



29 CFR 1910.135

(a) (1) states, "Each affected employee shall wear protective helmets when working in areas where there is a potential for injury to the head from falling objects." (Electrical hazard conditions are also covered under this standard.)

(a) (2) "Protective helmets designed to reduce electrical shock hazard shall be worn by each such affected employee when near exposed electrical conductors which could contact the head."



ANSI Z89.1-1997

The most significant change in this standard is the addition of a designation for lateral protection helmets. Lateral protection helmets provide protection to both the top and sides of the head. According to the ANSI Z89.1 - 1997 standard, lateral protection must meet a minimum performance criteria for impact energy attenuation, which measures the crown's ability to reduce the force of an impact from falling objects. It also must meet requirements for apex penetration, which measures the crown's ability to resist penetration. ANSI Z89.1 - 1997 includes Helmet Type I, crown impact, and Helmet Type II, crown and lateral impact.

Under the new standard, the old designation of Type I (Hats) and Type 2 (Caps) are no longer used. Classes A, B, and C have been changed to:

New Class	Old Class
Class G (general) Reduces the danger of exposure to low-voltage (proof-tested at 2,200 volts) electrical conductors	A
Class E (electrical) Reduces the danger of exposure to high-voltage (proof-tested at 20,000 volts) electrical conductors	B
Class C (conductive) Not intended to provide protection from electrical conductors.	C

PERSONAL PROTECTION Head

WHAT'S INSIDE



New From E.D. Bullard® Co.
The Vector™ Meets
New ANSI Standard.

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Standard Safety Cap

The Standard Safety Cap is made of high-density, lightweight polyethylene for rugged durability. Woven nylon webbing in a six-point suspension offers maximum comfort. Features include a cushioned, absorbent brow pad and low nape strap to prevent shifting. Available with sliding pin-lock sizing system that quickly adjusts cap size. Also available with a ratchet sizing system that provides easy, secure, on-the-head sizing with a simple twist that locks each adjustment. Replacement suspensions available in both types. See below for available colors. Meets ANSI Z89.1-1986 Class A, B and C standards. Sold individually.

Item No	Description	Color	EA	10
AOS46500	LR46 Slide-Lock, Safety Cap	Yellow	00.00	00.00
AOS46501	LR46 Slide-Lock, Safety Cap	White	00.00	00.00
AOS46502	LR46 Slide-Lock, Safety Cap	Blue	00.00	00.00
AOS46503	LR46 Slide-Lock, Safety Cap	Green	00.00	00.00
AOS46504	LR46 Slide-Lock, Safety Cap	Red	00.00	00.00
AOS46505	LR46 Slide-Lock, Safety Cap	High-Visibility Orange	00.00	00.00
AOS46506	LR46 Slide-Lock, Safety Cap	Maroon	00.00	00.00
AOS46514	LR46 Slide-Lock Replacement Suspension		00.00	00.00
AOS46507	LR46 Ratchet, Safety Cap	Yellow	00.00	00.00
AOS46508	LR46 Ratchet, Safety Cap	White	00.00	00.00
AOS46509	LR46 Ratchet, Safety Cap	Blue	00.00	00.00
AOS46510	LR46 Ratchet, Safety Cap	Green	00.00	00.00
AOS46511	LR46 Ratchet, Safety Cap	Red	00.00	00.00
AOS46512	LR46 Ratchet, Safety Cap	High-Visibility Orange	00.00	00.00
AOS46513	LR46 Ratchet, Safety Cap	Maroon	00.00	00.00
AOS46515	LR46 Ratchet Replacement Suspension		00.00	00.00

Full Brim Safety Hat

Made of lightweight, high-density polyethylene, the durable Full Brim Safety Hat offers added protection against sun, rain and glare. Six-point suspension of woven nylon webbing is exceptionally comfortable. Two options are available for sizing adjustments: the slide-lock or the ratchet system. Cushioned, absorbent brow pad adds to comfort. Low nape strap prevents helmet from shifting on head. Available in White or Yellow. Meets ANSI Z89.1-1986 Class A, B and C standards. Sold individually.



Bump Cap with Slide-Lock

Ideal for work settings where hard hat protection is not required, the durable high-density polyethylene bump cap provides protection from minor bumps and bruises. Four-point plastic suspension offers flexible comfort and even support. Features easy, slide-lock sizing which adjusts to fit sizes 6½ to 8. Ventilation holes in sides and clearance between shell and suspension provide maximum air circulation. Lightweight 6.5 oz. Available in White or Yellow. Caution: these caps do not meet ANSI Z89.1 requirements. Sold individually.

