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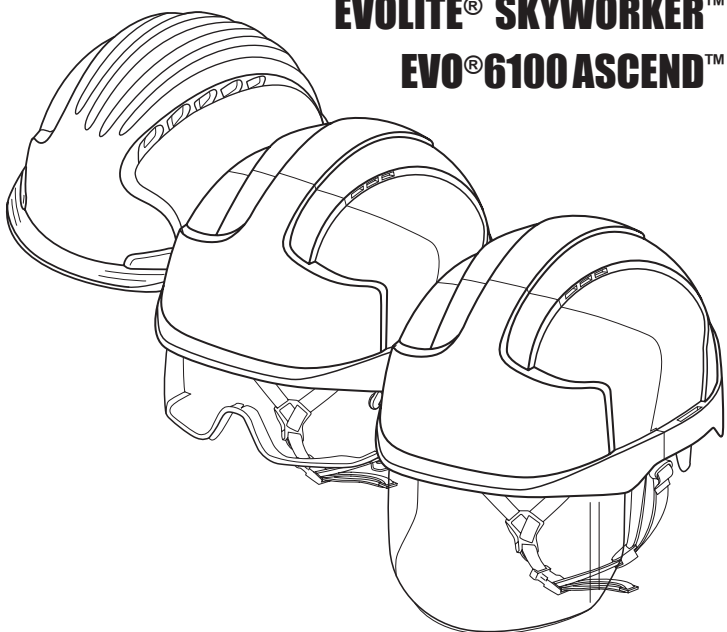


EVO® VISTALENS™ ASCEND™

EVO® VISTASHIELD™ ASCEND™

EVOLITE® SKYWORKER™

EVO® 6100 ASCEND™



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EN INDUSTRIAL SAFETY HARD HATS: ANSI/ISEA Z89.1-2014
EVO®VISTALens™ASCEND™ / EVO®VISTASHield™ASCEND™ / EVO®6100 ASCEND™ / EVOLite® Skyworker™

A copy of this manual and the Declaration of Conformity for the product can be found on the product page: documents.jspna.com

INSPECT YOUR HARD HAT SHELL AND SUSPENSION BEFORE EVERY USE. REPLACE THE HARD HAT IMMEDIATELY IF YOU NOTICE ANY SIGNS OF WEAR, DAMAGE, ABUSE OR DEGRADATION.

WARNINGS, CAUTIONS AND INSTRUCTIONS - THESE INSTRUCTIONS MUST BE CAREFULLY READ BY ALL PERSONS WHO WEAR OR MAINTAIN THIS HARD HAT, INCLUDING THOSE WHO HAVE ANY RESPONSIBILITY INVOLVING THE SELECTION, APPLICATION, USE OR REPAIR OF THE HARD HAT. THE HARD HAT WILL PERFORM AS DESIGNED ONLY IF IT IS USED AND MAINTAINED IN ACCORDANCE WITH THESE INSTRUCTIONS. OTHERWISE IT COULD FAIL TO PERFORM AS DESIGNED, AND PERSONS WHO RELY ON THIS PRODUCT COULD SUSTAIN SERIOUS PERSONAL INJURY OR DEATH.

Any warranties made by JSP Ltd with respect to these Industrial Safety Hard Hats are voided if the Hard Hat is not used and maintained in accordance with these instructions. Please protect yourself and your employees by following the instructions. If after reading these instructions, there is ANY doubt as to the level of protection offered by the Hard Hat, or if there is confusion concerning the specific conditions which may limit the Hard Hats protective capabilities, immediately contact your supervisor. Save these instructions for future reference.

WARNING: Type I Hard Hats provide LIMITED top impact and penetration protection. Type II Hard Hats provide LIMITED top and lateral impact and penetration protection. The Hard Hats are designed to reduce the effect of an impact or penetration blow but cannot provide complete head protection from these occurrences. The Hard Hats comply with ANSI/ISEA Z89.1-2014 standard for Type I or II Industrial Protective Headwear and in most circumstances should be effective against small tools, bolts, rivets, sparks and similar hazards; however, some conditions can exceed a Hard Hat's capacity to protect against serious injury or death. AVOID areas where the chance of severe Hard Hat impact or penetration exists.

In order to provide maximum protection, the Hard Hat MUST fit securely on the head and the headband MUST be adjusted to a snug fit. Some extreme conditions such as high wind or Hard Hat impact can dislodge the Hard Hat from the head. To provide LIMITED additional retention capability, wear a two or four point chinstrap.

