

# CONSTRUCTION PERSONAL PROTECTIVE EQUIPMENT FOR THE FEMALE WORKFORCE



In 2020, women accounted for only 3.8% of production occupations in construction, which is about one-fourth the level of all other industries (<https://www.bls.gov/cps/cpsaat17.htm>). One of the challenges facing women in the construction industry is finding personal protective equipment (PPE) that fits properly. This is a serious issue because PPE that does not fit properly will not adequately protect against occupational hazards and may increase the risk for illnesses, injuries and death. For example, oversized protective clothing can lead to tripping hazards or get caught in machinery and result in a serious injury. Poorly fitted fall protection harnesses may lead to other injuries or may not be effective in the event of a fall. Similarly, gloves that are too big put a worker at risk of coming in

contact with chemicals that can cause dermatitis or other skin diseases.

Although OSHA Construction Standards for PPE do not require employers to ensure that the PPE provided fits each employee, doing so will ensure their employees, including female employees, are protected. The following list of examples of commercially available PPE has been compiled to help employers and women in the trades find PPE that accommodates female anthropometry.

## CONSTRUCTION FOOTWEAR:

- [Carhartt Footwear Bison Waterproof Wellington ASTM 2413-11 EH compliant](#)
- [Caterpillar ECHO Steel Toe Boots](#)
- [Chippewa Tinsley Black Insulated Steel Toe Work Boot L73050 ASTM F2413 compliant](#)
- [Thorogood 6" Lace-up Work Boot MaxWear Wedge 814-4203](#)
- [Various Work Boots and Shoes by Timberland](#)
- [Various Brands of Work Boots and Shoes at Ariat](#)
- [Various Brands of Work Boots and Shoes at Lehigh Outfitters](#)
- [Various Brands of Work Boots and Shoes at SafetyGirl](#)
- [Various Brands of Work Boots and Shoes at Steel-Toe-Shoes.com](#)
- [Various Brands of Work Boots at Zappos](#)

## CONSTRUCTION FOOTWEAR COLD CLIMATE ACCESSORIES:

- [ThermaCELL ProFLEX Heated Insoles](#)
- [Tingley Winter-Tuff Ice Traction Spikes 12061](#)
- [Yaktrax Pro](#)

## EAR PROTECTION:

- [Radians Retail Custom Molded Earplugs](#)
- [Radians Lowset 21 Earmuff NRR 21 dB](#)
- [HexArmor accuFit Disposable Earplugs NRR 30 dB](#)
- [Girl Power at Work Disposable Earplugs NRR 30 dB](#)

## HARNESSES FOR PERSONAL FALL ARREST SYSTEMS:

- [French Creek FRC01-872 Full Body Harness OSHA Compliant](#)
- [3M DBI-SALA ExoFit NEX 613M2016 Cross-Over Harness AS/NZS 1891 Compliant](#)
- [Honeywell Miller Full Body Harness Model E570 OSHA Compliant](#)
- [MSA V-Series Full Body Harnesses OSHA Compliant](#)
- [FallTech FT-One Fit Fully Body Harnesses OSHA Compliant](#)

## HARD HATS:

- [MSA Hard Hats ANSI Z89.1 Type 1, Class E & G Compliant](#)
- [Bullard AboveView Helmet ANSI Z89.1 Type 1, Class E & G Compliant](#)
- [Bullard S51 - Standard Series Cap Style Helmet with Ratchet Suspension ANSI Z89.1 Type 1, Class E & G Compliant](#)

## HIGH VISIBILITY CLOTHING:

- [3A SAFETY C3WIN5301 Jacket ANSI 107 Class 3 Compliant](#)
- [ERB SAFETY S720 Type R Vest ANSI 107 Class 2 Compliant](#)
- [GSS Safety Vest 7803/7804 Class 2 Compliant](#)
- [KISHIGO 1521 Type R Vest ANSI 107 Class 2 Compliant](#)
- [KISHIGO 1525/1526 Type R Vest ANSI 107 Class 2 Compliant](#)
- [KISHIGO Unisex Soft Shell Jacket JS144 ANSI 107 Class 3 Compliant](#)
- [Radians SVL1-2ZGD Type R Vest ANSI 107 Class 2 compliant](#)
- [MCR Safety LVCL2ML Type R Vest ANSI 107 Class 2 Compliant](#)
- [Utility Pro Full Zip Soft Shell Jacket UHV668 ANSI 107 Class 2 Compliant](#)
- [Utility Pro Parka UHV664 ANSI 107 Class 3 Compliant](#)
- [SeeHerWork Women's ANSI 107 Class 2 Safety Vest](#)
- [ERB W651 Type R Women's Soft Shell Safety Jacket ANSI 107 Class 2 Compliant](#)

## FLAME RESISTANT CLOTHING:

- [Carhartt FR Rugged Flex Coverall NFPA 70E and NFPA 2112 Compliant](#)
- [Carhartt FR Full Swing Quick Duck Jacket NFPA 70E and NFPA 2112 Compliant](#)
- [Various FR Work Apparel by Bulwark](#)
- [Various FR Work Apparel by True North Gear](#)

## SAFETY GLASSES:

- [Bouton Eva Petite Safety Glasses ANSI Z87.1+ Compliant](#)
- [Crews CR2 Safety Glasses ANSI Z87.1+ Compliant](#)
- [Elvex Avion Women Ballistic Safety Glasses ANSI Z87.1+ Compliant](#)
- [Radians Mirage Small Safety Eyewear ANSI Z87.1+ compliant](#)
- [Radians Micro Shooting Glass ANSI Z87.1+ Compliant](#)
- [Gateway Safety StarLite SM ANSI Z87.1+ Compliant](#)
- [Gateway Safety Scorpion SM ANSI Z87.1+ Compliant](#)
- [Various Safety Glasses by Girl Power at Work ANZI Z87.1+ Compliant](#)

## SAFETY GLOVES:

- [Brookville 3100S Ladies Size Leather Driver](#)
- [SeeHerWork Women's Leather Work Gloves](#)
- [SeeHerWork Women's Impact Work Gloves](#)
- [Girl Power at Work GP8-611 Mechanics Glove](#)
- [Various Brands of Safety Gloves at SafetyGirl](#)

## MISCELLANEOUS:

- [Various Work Apparel by Dovetail Workwear](#)
- [Various Work Apparel by Red Ants Pants](#)