Item No	Description	Color	EA	10
AOS46520	Full Brim Hard Hat w/Slide-Lock	White	00.00	00.00
AOS46521	Full Brim Hard Hat w/Slide-Lock	Yellow	00.00	00.00
AOS46522	Full Brim Hard Hat w/Ratchet	White	00.00	00.00
AOS46523	Full Brim Hard Hat w/Ratchet	Yellow	00.00	00.00

Item No	Description	Color	EA	10
AOS46525	Bump Cap w/Slide-Lock	White	00.00	00.00
AOS46526	Bump Cap w/Slide-Lock	Yellow	00.00	00.00

Custom Imprinting

All AOSafety® hard hats may be imprinted with your company's name, logo and/or personal safety message.

Call 1-800-225-9038 for complete details.



Ratchet Suspension



Pinlock Suspension

Suspension Option

Slide-Lock Suspension System features a sliding pin-lock sizing mechanism which quickly adjusts hat to wearer's head size.

Ratchet Suspension System provides easy, secure, on-the-head sizing. Fits 40 different head sizes—5½ to 8, all with a simple twist that locks each adjustment.

Fully cushioned brow pads are standard on all AOSafety® helmets. They absorb perspiration to keep the wearer comfortable, and may be removed and washed.

AMERICAN ALLSAFE COMPANY®

Bump Caps

Bump caps feature a four-point adjustable suspension system with a built-in CoolMax® terry cloth sweatband. Lightweight and close-fitting, the Bump cap is ideal for use in areas with low head clearance. The cap also features ventilation holes in the cap sides for improved air circulation around the head. Also available, model H2-S comes with attachment on each side of the temple area to accommodate a H26154LB PETG visor for added eye/face protection. Visor measures 6" x 15½" x .040" and is sold separately. Bump caps sold individually.



Sentry III™ Six-Point Suspension Safety Caps

Sentry III™ Safety Caps feature a six-point, nylon-web suspension system designed to absorb impact force. Easily adjusts to fit sizes 6½ to 8. An integrated nape strap fits low and squarely on the back of the head, providing a secure fit. Universal accessory slots allow hearing, welding and faceshield accessories to be attached easily. Sentry III™ weighs 12.5 oz; Sentry III™ with ratchet suspension weighs 13.5 oz. Both feature a CoolMax™ sweatband which provides superior comfort in high temperatures. Dielectric. Specify color when ordering. Meets ANSI Z89.1, Class G and E. SEI certified. Sold individually.



Ram Cap™ Four-Point Suspension Safety Caps

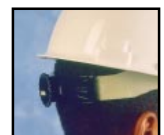
The Ram Cap™ provides durable head protection with its high-density, polyethylene construction. It features a four-point nylon suspension system with a low nape strap for a secure fit. Easily adjusts to fit sizes 6½ to 8. Rain trough directs excess water away from the face. Universal slots accommodate hearing, welding and faceshield accessories. Features a replaceable CoolMax™ sweatband for all-day comfort. The short-peak design does not interfere with the wearer's field of vision. Lightweight 12 oz weight. Specify color when ordering. Meets ANSI Z89.1, Class A and B. SEI certified. Sold individually.



Item No	Description	Color	EA	10
AME14380	H2 Bump Cap	Blue	00.00	00.00
AME14377	H2 Bump Cap	Green	00.00	00.00
AME14385	H2 Bump Cap	Orange	00.00	00.00
AME14382	H2 Bump Cap	Red	00.00	00.00
AME14371	H2 Bump Cap	White	00.00	00.00
AME14369	H2 Bump Cap	Yellow	00.00	00.00
AME14381	H2-S Bump Cap with Visor Attachment	Blue	00.00	00.00
AME14373	H2-S Bump Cap with Visor Attachment	White	00.00	00.00
AME14370	H2-S Bump Cap with Visor Attachment	Yellow	00.00	00.00
AME22604	H2-6V PETG Clear Visor For H-2S Bump Cap		00.00	00.00
AME14022	Sentry III™, Standard Suspension	White	00.00	00.00
AME14009	Sentry III™, Standard Suspension	Yellow	00.00	00.00
AME14045	Sentry III™, Standard Suspension	Dark Green	00.00	00.00
AME14063	Sentry III™, Standard Suspension	Red	00.00	00.00
AME14071	Sentry III™, Standard Suspension	Orange	00.00	00.00
AME14024	Sentry III™, Ratchet Suspension	White	00.00	00.00
AME14011	Sentry III™, Ratchet Suspension	Yellow	00.00	00.00
ALL14047	Sentry III™, Ratchet Suspension	Dark Green	00.00	00.00
ALL14065	Sentry III™, Ratchet Suspension	Red	00.00	00.00
ALL14073	Sentry III™, Ratchet Suspension	Orange	00.00	00.00
AME14716	Ram, Standard Suspension	White	00.00	00.00
AME14716	Ram, Standard Suspension	Yellow	00.00	00.00
AME14716	Ram, Standard Suspension	Dark Green	00.00	00.00
AME14716	Ram Standard Suspension	Red	00.00	00.00
AME14716	Ram Standard Suspension	Orange	00.00	00.00

