance
	-30°C Very low temperature (incorporated within CSP V10 - 40°C option)
	LD Lateral deformation
	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
	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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Product Specification (continued)

Additional classifications (continued):	IEC 60079-32-2:2015 Electrostatics hazards — Tests		
	Helmet and accessories	Hazardous area (Zone as per Directive 999/92/EC)	Group (as per DIN EN 60079-0)
Nexus Heightmaster in combination with S589 eye shield clear and/or S589SE eye shield smoke grey and/or S30*NHIRS high intensity reflective sticker		Zone 0	IIA and IIB
		Zone 1 & 2	IIA, IIB and IIC
		Zone 20, 21 & 22	IIIA, IIIB and IIIC
Nexus Heightmaster in combination with S71CE Scala X Ear Defenders		Zone 0	IIA
		Zone 1 & 2	IIA and IIB
		Zone 20, 21 & 22	IIIA, IIIB and IIIC
Nexus Heightmaster in combination with S72CE Scala XL Ear Defenders and/or S55 visor carrier and S810 polycarbonate clear screen		Zone 1 & 2	IIA
		Zone 20, 21 & 22	IIIA, IIIB and IIIC

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Product Specification

Model:	S16 Nexus Heightmaster Elec, to CSP V10 based on EN 12492:2012 with the exception of clause 4.1.1 for ventilation.														
Range:	S16 Nexus Heightmaster Elec (Non vented)														
Product Description:	<p>S16 Nexus Heightmaster Elec, non vented with micro peak. Fitted with 6 point Terylene webbing cradle which is available with wheel ratchet, LDPE headband adjustment and a Mips Active Comfort sweatband with elastic cord for comfortable fit. Includes a liner for impact and penetration protection, a replaceable 4-point adjustable chinstrap.</p> <table><tr><td>Shell:</td><td>Micro Peaked, ABS non vented shell</td></tr><tr><td>Liner:</td><td>EPS Expanded Polystyrene</td></tr><tr><td>Cradle:</td><td>6 Point Terylene webbing</td></tr><tr><td>Headband:</td><td>LDPE (Low Density Polyethylene)</td></tr><tr><td>Sweatband:</td><td>Dry-Tech (Polyester) or Active Comfort sweatband</td></tr><tr><td>Chinstrap:</td><td>Polyester and Acetal Clips</td></tr><tr><td>Size:</td><td>53-63 cm</td></tr></table>	Shell:	Micro Peaked, ABS non vented shell	Liner:	EPS Expanded Polystyrene	Cradle:	6 Point Terylene webbing	Headband:	LDPE (Low Density Polyethylene)	Sweatband:	Dry-Tech (Polyester) or Active Comfort sweatband	Chinstrap:	Polyester and Acetal Clips	Size:	53-63 cm
Shell:	Micro Peaked, ABS non vented shell														
Liner:	EPS Expanded Polystyrene														
Cradle:	6 Point Terylene webbing														
Headband:	LDPE (Low Density Polyethylene)														
Sweatband:	Dry-Tech (Polyester) or Active Comfort sweatband														
Chinstrap:	Polyester and Acetal Clips														
Size:	53-63 cm														
Models in Range:	Nexus Heightmaster ELEC, Non Vented, dry-tech sweatband, wheel ratchet, 4-point chinstrap, CSP V10, EN 397, LD -30°C, EN 50365 Class 0, CSP V10 - 40°C														
Notes:	All variants can have brand information presented on a padprint (P) or label (L)														
Spares and Accessories:	<p>Item</p> <p>Heightmaster 4 point adjustable EN 12492 Grey Harness</p> <p>Heightmaster EN 12492 Liner</p> <p>S30NY replaceable 4 point adjustable EN 12492 Blue Harness and S30NL Liner to convert Nexus Core to Heightmaster (vented shell only)</p> <p>Dry-Tech sweatband</p> <p>Terylene Cradle with Dry-Tech sweatband</p> <p>Terylene Cradle with Premium "Twist2Fit" Ratchet and Dry-Tech sweatband</p> <p>Retractable eyeshield Clear 2C-1,2 1F UV filter</p> <p>Retractable eyeshield Smoke Grey 5-3,1 1F Sunglare filter</p> <p>Euro accessory clip</p> <p>Visor Carrier</p> <p>Contour Visor Carrier</p> <p>Contour X General Purpose Facescreen</p> <p>Contour XI Multi-Purpose Facescreen 2C-1,2 1BT 3 8 9</p> <p>High Intensity Reflective Stickers</p>														

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Product specification (continued)

Technical Specifications: Centurion Safety Products Technical specification CSP V10, Tested to the requirements of EN 12492:2012 Mountaineering equipment – working at height helmet and is without ventilation to meet the requirements EN 397:2012+A1:2012 440V electrical and ANSI ANSI Z89.1:2014 Type 1 class E

Additional classifications: EN 397:2012+A1:2012 industrial safety helmets

Classifications	Performance
-30°C	Very low temperature (incorporated within CSP V10 - 40°C option)
LD	Lateral deformation

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

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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Product Specification (continued)

Additional classifications (continued):	IEC 60079-32-2:2015 Electrostatics hazards — Tests		
	Helmet and accessories	Hazardous area (Zone as per Directive 999/92/EC)	Group (as per DIN EN 60079-0)
	Nexus Heightmaster in combination with S589 eye shield clear and/or S589SE eye shield smoke grey and/or S30*NHIRS high intensity reflective sticker	Zone 0 Zone 1 & 2 Zone 20, 21 & 22	IIA and IIB IIA, IIB and IIC IIIA, IIIB and IIIC
	Nexus Heightmaster in combination with S71CE Scala X Ear Defenders	Zone 0 Zone 1 & 2 Zone 20, 21 & 22	IIA IIA and IIB IIIA, IIIB and IIIC
	Nexus Heightmaster in combination with S72CE Scala XL Ear Defenders 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 Heightmaster' & 'S16 Heightmaster Elec'

Certificate Administration Record and BSI internal Technical File Review reference

Issue date	Comments	BSI Project Ref.
December 2021	First issue under UKCA Personal Protective Equipment Regulations (Regulation (EU) 2016/425 as brought into UK law and amended) Mirroring CE 683015	0086:21:3405440
March 2024	Addition of S16 Heightmaster Elec.	0086:24:30107431

Certificate validity

The Certificate holder is responsible for ensuring that the Approved Body is advised of changes to any aspect of the overall process utilised in the manufacture of the product, failure to do so could invalidate the Certificate in respect of product manufactured following the introduction of such changes.

The Conformity to Type Based on Quality Assurance of the Production Process, Annex VIII (Module D), for the product are referenced in BSI UKCA 746167 certificate.

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