

# EU 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 683015

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 (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II

For and on behalf of BSI, a Notified Body for the above Regulation (Notified Body Number 2797):



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Denelise L'Ecluse, Managing Director Assurance - Continental Europe

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Latest Issue: 2024-03-14

Expiry Date: 2028-04-21

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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<br>(continued): | IEC 60079-32-2:2015 Electrostatics hazards — Tests  | Hazardous area (Zone as per Directive 999/92/EC) | Group (as per DIN EN 60079-0) |
|--|---|--|-------------------------------|
|  | Helmet and accessories  | Zone 0   | IIA and IIB                   |
|  | 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 1 & 2                                       | IIA, IIB and IIC              |
|  | Nexus Heightmaster in combination with S71CE Scala X Ear Defenders  | 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 0   | IIA                           |
|  |   | Zone 1 & 2                                       | IIA and IIB                   |
|  |   | Zone 20, 21 & 22                                 | IIIA, IIIB and IIIC           |
|  |   | Zone 1 & 2                                       | IIA                           |
|  |   | Zone 20, 21 & 22                                 | IIIA, IIIB and IIIC           |

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## Product Specification

|  |  |      |   |                             |  |                    |   |   |   |   |                     |               |                       |                                      |  |                                    |
|--|--|------|---|-----------------------------|--|--------------------|---|---|---|---|---------------------|---------------|-----------------------|--------------------------------------|--|------------------------------------|
| <b>Model:</b>  | S16 Nexus Heightmaster Elec, to CSP V10 based on EN 12492:2012 with the exception of clause 4.1.1 for ventilation.   |      |   |                             |  |                    |   |   |   |   |                     |               |                       |                                      |  |                                    |
| <b>Range:</b>  | S16 Nexus Heightmaster Elec (Non vented)   |      |   |                             |  |                    |   |   |   |   |                     |               |                       |                                      |  |                                    |
| <b>Product Description:</b>  | 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.  |      |   |                             |  |                    |   |   |   |   |                     |               |                       |                                      |  |                                    |
| 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   |      |   |                             |  |                    |   |   |   |   |                     |               |                       |                                      |  |                                    |
| <b>Models in Range:</b>  | 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   |      |   |                             |  |                    |   |   |   |   |                     |               |                       |                                      |  |                                    |
| <b>Notes:</b>  | All variants can have brand information presented on a padprint (P) or label (L)   |      |   |                             |  |                    |   |   |   |   |                     |               |                       |                                      |  |                                    |
| <b>Spares and Accessories:</b>   | <table><tr><td>Item</td></tr><tr><td>Heightmaster 4 point adjustable EN 12492 Grey Harness</td></tr><tr><td>Heightmaster EN 12492 Liner</td></tr><tr><td>S30NY replaceable 4 point adjustable EN 12492 Blue Harness and S30NL Liner to convert Nexus Core to Heightmaster (vented shell only)</td></tr><tr><td>Dry-Tech sweatband</td></tr><tr><td>Terylene Cradle with Dry-Tech sweatband</td></tr><tr><td>Terylene Cradle with Premium "Twist2Fit" Ratchet and Dry-Tech sweatband</td></tr><tr><td>Retractable eyeshield Clear 2C-1,2 1F UV filter</td></tr><tr><td>Retractable eyeshield Smoke Grey 5-3,1 1F Sunglare filter</td></tr><tr><td>Euro accessory clip</td></tr><tr><td>Visor Carrier</td></tr><tr><td>Contour Visor Carrier</td></tr><tr><td>Contour X General Purpose Facescreen</td></tr><tr><td>Contour XI Multi-Purpose Facescreen 2C-1,2 1BT 3 8 9</td></tr><tr><td>High Intensity Reflective Stickers</td></tr></table> | Item | Heightmaster 4 point adjustable EN 12492 Grey Harness | Heightmaster EN 12492 Liner | S30NY replaceable 4 point adjustable EN 12492 Blue Harness and S30NL Liner to convert Nexus Core to Heightmaster (vented shell only) | Dry-Tech sweatband | Terylene Cradle with 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 | Visor Carrier | Contour Visor Carrier | Contour X General Purpose Facescreen | Contour XI Multi-Purpose Facescreen 2C-1,2 1BT 3 8 9 | High Intensity Reflective Stickers |
| Item   |  |      |   |                             |  |                    |   |   |   |   |                     |               |                       |                                      |  |                                    |
| Heightmaster 4 point adjustable EN 12492 Grey Harness  |  |      |   |                             |  |                    |   |   |   |   |                     |               |                       |                                      |  |                                    |
| Heightmaster EN 12492 Liner  |  |      |   |                             |  |                    |   |   |   |   |                     |               |                       |                                      |  |                                    |
| S30NY replaceable 4 point adjustable EN 12492 Blue Harness and S30NL Liner to convert Nexus Core to Heightmaster (vented shell only) |  |      |   |                             |  |                    |   |   |   |   |                     |               |                       |                                      |  |                                    |
| Dry-Tech sweatband   |  |      |   |                             |  |                    |   |   |   |   |                     |               |                       |                                      |  |                                    |
| Terylene Cradle with 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  |  |      |   |                             |  |                    |   |   |   |   |                     |               |                       |                                      |  |                                    |
| Visor Carrier  |  |      |   |                             |  |                    |   |   |   |   |                     |               |                       |                                      |  |                                    |
| Contour Visor Carrier  |  |      |   |                             |  |                    |   |   |   |   |                     |               |                       |                                      |  |                                    |
| Contour X General Purpose Facescreen   |  |      |   |                             |  |                    |   |   |   |   |                     |               |                       |                                      |  |                                    |
| Contour XI Multi-Purpose Facescreen 2C-1,2 1BT 3 8 9   |  |      |   |                             |  |                    |   |   |   |   |                     |               |                       |                                      |  |                                    |
| High Intensity Reflective Stickers   |  |      |   |                             |  |                    |   |   |   |   |                     |               |                       |                                      |  |                                    |