WILLSON® Alpha® Four-Point Suspension Safety Cap

The Alpha® is a low-profile polyethylene hard cap that features a replaceable vinyl sweatband, integrated crown pad and universal molded slots to accommodate accessories. Low-fitting nape strap keeps cap in place. Choice of Standard Preslok® or Ratchet suspension. Available in Blue, Green, Orange, Red, White and Yellow. Specify color when ordering. Sold individually.



Item No	Description	EA	10
WIL82AC	82AC Alpha® Cap, Preslok® Standard Suspension	00.00	00.00
WIL82ACR	83ACR Alpha® Cap, Ratchet Suspension	00.00	00.00



Vector™ Safety Helmet

Vector™ Safety Helmet meets all the requirements of the new ANSI Z89.1 - 1997

Safety Standard.

Provide excellent top, front, back and side protection with the Vector™ Safety Helmet. Vector™ uses a polystyrene inner shock liner under a polyethylene outer core for superior impact protection. Choose standard four-point Self-Sizing Suspension or Sure-Lock® Ratchet suspension for a more comfortable fit. Ventilation channels and Sportek® browguard help keep wearer comfortable. Includes built-in goggle strap retaining slots. A two-point chin strap and heavy-duty polycarbonate faceshield

are available as options. Imprinting on safety helmets is available; call your sales representative for details. Specify color when ordering. Vector meets/exceeds ANSI Z89.1 - 1997 for Type II, Classes E, G and C. Also meets CSA Z94.1. Sold individually.



Item No	Description	EA	10
BULVECTOR-C	Vector™, Self-Sizing Suspension	00.00	00.00
BULVECTOR-CRT	Vector™, Sure-Lock® Ratchet Suspension	00.00	00.00



5100 Series Hard Cap

The 5100 and 5100R (ratchet suspension) models are two of the lightest caps available. Both feature a rain trough for extra protection against snow, rain, dust and dirt. High-density polyethylene hard cap with flat front is available with four-point Self-Sizing or Sure-Lock® Ratchet suspension system. Equipped with accessory slots for a variety of attachments. Meets ANSI Z89.1-1997 for Type I, Classes E, G and C. SEI certified. Specify color when ordering. Sold individually.

Item No	Description	EA	10
BUL5100	Standard	00.00	00.00
BUL5100R	Ratchet	00.00	0.00



303 Series Full Brim Safety Hat

Models 303 and 303R (ratchet suspension) feature a full, wide brim for added protection from sun, glare, splash and rain. Made from high-density polyethylene and comes with six-point Self-Sizing or Sure-Lock® Ratchet suspension system. Meets ANSI Z89.1-1997 for Type I, Classes E, G and C. SEI certified. Specify color when ordering. Sold individually.

Item No	Description	EA	10
BUL303	Standard	00.00	00.00
BUL303R	Ratchet	0.00	0.00

Specify Color When Ordering Bullard® Safety Helmets



Safe-T-Rak® Helmet Seat and Wall Rack

Hard hats can be damaged by sun and heat if left on the rear window shelf of a car or dashboard of a truck. Safe-T-Rak® solves this problem, providing a safe place to hang your hat. Safe-T-Rak® hangs over the back of a car or truck seat without damaging the seat's material. Can also easily be hung on a wall. Sold individually.



Item No	Description	EA	10
SIPRACK-ST	Seat Mount	00.00	00.00
SIPRACK-WL	Wall Mount	00.00	00.00

Customized Safety Hats

E.D. Bullard® offers innovative methods to bring your safety hats to life, promote the use of head protection on the job, and create a positive image for the employer.

