

ANSI 107-2004

NEW ANSI 107 STANDARDS EXPLAINED



The ANSI/ISEA 107 standard was updated with a new version – ANSI/ISEA 107-2004. The ANSI/ISEA 107 standard continues to be the governing standard regarding the safety of employees exposed to public vehicular traffic. The changes affected three areas: class/performance designation, qualification of materials and the new certification program.

The primary difference in ANSI/ISEA 107-2004 is the establishment of performance levels. There are three distinct performance levels:

PERFORMANCE LEVEL 1 (CLASS 1) TYPICAL

(Performance Level 2 (Class 2) under certain conditions, Scenario A).

SCENARIO A:

For occupational activities that permit the worker:

- Full and undivided attention to approaching traffic
- Plenty of separation between the pedestrian worker and conflicting vehicle traffic
- Optimum visibility in uncomplicated backgrounds where vehicle and moving equipment speeds do not exceed 25 MPH.

PERFORMANCE LEVEL 2 (CLASS 2) TYPICAL

(Performance Level 1 (Class 1) or 3 (Class 3) under certain conditions, Scenario B).

SCENARIO B:

For occupational activities where the risk levels exceed those in Scenario A:

- Greater visibility is desired during bad weather
- There are complicated backgrounds
- Employees are performing tasks that draw their attention away from approaching vehicle traffic
- Vehicle or moving equipment speeds exceed those in Scenario A
- Work activities take place closer to vehicle traffic

PERFORMANCE LEVEL 3 (CLASS 3) TYPICAL

(Performance Level 2 (Class 2) or 3 (Class 3) under certain conditions, Scenario C).

SCENARIO C:

For occupational activities where the risk levels exceed those in Scenario B:

- Workers are exposed to much higher vehicle speeds and/or reduced sight distances
- The worker and vehicle operator have high task loads, clearly placing the worker in danger
- The wearer must be visible through the full range of body motions at a minimum of 390 meters (1,280 feet), and must be identifiable as a person.

ALL OK-1 ANSI VESTS MEET EITHER CLASS 2 OR CLASS 3 REQUIREMENTS.

HOW TO READ THE LABEL OF THE ANSI/ISEA 107 GARMENTS:

FRONT:



- A.** Trademark, name of the manufacturer
- B.** Number of the specific ANSI/ISEA 107-2004 standard
- C.** Designation of the product (product name or code)
- D.** Size (not required for headgear)
- E.** Pictogram of the vest
- F.** Two numbers to the right of the pictogram
 - a.** Top Number is the Performance Class (3, 2, 1 or E)
 - b.** Bottom Number is the level of Photometric performance (2 or 1)

OK-1 always uses level 2 reflective.

BACK:



- Wash in 40° C water, normal spin
- Do not bleach
- Tumble dry low
- Do not iron
- Do not dry clean

OK-1 Recommends 25X Max Washing

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