

# Stand out safely

If you work around vehicles moving faster than 30 km per hour, your high-visibility gear must meet strict safety standards. Here are four variations that fit that description.



Around vehicles moving faster than 30 km/h

## WCB Standard Type 1 — vest, shirt, or similar garment

**Vertical length of garment:** 0.61 m/24 in. (minimum)

**Background:**

- 0.13 m<sup>2</sup>/200 in.<sup>2</sup> (minimum front or back)
- Fluorescent — lime-yellow, yellow, orange\*

**Visibility-enhancing (VE) trim (fluorescent portion):**

- 0.05 m<sup>2</sup>/80 in.<sup>2</sup> (minimum front or back)
- Contrasting colour to background



## WCB Standard Type 2 — jacket, coat, coveralls, or similar garment

**Vertical length of garment:** 0.61 m/24 in. (minimum)

**Background:**

- 0.26 m<sup>2</sup>/400 in.<sup>2</sup> (minimum front or back)
- Fluorescent — lime-yellow, yellow, orange\*
- Bright — yellow, orange, red\*

**VE trim (fluorescent portion):**

- 0.05 m<sup>2</sup>/80 in.<sup>2</sup> (minimum front or back)
- Contrasting colour to background



## Types 1, 2, and 3

**VE-trim requirements:**

- A smooth, flat exterior finish, securely attached to the garment, and at least 50-mm (2 in.) wide
- Visible on the side of the garment
- One vertical stripe on either side of the front of the garment with an “X” pattern on the back
- Made either from combined performance or separate performance materials\*\*\*
- The retro-reflective portion of the VE trim continues along the length of the trim, with a minimum coefficient of retro-reflection equal to 240 cd/lx·m<sup>2</sup>

\*High-visibility background colours must meet chromaticity and luminance requirements of the WCB Standard.

\*\*\*Combined performance consists of a single strip that is both fluorescent and retro-reflective; separate performance consists of two strips (one fluorescent and one retro-reflective).

For a detailed look at the requirements, you'll need to familiarize yourself with the WCB Standard: "PPE 2 High Visibility Garment — Personal Protective Equipment Standard 2," available under WCB Standards on [worksafebc.com](https://www.worksafebc.com).

**WORK SAFE BC**

# Stand out safely

If you work around mobile equipment, your high-visibility gear must meet strict safety standards. Here are five variations that fit that description.



New!



**Flame-resistant (FR) coverall style:**

- Retro-reflective band 19-mm wide minimum
- Level 2 (330 cd/lx•m<sup>2</sup>) minimum

As of September 19, 2014, CSA Class 1 high-visibility safety apparel is an acceptable alternative to a Type 3 garment referenced in WCB PPE2-1997. See OHS Guideline 8.24-1: “Alternative standard for high-visibility apparel.”

**CSA Class 1**

**Background:**

- 0.14 m<sup>2</sup> /217 in.<sup>2</sup>
- Fluorescent — yellow-green, orange-red, red\*\*
- Bright — yellow-green, orange-red\*\*

**Non-FR coloured stripes or bands:**

- Distinctive pattern
- Retro-reflective or combined performance
- 0.10 m<sup>2</sup> /155 in.<sup>2</sup> (minimum front or back)
- Level 1 (250 cd/lx•m<sup>2</sup>) or Level 2 (330 cd/lx•m<sup>2</sup>)
- 50-mm wide (minimum)

**WCB Standard Type 3 — harness-style**

Vertical length of garment: 0.51 m/20 in. (minimum)

**Background:**

- 0.06 m<sup>2</sup> /100 in.<sup>2</sup> (minimum front or back)
- Fluorescent — lime-yellow, yellow, orange\*



**WCB Standard Type 3 — affixed**

- Type 3 harness-style garment that is permanently affixed to another garment (i.e., vest, shirt, or jacket)
- Harness portion meets the Type 3 requirements



\*High-visibility background colours must meet chromaticity and luminance requirements of the WCB Standard.

\*\*Colours must meet CSA requirements for chromaticity and luminance.

For a detailed look at the requirements, you'll need to familiarize yourself with CSA Z96-09: “High visibility safety apparel,” available at [ohs.csa.ca](http://ohs.csa.ca).

