

EC Type Examination Certificate

This is to certify that:

JSP Limited
Worsham Mill
Minster Lovell
Witney, Oxford
OX29 0TA
United Kingdom

Holds Certificate Number:

CE 00279

In respect of:

Industrial Safety Helmets to EN 397:1995, EN 397:2012+A1:2012 and JSP Ltd Technical Specification. Models: Invincible Range and FF European.

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: 19/02/1996

Latest Issue: 17/07/2015

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Product Details

Product type:	Industrial safety helmets.
Models:	See below.
Technical Specifications:	European Standard EN 397:1995 Harmonized European Standard EN 397:2012+A1:2012 Harmonized European Standard EN 50365:2002 and JSP Ltd Technical Specification.
Classifications:	See Model Specific Details.

Product assessments

The product assessments for the helmets were based on the requirements of the following Technical Specifications: BS EN 397:1995, the English language version of EN 397:1995, both documents incorporating Amendment No. 1, BS EN 397:2012+A1:2012, the English language version of EN 397:2012+A1:2012, BS EN 50365:2002, the English language version of EN 50365:2002, electrically insulating helmets for use on low voltage installations and JSP Technical Specification for Industrial Safety Helmets.

The JSP Technical Specification details a very low temperature shock absorption and penetration performance option, the requirements are as detailed in EN 397:2012+A1:2012 but at the lower temperature of -40°C. This option is indicated by the symbol -40°C.

Products certified to EN 397:1995:

Invincible Mk 1 Invincible Mk 2 Invincible Mk 3 FF European

Products certified to EN 397:2012+A1:2012 plus EN 50365:2002:

Invincible EVO2/Mk 2 EVO Invincible EVO3/Mk 3 EVO Invincible Mk 7
Invincible Mk 7 Hi-Temp 150 Invincible EvoLite® Invincible EVO 6100 FB
Invincible EVO Force 9/EVO4 Invincible EVO Force 9+/EVO5

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Performance options

The following performance options are applicable to some models within the product range, see Model Specific Details section. The EN 397 options are common to both the 1995 and 2012+A1:2012 versions of the standard.

Options/Attributes	Product Marking Symbol
BS EN 397 - Very low temperature shock absorption and penetration performance	-20°C or -30°C
BS EN 397 - Very high temperature	+150°C
BS EN 397 - Electrical insulation properties	440V a.c.
BS EN 397 - Molten metal splash	MM
BS EN 397 - Lateral deformation	LD
JSP TS - Very low temperature shock absorption and penetration performance	-40°C (encompasses the -20°C and -30°C options of EN 397).
BS EN 50365:2002, electrically insulating helmets for use on low voltage installations.	Class 0 and Double Triangle

Model specific details

Products Certified to EN 397:1995 incorporating Amendment No. 1.

Model: Invincible Mk 1 with alternative commercial names of Contractahat and Martcare

Size range:	53 – 63cm.
Shell material:	High Density Polyethylene.
Headband/nape strap:	Low Density Polyethylene.
Cradle:	6 point system with Low Density Polyethylene Star.
Headband adjustment system:	Slip Ratchet type.
EN 397 options:	-20°C and 440V a.c.
Additional configuration:	End user assembled version available.

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Products Certified to EN 397:1995 incorporating Amendment No. 1 (continued).

Model: Invincible Mk 2

Size range:	53 – 63cm.
Shell material:	High Density Polyethylene.
Shell options:	Short or standard length peak.
Headband/nape strap:	Low Density Polyethylene.
Cradle:	6 point system with Low Density Polyethylene Star.
Headband adjustment system.	Slip Ratchet type.
EN 397 options:	-20°C and 440V a.c.
Additional configuration:	End user assembled version available.

