

Standard Guidelines for Product Review
PLASTIC DRUMS. TEMPORARY;
Section 00225.13
September 22, 2008

To submit a product for review:

- Submit a completed [Preliminary Information Form for Product Evaluation](#).
- Submit shop drawings, brochures, pictures, and or samples sufficient for us to be able to determine that your product meets our specifications and is suitable for the application.
- Submit a "Self-Certification" for indicating compliance with NCHRP 350 Category 1. It is your responsibility to determine if your product is crash-worthy. To determine this crashworthiness, you should use crash tests and or an engineering analysis.

Specifications:

Plastic Drums - The unit shall comply with the MUTCD and the following:

- Made of tough, durable, low density, polyethylene. Either one-piece or two-piece construction. Open tops are not acceptable. Drum material must be orange in color.
- Be ballasted so that the drum will remain in its designated position. The ballast material shall be as the manufacturer recommends and weigh at least 10 pounds. Loose sand will not be allowed. The ballast shall be positioned in the bottom 12 inches of the drum so as not to constitute a hazard to the traveling public.
- Have drain hole(s) in the base
- At least 36 inches high
- Have a minimum diameter of 18 inches regardless of orientation
- Have four integral feet, a flattened side, or other approved method of providing stability and preventing rolling when hit.
- Use ASTM D4956 Type III or Type IV, reflective sheeting.
- At least two 4 to 6 inch wide, orange reflective bands and two 4 to 6 inch wide, white reflective bands alternately applied horizontally around the drums. Spaces between the reflective bands shall not exceed 3 inches.

Please forward your information and/or questions to:

OREGON DEPARTMENT OF TRANSPORTATION
ATTN: MIKE DUNNING (503) 986-3059
MATERIALS LABORATORY
800 AIRPORT RD SE
SALEM OR 97301-4798