

# EU Type Examination Certificate

This is to certify that:

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

Holds Certificate Number:

CE 676976

In respect of:

**Industrial Safety Helmets to EN 397:2012 + A1:2012 Plus Additional Assessments to EN 50365:2002**

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):

Drs. Dave Hagenaaars, Managing Director

First Issued: 2017-06-29  
Latest Issue: 2021-02-25

Effective Date: 2021-02-25  
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## Product Details:

<b>Product type:</b>	Industrial safety helmets.
<b>Models:</b>	See below.
<b>Technical Specifications:</b>	Harmonized European Standard EN 397:2012+A1:2012 Harmonized European Standard EN 50365:2002 JSP Technical Specification TS 03:02-18
<b>Classifications:</b>	See Model Specific Details.

## Product Assessments

The product assessments for the helmets were based on the requirements of the following Technical Specifications: BS EN 397:2012+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 TS 03:02-18 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 397:2012+A1:2012 and EN 50365:2002:

Invincible® EVO®2/Mk 2 EVO®	Invincible® EVO®3/Mk 3 EVO®	Invincible® EVO® 6100 FB
Invincible® EVO® Force 9/EVO®4	Invincible® EVO® Force 9+/EVO®5	Invincible® Mk 7
Invincible® Mk 7 Hi-Temp 150 Mk® 7.0	Invincible® EVOLITE®	EVO®5 E-Xtra™

## Products certified to EN 397:2012+A1:2012:

Invincible® Mk 2	Invincible® Mk 3
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## Performance options

The following performance options are applicable to some models within the product range, see Model Specific Details section.

## Options/Attributes

BS EN 397 - Very low temperature shock absorption and penetration performance  
BS EN 397 - Very high temperature  
BS EN 397 - Electrical insulation properties  
BS EN 397 - Molten metal splash  
BS EN 397 - Lateral deformation  
JSP TS - Very low temperature shock absorption and penetration performance

BS EN 50365:2002, electrically insulating helmets for use on low voltage installations.

## Product Marking Symbol

-20°C or -30°C  
+150°C  
440V a.c.  
MM  
LD  
-40°C (encompasses the  
-20°C and -30°C options of  
EN 397).  
Class 0 and Double Triangle

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## Model Specific Details:

### Products Certified to EN 397:2012+A1:2012, and EN 50365:2002:

<b>Model:</b>	<b>Invincible® EVO®2/Mk2 EVO®</b>
<b>Size range:</b>	53 – 64cm.
<b>Shell material:</b>	High Density Polyethylene.
<b>Shell options:</b>	Vented or non-vented shell, each type with micro (short) or mid (standard) length peak.
<b>Headband/nape strap:</b>	Low and High Density Polyethylene options.
<b>Cradle:</b>	6 point system with Low Density Polyethylene Star.
<b>Headband adjustment system:</b>	Slip Ratchet type.
<b>EN 397 options:</b>	-30°C, 440 V a.c. (1) and MM.
<b>EN 50365 classification:</b>	Class 0 (1).
<b>Additional items:</b>	Fabric sweatband 2 and 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 and EN 50365:2002 (continued):

<b>Model:</b>	<b>Invincible® EVO®3/Mk3 EVO®</b>
<b>Size range:</b>	53 – 64cm.
<b>Shell material:</b>	High Density Polyethylene.
<b>Shell options:</b>	Vented or non-vented shell, each type with micro (short) or mid (standard) length peak.
<b>Headband/nape strap:</b>	Low and High Density Polyethylene options.
<b>Cradle:</b>	6 point textile tapes system.
<b>Headband adjustment system:</b>	Slip Ratchet or Wheel Ratchet type.
<b>EN 397 options:</b>	-30°C, 440 V a.c. (1) and MM.
<b>EN 50365 classification:</b>	Class 0 (1).
<b>JSP TS option:</b>	-40°C.
<b>Additional items:</b>	Fabric sweatband. 2 and 4 point chinstrap system.