The Hard Hat provides LIMITED electrical protection as outlined in the ANSI/ISEA Z89.1-2014 standard. The electrical class is indicated on the label. Sample Class C Hard Hats are not electrically tested. Class C Hard Hats should not be used where there is a possibility of contact with electrical hazards. Sample Class G Hard Hats are proof tested to 2,200 volts (RMS); but this should NOT be construed as a safe contact voltage. Sample Class E Hard Hats are proof tested to 20,000 volts (RMS); but this should NOT be construed as a safe contact voltage. AVOID areas where the chance of severe electrical shock exists.

Discard the Hard Hat after ANY impact or penetration. This Hard Hat absorbs the energy of an impact by deforming and crushing; and the damage MAY NOT be visible or readily apparent. A damaged Hard Hat WILL NOT provide the degree of protection originally designed into it. NEVER RISK YOUR LIFE BY USING A DAMAGED Hard Hat.

NEVER use this Hard Hat for structural firefighting because it DOES NOT meet the applicable NFPA Standard. NEVER use this Hard Hat as a vehicular or sports Hard Hat. NEVER store gloves, cigarettes, earplugs, etc. between the suspension and the shell liner. This space is needed when the shell/suspension absorbs the energy of an impact. Objects in this space can transmit large forces to the head and neck, resulting in serious injury or death. Inspect the Hard Hat before and after EACH use. ALWAYS follow the inspection procedure in this booklet. Replace ANY part showing evidence of wear or damage. NEVER exceed useful service life guidelines of Hard Hat as outlined in this booklet. Replace components or Hard Hat as required. NEVER alter or modify this Hard Hat in ANY way. Use ONLY JSP supplied or approved accessories with this Hard Hat. Do not apply paint, solvents, adhesives or self-adhesive labels, except in accordance with the instructions from the Hard Hat manufacturer. Failure to follow these warnings can result in serious personal injury or death.

FIELD OF USE: This Helmet is designed for industrial head protection and working at height. This Helmet meets the mandatory shock absorption and penetration requirements of EN12492:2012, the European Standard for Mountaineering Helmets. This Helmet conforms to and exceeds the shock absorption and resistance to penetration requirements of ANSI/ISEA Z89.1 Type I, the American Standard for Industrial Safety Helmets. **USE:** The helmet is made to absorb the energy of an impact by partial destruction or damage to the shell or harness and even though such damage may not be readily apparent, any helmet subjected to severe impact should be replaced.

FITTING AND ADJUSTMENT: For adequate protection this Hard Hat must fit or be adjusted to the size of the user's head. The Hard Hat must be worn with the peak facing forward. To alter the fit, adjust the harness at the rear of the Hard Hat and ensure a comfortable fit is made around the crown of the head.

EVO® VISTALens™ ASCEND™: 1. Place helmet on head with peak facing forward. 2. To alter the fit, adjust the harness at the rear of the helmet and ensure a comfortable fit is made around the crown of the head. 3. Lower visor using tabs at either side and tilt toward face until gasket sits on nose bridge. **TO STOW EVO® VISTALens™ ASCEND™:** 1. Tilt eyewear away from the face and lift to retract into helmet shell until it locks in place. 2. Loosen wheel ratchet and remove helmet.

EVO® VISTASHield™ ASCEND™: 1. Place helmet on head with peak facing forward. 2. To alter the fit, adjust the harness at the rear of the helmet and ensure a comfortable fit is made around the crown of the head. 3. Lower visor using tabs at centre of lower edge. 4. Once visor fully lowered on attachment rails, move visor down and toward the face to locate visor on ratchet block at top edge. 5. Adjust visor as necessary. **TO STOW EVO® VISTASHield™ ASCEND™:** 1. Tilt visor away from face and lift to retract into helmet shell until it locks in place. 2. Loosen wheel ratchet and remove helmet.

The Hard Hat is made to absorb the energy of an impact by partial destruction or damage to the shell or harness and even though such damage may not be readily apparent, any Hard Hat subjected to any impact should be replaced. The attention of users is also drawn to the danger of modifying or removing any of the original component parts of the Hard Hat, other than as recommended by the Hard Hat manufacturer. Hard Hats should not be adapted for the purpose of fitting attachments in any way not recommended by the Hard Hat manufacturer. Accessories and/or replacement harnesses, chin straps, ear defenders, visors and Hard Hat mounted lamps are available with fitting instructions from JSP.

INSPECTION AND CARE OF THE HARD HAT: The Hard Hat is a complete system consisting of shell and harness. The Hard Hat's useful life is affected by many factors including the cold, heat, chemicals, sunlight and misuse. This Hard Hat MUST be stored in a clean, dry area where it is not exposed to extremes of heat or cold which can affect the Hard Hat's useful service life. When not in use or during transportation, this Hard Hat should be stored in a container such that it is out of direct sunlight, away from chemicals and abrasive substances and cannot be damaged by physical contact with hard surfaces/items.