Model: Invincible Mk 2 Linesman

Size range:	53 – 63cm.
Shell material:	High density polyethylene.
Shell option:	Short length peak.
Headband/nape strap:	Low density polyethylene.
Cradle:	6 point system with Low Density Polyethylene Star.
Headband adjustment system:	Slip Ratchet type.
Auxiliary retention system:	Tubular nylon chinstrap/nape strap with acetal buckle and nylon adjuster.
EN 397 options:	-20°C and 440V a.c.
Additional configuration:	End user assembled version available.

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Products Certified to EN 397:1995 incorporating Amendment No. 1 (continued).

Model: Invincible Mk 3

Size range:	53 – 63cm.
Shell options:	Short or standard length peak.
Shell material:	High Density Polyethylene.
Headband/nape strap:	Low Density Polyethylene.
Cradle:	6 point textile tapes system.
Headband adjustment system.	Slip Ratchet or Wheel Ratchet type.
EN 397 options:	-20°C, -30°C and 440V a.c.

Model: Invincible Mk 3 Linesman

Size range:	53 – 63cm.
Shell material:	High Density Polyethylene.
Shell options:	Short length peak.
Headband/nape strap:	Low Density Polyethylene.
Cradle:	6 point textile tapes system.
Adjustment system.	Slip Ratchet or Wheel Ratchet type.
Auxiliary retention system:	Tubular nylon chinstrap/nape strap with acetal buckle and nylon adjuster.
EN 397 options:	-20°C, -30°C and 440V a.c.

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Products Certified to EN 397:1995 incorporating Amendment No. 1 (continued).

Model: FF European

Size range:	53 – 63cm.
Shell material:	High Density Polyethylene.
Shell options:	Standard length peak.
Headband/nape strap:	Low Density Polyethylene.
Cradle:	6 point system with Low Density Polyethylene Star.
Headband adjustment system:	Slip Ratchet type.
EN 397 option:	-20°C.

or

Size range:	53 – 63cm.
Shell material:	High Density Polyethylene.
Shell options:	Standard length peak.
Headband/nape strap:	Low Density Polyethylene.
Cradle:	6 point textile tapes system.
Headband adjustment system:	Slip Ratchet or Wheel Ratchet type.
EN 397 option:	-20°C.

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Products Certified to EN 397:2012+A1:2012 plus EN 50365:2002.

Model: Invincible EVO2/Mk2 EVO

Size range:	53 – 63cm.
Shell material:	High Density Polyethylene.
Shell options:	Vented or non-vented shell, each type with micro (short) or mid (standard) length peak.
Headband/nape strap:	Low and High Density Polyethylene options.
Cradle:	6 point system with Low Density Polyethylene Star.
Headband adjustment system:	Slip Ratchet type.
EN 397 options:	-30°C, 440 V a.c. (1) and MM.
EN 50365 classification:	Class 0 (1).
Additional items:	Fabric sweatband 4 point chinstrap system.

(1) Vented shell variants do not have the EN 397 electrical insulation properties or the EN 50365 options.

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Products Certified to EN 397:2012+A1:2012 plus EN 50365:2002 (continued).

Model: Invincible EVO3/Mk3 EVO

Size range:	53 – 63cm.
Shell material:	High Density Polyethylene.
Shell options:	Vented or non-vented shell, each type with micro (short) or mid (standard) length peak.
Headband/nape strap:	Low and High Density Polyethylene options.
Cradle:	6 point textile tapes system.
Headband adjustment system:	Slip Ratchet or Wheel Ratchet type.
EN 397 options:	-30°C, 440 V a.c. (1) and MM.
EN 50365 classification:	Class 0 (1).
JSP TS option:	-40°C.
Additional items:	Fabric sweatband. 4 point chinstrap system.

(1) Vented shell variants do not have the EN 397 electrical insulation properties or the EN 50365 options.

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Products Certified to EN 397:2012+A1:2012 plus EN 50365:2002 (continued).

