High Visibility Apparel Safety Question & Answer

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Question:
Who must wear what type of high visibility apparel when working within a highway right of way or contract limits?

Answer:
All DOT employees, contractor employees and visitors must wear protective helmets and high visibility construction apparel while working within a highway right of way or contract limits. Flaggers must wear high visibility traffic control apparel when directing or spotting traffic. High-visibility apparel is not required for employees and visitors when they are within a completely enclosed cab constructed of steel frame and glass, or inside a motor vehicle.

Conclusion:
All contractor employees (everyone on the Contractor’s payroll, all Subcontractor employees, material suppliers, and other personnel under the direction of the Contractor) and visitors, except flaggers must wear high visibility construction apparel consisting of a vest, shirt, or jacket; fluorescent orange-red or fluorescent yellow-green or combination of these colors with retroreflective bands meeting the requirements of ANSI 107 Class 2 when working within a highway right of way or contract limits and not within a completely enclosed cab constructed of steel frame and glass, or inside a motor vehicle.

Flaggers must wear high visibility traffic control apparel for conspicuity and NYSDOT design standards consisting of a vest, shirt, or jacket that is fluorescent orange-red with fluorescent yellow-green striping bands or fluorescent yellow-green with fluorescent orange-red striping bands, placed both horizontal and vertical, meeting the requirements of ANSI 107 Class 2 when directing/spotting traffic.

DOT employees working within a highway right of way must wear high visibility apparel meeting ANSI 107 Class 2 standards for conspicuity and NYSDOT design standards consisting of fluorescent orange-red with fluorescent yellow-green striping bands or fluorescent yellow-green with fluorescent orange-red striping bands, placed both horizontal and vertical, meeting the requirements of ANSI 107 Class 2 when working within a highway right of way or contract limits.
References:

§107-05 A High Visibility Apparel:

A. High Visibility Apparel. All employees shall wear at all times protective helmets and construction apparel or traffic control apparel when working within a highway right of way or contract limits. High visibility apparel meeting ANSI 107 colors of fluorescent orange-red, fluorescent yellow-green, or a combination of these colors should contrast with background intensify for worker conspicuity. All high-visibility apparel shall be closed front and rear; in good condition to maintain the color, visibility, reflectivity, and conspicuity. Employees will be considered to include everyone on the Contractor’s payroll, all Subcontractor employees, material suppliers, and other personnel under the direction of the Contractor. Protective helmets and high-visibility apparel are not required for employees when they are within a completely enclosed cab constructed of steel frame and glass, or inside a motor vehicle.

1. Protective Helmets. Protective helmets shall meet current OSHA standards for impact, electrical shock, and burn protection. Protective helmets used during nighttime operations shall be equipped with a minimum of 7500 mm² of reflective tape on all four sides (i.e., 25 mm by 75 mm strip - 1875 mm² per side). Protective helmets for flaggers shall be orange.

2. Construction Apparel. Construction Apparel shall consist of a vest, shirt, or jacket; fluorescent orange-red or fluorescent yellow-green or combination of these colors with at least 0.13 m² retroreflective bands meeting the requirements of ANSI 107 Class 2.

3. Traffic Control Apparel. Traffic Control Apparel shall consist of a vest, shirt, or jacket; fluorescent orange-red with fluorescent yellow-green striping bands or fluorescent yellow-green with fluorescent orange-red striping bands, placed both horizontal and vertical, meeting the requirements of ANSI 107 Class 2. The striping bands shall be approximately 120 mm wide with retroreflective strips. Retroreflective strips shall consist of two 25 mm wide retroreflective strips being 50 mm apart in the center of the fluorescent striping band material or a single 50 mm wide in the center of the fluorescent striping band material.

Safety Bulletin SB-07-6 – High-Visibility apparel and Hard Hat Policy

This Safety Bulletin outlines NYSDOT policy for high-visibility apparel and hard hats…applies to every Department employee, supervisor, and manager; and Department consultants others involved with Department projects. Effective 4/1/08, all DOT employees within the highway right-of-way shall wear high-visibility apparel meeting ANSI 107-2004 Class 2 standards for conspicuity and NYSDOT design standards.
Question:
Does a jacket certified meeting ANSI 107 Class 2 requirements with non-ANSI color meet specification for Construction Apparel.

Answer:
Yes, Construction Apparel consists of any vest, shirt, or jacket that meets the requirements of ANSI 107 Class 2.

References:
Standard Specification §107-05A – High Visibility Apparel (EI-07-022)
Construction Apparel shall consist of a vest, shirt, or jacket; fluorescent orange-red or fluorescent yellow-green or a combination of these colors with at least 0.13 m² retroreflective bands meeting the requirements of ANSI 107 Class 2.

ANSI 107 -2004
Section 11 Marking
Each piece of apparel shall be marked, on the product itself or label, including the following information:
  o Name, trademark, or identification of the manufacturer or authorized representative
  o Designation of the product type commercial name or code
  o Size Designation
  o Number of the specific ANSI/ISE 107-2004
  o Pictogram showing the Performance Class and level of photometric performance for apparel