NEVER store a Hard Hat on the back shelf of an automobile; not only will it be exposed to sunlight (leading to heat and UV damage), but it could become

a secondary missile in the event of a sudden stop. All components and accessories, if any, should be visually inspected prior to each use for signs of dents, cracks, penetration, and any damage due to impact, rough treatment, or wear that might reduce the degree of protection originally provided. A Hard Hat with worn, damaged or defective parts should be removed from service. While the Hard Hat is free from defects it is suitable for its intended purpose. The date of manufacture is moulded into the peak of this Hard Hat. Under normal circumstances the Hard Hat has a maximum life of 5yrs from date of manufacture. Under no circumstances must a component other than a JSP component be used on a Hard Hat. The Hard Hat may be cleaned with the use of soap and warm water and dried with a soft cloth. The Hard Hat should not be cleaned with abrasive substances or solvents and must not be stored in direct sunlight or in contact with any solvents.

LIMITATION OF PROTECTION: Users are cautioned that if unusual conditions prevail (for example, higher or lower extremes of temperature than those described), or if there are signs of abuse or of damage to the Hard Hat or of any component, the degree of protection may be reduced. Any Hard Hat that has received an impact should be removed from service, since the impact may have substantially reduced the protection offered.

NOTE: Certain materials are susceptible to damage from ultraviolet light and chemical degradation, and Hard Hats are no exception. Periodic examinations should be made of all protective Hard Hats and, in particular, those worn or stored in area exposed to sunlight for long periods. Ultraviolet degradation may first manifest itself in a loss of surface gloss, called chalking or discolouration. Upon further degradation the surface will craze or flake away, or both. At the first appearance of any of these phenomena, the shell should be replaced.

Because Hard Hats can be damaged, they should not be abused. They should be kept free from abrasions, scrapes, and nicks and should not be dropped, thrown, or used as supports. This applies especially to Hard Hats that are intended to afford protection against electrical hazards.

Users should exercise extreme care in the selection and installation of accessories. The addition of accessories to the Hard Hat may adversely affect the level of protection. The user should make sure that any accessory is compatible with the Hard Hat. Contact the Hard Hat or accessory manufacturer for compatibility information.

Caution should be taken when marking or decorating Class G or E Hard Hats. Identification markers used on shells for Hard Hats meeting Class G or E requirements shall be affixed without making holes through the shell and without the use of any metal parts. Metallic based markers such as some reflective tapes, metal foil labels or metal foil not stamps should NOT be applied.

MARK	MEANING
	Manufacturer's Trademark.
53-64 cm	The size range of the Hard Hat, head circumference (U.S. hat size: 6 1/2 - 8).
ANSI/ISEA Z89.1-2014	The American Standard for Industrial Head Protection and its year of publication.
TYPE I	Hard Hat intended to reduce the force of impact resulting from a blow only to the top of the head.
TYPE II	Hard Hat intended to reduce the force of impact resulting from a blow to the top or sides of the head.
CLASS C	Hard Hat is not intended to provide protection against contact with electrical hazards.
CLASS G	Hard Hat is proof tested to 2200V.
CLASS E	Hard Hat is proof tested to 20000V.
	Harness can be inserted for reverse donning.
LT	Hard Hat will provide some protection when worn in an environment at or above -30°C.
HT	Hard hat will provide some protection when worn in an environment at or below +60°C.
HV	Hard hat demonstrates high-visibility for the appropriate colour.
EN 397:2012	The European Standard Number for Industrial Safety Hard Hats and its year of publication.
A1:2012	Amendment to EN 397 and its year of publication.
EN 12492:2012	The European Standard Number for Mountaineering Helmets and its year of publication.
EN 50365:2002	The European Standard Number for electrically insulating Hard Hats for use on low voltage installations (and it's symbol).
10KV	Hard Hat is proof tested to 10000V.
-20°C / -30°C / -40°C	The Hard Hat will provide some protection when worn in an environment at or above these temperatures.
+150°C	The Hard Hat will provide some protection when worn in an environment at or below this temperature.
440 Vac	The Hard Hat will provide some protection to the user against short term, accidental contact with live electrical conductors up to a voltage of 440 Vac (Volts a.c.).
LD	The Hard Hat will provide some protection from lateral compressive loads.
MM	The Hard Hat will provide some protection against molten metal splash.

SAFETY EYEWEAR - MARK / MEANING

MARK	MEANING	R#	IR filter & grade #.
Z87	The ANSI Standard for Industrial Eye Protection.	V	Variable tint.
+	The eye protector is impact rated.	S	Special purpose lenses.
H	The eye protector has been designed to suit a small head.	D3	Protection against liquid droplets.
W#	Welding filter & grade #.	D4	Protection against large dust particles.
U#	UV filter & grade #.	D5	Protection against fine particles.
L#	Visible light filter & grade #.		