Model: Invincible Mk 7

Size range:	53 – 63cm.
Shell options:	Vented or non-vented shell, each type with short or standard length peak.
Shell material:	High Density Polyethylene.
Headband/nape strap:	Low Density Polyethylene.
Cradle:	6 point textile tapes system.
Headband adjustment system:	Slip Ratchet or Wheel Ratchet type.
EN 397 options:	-20°C and 440V a.c. (1).
EN 50365 classification:	Class 0 (1).
Additional items:	Leatherette sweatband.

(1) Vented shell variants do not have the EN 397 electrical insulation properties nor the EN 50365 options.

Model: Invincible Mk 7 Hi-Temp 150

Size range:	53 – 63cm.
Shell options:	Vented or non-vented shell, each type with short or standard length peak.
Shell material:	Glass Fibre Re-enforced Polyamide.
Headband/napestrap:	Low Density Polyethylene.
Cradle:	6 point textile tapes system with high temperature webbing clips.
Headband adjustment system:	Slip Ratchet or Wheel Ratchet type.
EN 397 options:	-30°C, +150°C, LD, and MM.
JSP TS option:	-40°C.
Additional items:	Leatherette sweatband.

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Products Certified to EN 397:2012+A1:2012 plus EN 50365:2002 (continued).

Model: Invincible EvoLite®

Size range:	53 – 63cm.
Shell material:	Acrylonitrile Butadiene Styrene.
Shell options:	Vented or non-vented shell, each type with micro (short) or mid (standard) length peak.
Headband/nape strap:	Low and High Density Polyethylene options.
Cradle:	6 point textile tapes system.
Headband adjustment system:	Slip Ratchet or Wheel Ratchet type.
EN 397 options:	-30°C, LD, 440V a.c. (1) and MM.
EN 50365 classification:	Class 0 (1).
JSP TS option:	-40°C.
Additional items:	Fabric sweatband. 4 point chinstrap system.

Model: Invincible EVO 6100FB

Size range:	53 – 63cm.
Shell material:	High Density Polyethylene.
Shell options:	Vented or non-vented shell, full brim.
Headband/nape strap:	Low and High Density Polyethylene options.
Cradle:	6 point textile tapes system.
Headband adjustment system:	Slip Ratchet and Wheel Ratchet type.
EN 397 options:	-30°C, 440V a.c. (1) and MM.
EN 50365 classification:	Class 0 (1).
JSP TS option:	-40°C.
Additional items:	Fabric sweatband. 2 and 4 point chinstrap systems. Requirements of the Technical Specifications are met with the harness orientated within the shell in either of two positions as selected by the end user enabling the helmet to be worn 'back to front' if required.

(1) Vented shell variants do not have the EN 397 electrical insulation properties or the EN 50365 options.

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Products Certified to EN 397:2012+A1:2012 plus EN 50365:2002 (continued).

Model: Invincible EVO Force 9 and name only variant Invincible EVO4

Size range:	53 – 64cm.
Shell material:	Acrylonitrile Butadiene Styrene.
Shell options:	Vented or non-vented shell, each type with micro (short) or mid (standard) length peak.
Headband/nape strap:	Low and High Density Polyethylene options.
Cradle:	6 point system with Low Density Polyethylene Star.
Headband adjustment system:	Slip Ratchet type.
EN 397 options:	-30°C, 440V a.c. (1), MM and LD.
JSP TS option:	-40°C.
EN 50365 classification:	Class 0 (1).
Additional items:	Fabric sweatband. 4 point chinstrap system.

Model: Invincible EVO Force 9+ and name only variant Invincible EVO5

Size range:	53 – 64cm.
Shell material:	Acrylonitrile Butadiene Styrene.
Shell options:	Vented or non-vented shell, each type with micro (short) or mid (standard) length peak.
Headband/nape strap:	Low and High Density Polyethylene options.
Cradle:	6 point textile tapes system.
Headband adjustment system:	Slip Ratchet or Wheel Ratchet type.
EN 397 options:	-30°C, 440V a.c. (1), MM and LD.
JSP TS option:	-40°C.
EN 50365 classification:	Class 0 (1).
Additional items:	Fabric sweatband. 4 point chinstrap system.