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

<b>Model:</b>	<b>Invincible® EVO® 6100FB</b>
<b>Size range:</b>	53 – 64cm.
<b>Shell material:</b>	High Density Polyethylene.
<b>Shell options:</b>	Vented or non-vented shell, full brim.
<b>Headband/nape strap:</b>	Low and High Density Polyethylene options.
<b>Cradle:</b>	6 point textile tapes system.
<b>Headband adjustment system:</b>	Slip Ratchet and Wheel Ratchet type.
<b>EN 397 options:</b>	-30°C, 440V a.c. (1) and MM.
<b>EN 50365 classification:</b>	Class 0 (1).
<b>JSP TS option:</b>	-40°C.
<b>Additional items:</b>	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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# EU Type Examination Certificate

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## Products Certified to EN 397:2012+A1:2012 and EN 50365:2002 (continued):

<b>Model:</b>	<b>Invincible® EVO® Force 9 and name only variant Invincible® EVO®4</b>
<b>Size range:</b>	53 – 64cm.
<b>Shell material:</b>	Acrylonitrile Butadiene Styrene.
<b>Shell options:</b>	Vented or non-vented shell, each type with micro (short) or mid (standard) length peak.
<b>Headband/nape strap:</b>	Low and High Density Polyethylene options.
<b>Cradle:</b>	6 point system with Low Density Polyethylene Star.
<b>Headband adjustment system:</b>	Slip Ratchet type.
<b>EN 397 options:</b>	-30°C, 440V a.c. (1), MM and LD.
<b>JSP TS option:</b>	-40°C.
<b>EN 50365 classification:</b>	Class 0 (1).
<b>Additional items:</b>	Fabric sweatband. 2 and 4 point chinstrap system.

<b>Model:</b>	<b>Invincible® EVO® Force 9+ and name only variant Invincible® EVO®5</b>
<b>Size range:</b>	53 – 64cm.
<b>Shell material:</b>	Acrylonitrile Butadiene Styrene.
<b>Shell options:</b>	Vented or non-vented shell, each type with micro (short) or mid (standard) length peak.
<b>Headband/nape strap:</b>	Low and High Density Polyethylene options.
<b>Cradle:</b>	6 point textile tapes system.
<b>Headband adjustment system:</b>	Slip Ratchet or Wheel Ratchet type.
<b>EN 397 options:</b>	-30°C, 440V a.c. (1), MM and LD.
<b>JSP TS option:</b>	-40°C.
<b>EN 50365 classification:</b>	Class 0 (1).
<b>Additional items:</b>	Fabric sweatband. 2 and 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 and EN 50365:2002 (continued):

<b>Model:</b>	<b>Invincible® Mk 7</b>
<b>Size range:</b>	53 – 64cm.
<b>Shell options:</b>	Vented or non-vented shell, each type with short or standard length peak.
<b>Shell material:</b>	High Density Polyethylene.
<b>Headband/nape strap:</b>	Low Density Polyethylene.
<b>Cradle:</b>	6 point textile tapes system.
<b>Headband adjustment system:</b>	Slip Ratchet or Wheel Ratchet type.
<b>EN 397 options:</b>	-20°C and 440V a.c. (1) and MM.
<b>EN 50365 classification:</b>	Class 0 (1).
<b>Additional items:</b>	Leatherette sweatband.

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

<b>Model:</b>	<b>Invincible® Mk 7 Hi-Temp 150</b>
<b>Size range:</b>	53 – 63cm.
<b>Shell options:</b>	Vented or non-vented shell, each type with short or standard length peak.
<b>Shell material:</b>	Glass Fibre Re-enforced Polyamide.
<b>Headband/napestrap:</b>	Low Density Polyethylene.
<b>Cradle:</b>	6 point textile tapes system with high temperature webbing clips.
<b>Headband adjustment system:</b>	Slip Ratchet or Wheel Ratchet type.
<b>EN 397 options:</b>	-30°C, +150°C, LD, and MM.
<b>JSP TS option:</b>	-40°C.
<b>Additional items:</b>	Leatherette sweatband.

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## Products Certified to EN 397:2012+A1:2012 and EN 50365:2002 (continued):

<b>Model:</b>	<b>Invincible® EVOLITE®</b>
<b>Size range:</b>	53 – 64cm.
<b>Shell material:</b>	Acrylonitrile Butadiene Styrene.
<b>Shell options:</b>	Vented or non-vented shell, each type with micro (short) or mid (standard) length peak.
<b>Headband/nape strap:</b>	Low and High Density Polyethylene options.
<b>Cradle:</b>	6 point textile tapes system.
<b>Headband adjustment system:</b>	Slip Ratchet or Wheel Ratchet type.
<b>EN 397 options:</b>	-30°C, LD, 440V a.c. (1) and MM.
<b>EN 50365 classification:</b>	Class 0 (1).
<b>JSP TS option:</b>	-40°C.
<b>Additional items:</b>	Fabric sweatband. 2 and 4 point chinstrap system.

