

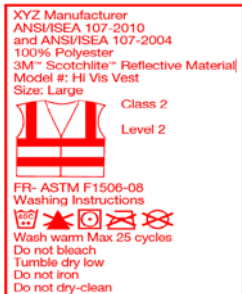
High Visibility Safety Apparel

Vermont Agency of Transportation

June 21, 2016

Agency Requirement

All VTrans employees working on or near a traveled roadway, including the back of a ditch at cut sections and the point of shoulder at fill sections, shall wear high-visibility safety clothing. These articles are high visibility safety yellow or another agency approved high visibility color and are available through State contract. Each employee required to wear the approved clothing articles shall be responsible for maintaining his/her clothing in a clean, serviceable condition. The high-visibility vests have been designed to display the



required retro-reflective material on a background of bright fluorescent fabric and shall not be altered or modified in any way. Employees shall notify his/her immediate supervisor if the vest has been misplaced, damaged or is no longer in good condition.

Employees working near heavy construction equipment shall always wear one of the approved high-visibility items.



When deemed necessary by the Engineer, or when noted in the project plans employees engaged in traffic control shall wear the high visibility vest with "Traffic Control" visible as well as the approved orange or lime green ball cap.

Garment



Type of Work to be Performed	Performance Class 2	Performance Class 3	Performance Class E
Daytime work activity within the Right-of-Way where speeds are equal to or less than 50 MPH	●	●	
Daytime work activity within the Right-of-Way where speeds are greater than 50 MPH	C	●	C
Daytime work activity within the Right-of-Way where speeds do not exceed 50 MPH, but work occurs behind guardrail, barrier, etc.	●	●	
Nighttime Work	C	C	*
Flagger Operations	C	C	C

- All apparel listed must have an ANSI/ISEA 107-2004 or 107-2010 label
- A combination (C) of Performance Class 2 apparel with Performance Class E apparel (trousers or gaiters) can be considered a Performance Class 3 ensemble. See table for approved combinations
- * Gaiters or trousers are required with either Class 2 or 3 apparel to provide full range of body movements

Head Wear	Performance Class 2	Performance Class 3
 <p>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 object."</p> <p>It is expected that maintenance employees will wear clothing, such as High Visibility t-shirts, sweat shirts, hats, and caps for flaggers or winter toques.</p> 	<ul style="list-style-type: none"> • Minimum background material: 775 in² • Minimum retroreflective material: 201 in² • Provides enhanced visibility during inclement weather • Intended for workers whose tasks divert their attention from approaching traffic for those who must work near vehicles exceeding 25 mph 	<ul style="list-style-type: none"> • Minimum background material: 1240 in² • Minimum retroreflective material: 310 in² • Provides enhanced visibility for workers who have tasks that place them in imminent danger from approaching traffic • Provides maximum visibility when the wearer must be conspicuous at a minimum distance of 1,280 feet.

2009 MUTCD Requirements

In Part 6D.03 requires that "All workers, including emergency responders, within the right-of-way who are exposed either to traffic (vehicles using the highway for purposes of travel) or to work vehicles and construction equipment within the TTC zone shall wear high-visibility safety apparel that meets the Performance Class 2 or 3 requirements of the ANSI/ISEA 107-2004 publication entitled "American National Standards for High-Visibility Safety Apparel and Headwear" (see Section 1A.11), or equivalent revisions, and labeled as meeting the ANSI 107-2004 standard performance for Class 2 or 3 risk exposure, except as provided in Paragraph 5. A person designated by the employer to be responsible for worker safety shall make the selection of the appropriate class of garment."

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