(1) Vented shell variants do not have the EN 397 electrical insulation properties or the EN 50365 options.

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Certification Administration Details

Technical File identification and internal BSI Reviews related to this Certificate

Model	Technical File Reference	BSI Review No.
Invincible Mk I	-	-
Invincible Mk II	-	-
Invincible Mk III	-	-
Invincible Mk IV and Mk V	AHD-020-000-100	0086:02:1139
Martcare	AHH-100-000-100	0086:02:1140
Blenheim and Surveyor	AHK-010-000-100	0086:02:1141
Invincible Mk VI and Mk VII	AHA000-000-100	0086:02:1535
Mk 7 Hi-Temp 150	AHA000-000-100	See table on next page.
Invincible EvoLite®	AJA160-000-000	See table on next page.
Mk 3 EVO/EVO3	AJE160-000-000	See table on next page.
Mk 2 EVO/EVO2	AJE160-000-000	See table on next page.
Invincible EVO 6100FB	AJE160-000-000	See table on next page.
Invincible EVO Force 9/EVO4 and Invincible EVO Force 9+/EVO5.	AJE160-000-000	See table on next page.

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Certification Administration Record and internal BSI Review related to this Certificate (introduced at Issue 4, dated 29 March 2001).

Issue date	Comments	BSI Review No.
29 March 2001	Added to Certificate: Model Invincible MkII Short Peak and Linesman, Model Invincible MkIII Short Peak and Linesman. Deleted from Certificate: Model Surveyor Linesman.	-
3 December 2004	Added to Certificate: Models Invincible MkVI and MkVII. Deleted from Certificate: Model Domeguard, transferred to Certificate 1819, and models Blenheim and Surveyor, no longer produced.	-
10 July 2009	End user assembled versions of MkI and MkII added.	0086:7378123/2
20 October 2010	Addition of model Mk7 Hi-Temp 150 added.	0086:75365232
14 December 2010	Addition of model EvoLite®.	0086:7605435
27 May 2011	Addition of model Mk 3 Evo.	0086:7648945
24 October 2011	Addition of model Mk 2 Evo.	0086:7718489
30 August 2013	Model added: Evo 6100 FB to EN 397:2012. Models deleted as no longer manufactured: Mk IV and Mk V.	0086:8012570
23 December 2013	Reference to shell options added for some models. Models deleted as no longer manufactured: Mk 2 Short Peak, Mk 3 Short Peak, Mk VI and Mk VI Short Peak.	0086:8012571
6 February 2014	To correct categorization of following models: Mk 2 Evo, Mk 3 Evo and the Mk 7 Hi-Temp 150.	0086:8106492
13 October 2014	Addition of models Evo Force 9 and Evo Force 9+. Addition of headband/napestrap alternative material for some models. Up-dating of the optional assessments for models Mk 3 Linesman, Mk 2 and Mk 3 Evo, Mk 7 Hi Temp, EvoLite and Evo 6100FB.	0086:8120339
4 November 2014	To correct Low Temperature option information for the Mk 2 Evo and the EvoLite.	0086:8248272

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Certification Administration Record and internal BSI Review related to this Certificate (continued)

Issue date	Comments	BSI Review No.
19 January 2015	To add additional information to the October 2014 issue comment. To clarify Low Temperature option information for the Evo 6100FB and Mk 7 Hi-Temp 150 and the EN 50365 option information for the Mk 7.	0086:8177575
Latest Issue	Models EVO4 and EVO5 added as name only variants for the Force 9 and Force 9+ respectively. Models Mk2 EVO and Mk3 EVO have alternate name EVO2 and EVO3 added. For some models description of peak has been revised.	0086:8362020

Certificate validity

The Certificate holder 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 to so do could invalidate the Certificate in respect of product manufactured following the introduction of such changes.

The validity of the Certificate is also dependent on the maintenance of the EC Article 11B Certificate, CE 01543, for the quality of production by monitoring system.

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