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

<b>Model:</b>	<b>EVO®5 E-Xtra™</b>
<b>Size range:</b>	53 – 64cm.
<b>Shell material:</b>	Acrylonitrile Butadiene Styrene with EPP flame retardent liner.
<b>Shell options:</b>	Vented or non-vented shell, each type with micro (short) or mid (standard) length peak.
<b>Headband/nape strap:</b>	High Density Polyethylene.
<b>Cradle:</b>	6 point textile tapes system.
<b>Headband adjustment system:</b>	HDPE Wheel Ratchet type.
<b>EN 397 options:</b>	-30°C, LD, 440V a.c. and MM.
<b>EN 50365 classification:</b>	Class 0.
<b>JSP TS option:</b>	-40°C.
<b>Additional items:</b>	Fabric sweatband.

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## Products Certified to EN 397:2012+A1:2012 and EN 50365:2002 (continued):

<b>Model:</b>	<b>Mk® 7.0</b>
<b>Size range:</b>	53 – 64cm.
<b>Shell material:</b>	High Density Polyethylene.
<b>Shell options:</b>	Vented (small or large) or non-vented shell, each type with micro (short) or mid (standard) length peak.
<b>Headband/nape strap:</b>	Low Density Polyethylene.
<b>Cradle:</b>	6 point webbing system.
<b>Headband adjustment system:</b>	Wheel Ratchet type.
<b>EN 397 options:</b>	-30°C, 440V a.c. (1) and MM.
<b>EN 50365 classification:</b>	Class 0 (2).
<b>JSP TS option:</b>	-40°C.
<b>Additional items:</b>	Fabric sweatband. 2 and 4 point chinstrap system.

- (1) Small vented shell variant do not have the EN 397 electrical insulation properties.
- (2) Large vented shell variant 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:

<b>Model:</b>	<b>Invincible® Mk 2</b>
<b>Size range:</b>	53 – 61cm.
<b>Shell material:</b>	High Density Polyethylene.
<b>Shell options:</b>	Short or standard length peak.
<b>Headband/nape strap:</b>	Low Density Polyethylene.
<b>Cradle:</b>	6 point system with Low Density Polyethylene Star.
<b>Headband adjustment system.</b>	Slip Ratchet type.
<b>EN 397 options:</b>	-20°C and 440V a.c.
<b>Additional configuration:</b>	End user assembled version available.

<b>Model:</b>	<b>Invincible® Mk 2 Linesman</b>
<b>Size range:</b>	53 – 61cm.
<b>Shell material:</b>	High density polyethylene.
<b>Shell option:</b>	Short length peak.
<b>Headband/nape strap:</b>	Low density polyethylene.
<b>Cradle:</b>	6 point system with Low Density Polyethylene Star.
<b>Headband adjustment system:</b>	Slip Ratchet type.
<b>Auxiliary retention system:</b>	Tubular nylon chinstrap/nape strap with acetal buckle and nylon adjuster.
<b>EN 397 options:</b>	-20°C and 440V a.c.
<b>Additional configuration:</b>	End user assembled version available.

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## Products Certified to EN 397:2012+A1:2012 (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 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 and 440V a.c.

All Accessories & Replacements Parts associated with the helmet models are available on JSP's website.

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## Certification Administration Details:

Technical File References: AJE160-000-000, AJA160-000-000, AHB010-000-100, AKJ240-000-100, AHN170-000-100

## Certificate Amendment Record:

Issue date:	Comments:	BSI Internal Project No:
29 <sup>th</sup> June 2017	First Issue to the PPE Regulation 2016/425 EU. Product initially approved to Article 10 of the PPE Directive 89/686/EEC on BSI issued certificate CE 00279	0086:17:8764894
April 2018	Addition of Evolite <sup>®</sup> and Invincible <sup>®</sup> helmets.	0086:18:8849241
November 2019	Addition of Molten Metal claim to Invincible <sup>®</sup> Mk 7	2797:19:3050787
March 2020	Addition of EVO <sup>®</sup> 5 E-Xtra <sup>™</sup>	2797:20:3123380
February 2021	Addition of MK <sup>®</sup> 7.0	2797:21:3166050

## 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.

## Monitoring of Manufactured PPE

The validity is also dependent upon the maintenance of the EU Conformity to Type Based on Quality Assurance of the Production Process, Annex VIII (Module D) as referenced on BSI issued certificate CE 690890.

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