Custom Logos

Customize your safety hats with sharp and clear logos. Up to six colors can be printed in up to eight different locations around the hat.

Stripes

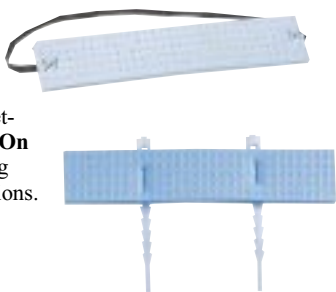
Single-color reflective Scotchlite® stripes can be used for improved visibility and work group identification. Stripes can go around the brim or between the ribs (two stripes) of the cap/hat.

For imprinting information call your customer service representative or contact E.D. Bullard® Company at

1-800-827-0423

Dry Bron® Sweatbands

Sweatbands provide cooling relief for workers in hot, sweaty environments. The **Economy** model features a pad of sponge material and an elastic headband. It is designed to fill the most budget-conscious requirements. The **Clip-On** model attaches to hard hats, welding helmets, or sandblast hood suspensions. Each measures 8 3/4" x 1 1/4". Blue. Sweatbands sold individually.



Item No	Description	EA	10
SWB-RB	Economy Sweatband	00.00	00.00
SWB-HC	Clip-On Sweatband	00.00	00.00

OccuNomix
International, Inc.

MiraCool™ Bandanas

MiraCool™ Bandanas are ideal for anyone working in warm and humid environments. Just soak in cold water for about 30 minutes. Cooling crystals hydrate in the cold water and provide continuous cooling. The bandana will help keep your body cool and comfortable for up to 48 hours. Reusable. Hand wash only. Cowboy Blue. Sold individually.



MiraCool™ Terry Coolers

This **Headband** and **Hard Hat Band** each contain cooling crystals. When soaked in cold water for 30 minutes, the crystals hydrate and stay cold all day. When worn on the head or in a hard hat, they provide cooling comfort. When worn dry, they function as excellent sweat bands. Sold individually.



MiraCool™ Hard Hat Pad

The Hard Hat Pad contains cooling crystals that, when soaked in cold water, keep the head cool in the hottest conditions. The one-touch closure system attaches easily to the headband of a hard hat suspension. Choose between the economy pad or the deluxe pad with neck shade. Reusable. Hand wash only. Sold individually.



Item No	Description	EA	10
OCC940	MiraCool™ Bandana	00.00	00.00
OCC914	MiraCool™ Headband	0.00	0.00
OCC918	MiraCool™ Hard Hat Band	0.00	0.00
OCC968	MiraCool™ Hard Hat Pad	00.00	00.00
OCC	Deluxe Pad with Neck Shade	00.00	00.00



AMERICAN ALLSAFE COMPANY®

WindGard™ Safety Cap Winter Liners

WindGard™ Safety Cap Liners keep the cold wind out, trap warmth inside and prevent moisture build-up. Knitted from flame-retardant, spun polyester or wool, they are available in three styles. The **Cap Style** comes in Orange polyester. The **Hat Style** comes in Red or Navy Blue polyester. The **Full-Face Style** comes in Red or Navy Blue polyester. One size fits all. Sold individually.

Item No	Description	EA	10
AME22204	WindGard, Cap Style, Orange	00.00	00.00
AME22221	WindGard, Hat Style, Red	00.00	00.00
AME22217	WindGard, Hat Style, Navy Blue	00.00	00.00
AME22225	WindGard, Full-Face Style, Red	00.00	00.00
AME22223	WindGard, Full-Face Style, Navy Blue	00.00	00.00



AMERICAN ALLSAFE COMPANY® Winter Liners

These winter liners are made with flame-resistant fabric. Most include three suspension tabs, plastic buttons and an adjustable Velcro® chin closure. The **Single-Ply** is an economical, lightweight model for milder climates. One ply of flannel with a soft nap lining. The **Two-Ply** features a 8 oz navy blue twill outer shell and a soft red heavy-weight inner fleece lining that provides protection over a wide range of temperatures. An **Extended Neck** design is available on the Two-Ply. The blue, mediumweight **Quilted Nylon** stretch liner has a red lining and three-ply construction with a middle layer of flame-resistant foam. Winter liners sold separately.

Item No	Description	EA	10
AME22251	Single-Ply Economy Liner	00.00	00.00
AME22294	Double-Ply Economy Liner	00.00	00.00
AME22295	Double-Ply Extended Neck Liner	00.00	00.00
AME22298	Quilted 3-Ply Liner	00.00	00.00