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## Product specification (continued)

|  |   |
|--|---|
| <b>Technical Specifications:</b>   | 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 Z89.1:2014 Type 1 class E |
| <b>Additional classifications:</b>   | 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<br>(continued): | IEC 60079-32-2:2015 Electrostatics hazards — Tests  | Hazardous area (Zone<br>as per Directive<br>999/92/EC) | Group (as per DIN<br>EN 60079-0) |
|--|---|--|----------------------------------|
|  | Helmet and accessories  | Zone 0   | IIA and IIB                      |
|  | Nexus Heightmaster in combination<br>with S589 eye shield clear and/or<br>S589SE eye shield smoke grey and/or<br>S30*NHIRS high intensity reflective<br>sticker | Zone 1 & 2   | IIA, IIB and IIC                 |
|  | Nexus Heightmaster in combination<br>with S71CE Scala X Ear Defenders   | Zone 20, 21 & 22                                       | IIIA, IIIB and IIIC              |
|  | Nexus Heightmaster in combination<br>with S72CE Scala XL Ear Defenders<br>and/or S55 visor carrier and S810<br>polycarbonate clear screen                       | Zone 0<br>Zone 1 & 2<br>Zone 20, 21 & 22               | IIA<br>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. |
|--------------|--|------------------|
| October 2017 | First issue under PPE Regulation (EU) 425/2016, product initially approved to Article 10 of the PPE Directive 89/686/EEC under BSI issued certificate CE 651225. | 0086:16:8850770  |
| June 2021    | Addition of Nexus Extreme Mips   | 2797:21:3387277  |
| April 2023   | 5-year certificate renewal under PPE Regulation (EU) 2016/425.   | 2797:23:3748883  |
| March 2024   | Addition of S16 Nexus Heightmaster Elec.   | 2797:24:30107432 |

## Certificate validity

The Certificate holder is responsible for ensuring that the Notified 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 CE 01544 certificate.

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