

Z87 COMMITTEE

SAFETY STANDARDS FOR EYE PROTECTION

International Safety Equipment Association (Z87 Secretariat)
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October 5, 2011

Mr. John Wolzmuth

Via Email: jwolzmuth@oakley.com

Dear Mr. Wolzmuth:

This correspondence is in response to your request for interpretation (dated May 19, 2011 in an e-mail communication) on Section 9.11, High Mass Impact Test of ANSI/ISEA Z87.1-2010. The Committee offers the following official responses to the specific questions you have posed, as noted below:

Question 1:

What constitutes a valid impact?

Committee Response:

It is the committee's interpretation that a valid impact is one in which the pointed end of the missile has an initial impact onto the device within a 20 mm diameter circle directly above the center of one of the eyes of the headform (when the headform is mounted face up in the horizontal position).

Basis for Interpretation

The ANSI/ISEA Z87.1-2010 standard is clear in Section 9.11.3, Procedure that the impact of the missile shall be within the 20 mm diameter circle on the lens directly above the center of one of the eyes. Additionally, although not stated directly, it was certainly the intent of the test description that the hardened steel tip of the missile would impact the lens. As long as the initial impact of the missile is within the 20 mm diameter circle, it is a valid impact regardless of whether or not the missile tip "skirts" along the surface

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Question 2:

Are secondary impacts valid?

Committee Response:

In accordance with the Committee's Operating Procedures which state that "*A request for an interpretation shall not be processed if it involves subjects that are not specifically addressed in the standard,*" the Secretariat is unable to provide a specific response to your question regarding the validity of secondary impacts because the term is not addressed in the ANSI/ISEA Z87.1-2010. The concept will be considered during a subsequent revision.

Please do not hesitate to contact me if you have further questions.

Sincerely,

A handwritten signature in cursive script that reads "Cristine Z. Fargo".

Cristine Z. Fargo
Z87 Secretariat Staff

Cc: Z87 Committee