



BE SEEN. BE SAFE. BE IN COMPLIANCE.

Know the ANSI / ISEA 107 Standards.



WHAT IS THE ANSI HI-VISIBILITY STANDARD?


The American National Standard for High-Visibility Safety Apparel and Accessories (ANSI/ISEA 107) is a standard established by the American National Standards Institute. Construction, maintenance, utility, emergency responders, airport ramp personnel and many categories of off-road workers are routinely exposed to potential injury hazards from their low visibility while on the job.

This standard provides guidelines for the selection and use of high-visibility safety apparel and other high-visibility accessories to improve worker visibility during the day, in low-light conditions, and at night.

Private companies, as well as various federal, state, and local authorities have embraced ANSI/ISEA 107-compliant garments and accessories as useful PPE (Personal Protective Equipment) for workers exposed to struck-by hazards.

TYPE O, CLASS 1 GARMENTS

Intended for use in environments where there are struck-by hazards from moving vehicles, equipment, and machinery **not** operating on public access rights of way or temporary traffic control zones.


- **WAREHOUSING** 
- Parking/Service location workers
- Oil & Gas extraction workers
- Refinery workers
- Mining



FABRIC and REFLECTIVE REQUIREMENTS	BMA* 217 in ² RMA** 155 in ² BMWM*** 1"
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TYPE R, CLASS 2 GARMENTS

Intended for use by personnel exposed to vehicular traffic from public access rights of way or roadway temporary traffic control zones. Class 2 garments require the use of greater amounts of high-visibility materials which help distinguish between a human and an inanimate object.

- **DELIVERY VEHICLE DRIVERS** 
- Forestry operations
- Ship cargo loading operations
- Roadway construction
- Utility and railway workers
- School crossing guards
- High-volume parking and toll gate personnel
- Airport ground crews
- Trash collection and recycling operations

FABRIC and REFLECTIVE REQUIREMENTS	BMA* 775 in ² RMA** 201 in ² BMWM*** 1.38" (1" for split trim)
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TYPE R, CLASS 3 GARMENTS

Intended for use by personnel exposed to vehicular traffic from public access rights of way or roadway temporary traffic control zones. Class 3 garments mandate an even higher standard of visibility for workers in moving, complex backgrounds.

- Roadway construction personnel and flaggers
- Utility workers
- Survey crews

FABRIC and REFLECTIVE REQUIREMENTS	BMA* 1240 in ² RMA** 310 in ² BMWM*** 2" (1" for split trim)
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SUPPLEMENTAL, CLASS E GARMENTS

Pants, bib overalls, shorts and gaiters meeting minimum area requirements for background material and retroreflective trim. Class E apparel, however, cannot be worn alone to provide adequate visibility of workers. When Class E items are worn with Performance Class 2 or 3 apparel, the overall classification of the ensemble is Performance Class 3.

TYPE P, CLASS 2 & CLASS 3 GARMENTS

Intended for emergency responders and law enforcement personnel in environments with struck-by hazards from traffic operating on public access rights of way or temporary traffic control zones.

- **Police Officers** • **Sheriff** • **Fire Responders** • **EMS**

FABRIC and REFLECTIVE REQUIREMENTS:
BMA* Class 2 - 450 in², Class 3 - 775 in² RMA** Class 2 - 201 in², Class 3 - 310 in²
BMWM*** Class 2 & 3 - 2" (1" for split trim)

TYPE O, CLASS 1 GARMENTS

“Off road” means just that, your team is off the roadway, but that doesn’t mean hi-vis isn’t needed. Being efficient in your line of work may mean moving fast – and when forklifts, packages, and people are moving fast accidents can happen. Whether your team is in a warehouse, on the dock, or tending a parking lot – there are a lot of moving pieces. Keep them safe with a HI-VISIBILITY COLOR BLOCK WORK SHIRT from Red Kap®.



TYPE R, CLASS 2 GARMENTS

Real protection for real exposure. Be sure that your team can be distinguished from inanimate objects by passerbys and other moving vehicles in the vicinity of their work area. Red Kap® has a full line of garments to help keep your team safe: from safety vests and performance shirts, to outerwear that comply with Type R, Class 2 requirements of ANSI/ISEA 107.



TYPE R, CLASS 3 GARMENTS

If your team is exposed to vehicular traffic from public access rights of way or roadway temporary control zones then they need to be in Type R, Class 3 garments. According to the NHTSA (National Highway Traffic Safety Administration) distracted driving is one of the leading causes of roadway accidents. Now more than ever drivers are paying less attention to what’s in front of them and that makes wearing the correct high-visibility garment even more important. With additional reflective striping on the sleeves and body, Red Kap® offers a wide range of garments to meet your Class 3 needs.



SUPPLEMENTAL, CLASS E GARMENTS

Class E garments worn alone do not provide adequate visibility of workers. Think of Class E as garment types that must be worn with an “Extra” garment that is either Performance Class 2 or 3 apparel. Red Kap® offers a Utility Pocket Pant that complies with Supplemental, Class E requirements of ANSI/ISEA 107-2015 and also pairs great with any of our Performance Class 2 or -Class 3 shirts.



Have Questions? Contact Us Today for Answers!

[Check out the full Hi-Vis collection](#)

Part of the Workwear Outfitters Family of Brands

