

Standard Guidelines for Product Review

Impact Attenuator; Temporary

Section 00225.12

October 29, 2002

00225.12 – Impact Attenuator, Temporary

ODOT keeps two types of temporary attenuator on the Qualified Products List (QPL), but we may limit what is used on a project based on design criteria such as size, or if it is gating or re-directive.

- NCHRP 350 Test Level 2
- NCHRP 350 Test Level 3

Specifications - We require the product to comply with the following:

- (a) The attenuator shall be constructed so that its components are retained and will not be obstacles to nearby traffic if impacted.
- (b) The impacted attenuator shall not encapsulate the impacting vehicle so as to trap the occupants inside the impacting vehicle.
- (c) To have your product listed, you must show satisfactory compliance with:
 1. Crash test standards set forth by NCRHP 350 TL 2, or
 2. Crash test standards set forth by NCRHP 350 TL 3.

To apply for inclusion on the QPL, submit the following:

- Preliminary Information for Product Evaluation Form.
- Indicate if it is Re-directive or not.
- Indicate if it is Gating or Non-Gating.
- Independent test results showing compliance with specs listed above,
- Video of the crash testing.
- Copy of the approval letter from FHWA.
- Drawings showing exterior dimensions, mounting dimensions, and internal construction.
- 6 copies of product brochures with pictures, etc.
- Details for design criteria.
- Detailed installation instructions.
- Detailed repair instructions.
- List of limitations and precautions.

Submit documentation to:

Oregon DOT
Mike Dunning
800 Airport Road SE
Salem OR 97301-4798