

Standard Guidelines for Product Review

Longitudinal Pavement Markings – High Performance; Section 00866.00

March 3, 2010

DEPARTMENT OF
TRANSPORTATION

Construction Section
800 Airport Road SE
Salem, OR 97301-4798
503/986-3059

00866.00 – Longitudinal Pavement Markings - High Performance

General – All Pavement Markings used on ODOT projects must come from the ODOT Qualified Products List (QPL). Here is the link to the QPL Website if you are interested. <http://highway.odot.state.or.us/cf/QPLSearch/index.cfm>

Specifications – High performance Longitudinal Pavement Markings are designed to be the mid-level performing products. We require a one-year warranty from the manufacturer for these products. We allow high performance markings to be used in various applications. We allow spray and extrude. Current versions of all of our specifications are on the Internet. You can review the Standard Specifications and modifications to those called Special Provisions by reviewing Section 00850 and 00866 at:

<http://www.oregon.gov/ODOT/HWY/SPECS/index.shtml>

We require the reflective elements (glass beads) that are utilized with pavement markings to comply with the following:

Arsenic, Antimony & Lead Content – Reflective elements (glass beads) shall not contain more than the amounts listed for the following materials when tested according to EPA Test Methods 3052 and 6010C. Other suitable x-ray fluorescence spectrometry analysis methods may be used for screening purposes.

Arsenic	200 ppm (total)
Antimony	200 ppm (total)
Lead	200 ppm (total)

Process – To have your product evaluated for placement on the QPL, submit the following:

- [Preliminary Information for Product Evaluation Form](#).
- Copy of Independent Test Reports showing compliance with the Arsenic, Antimony & Lead Content requirements.
- Signed Warranty Acceptance Statement.
- Copy of your Contractor Certification program.
- Copies of Brochures, including pictures.
- MSDS (including primers if necessary).
- Limitations of Product.
- Installation Recommendations.
- Submit two cured samples of each color, and shape, approximately 8” long.
- Place each product on an ODOT Test Deck for Evaluation. – Contact Joel Fry at 503-986-4485 for information regarding up-coming test decks.

ODOT Categories for High Performance Longitudinal Pavement Markings

(On the submittal form, list the category you wish to have your product reviewed for.)

<u>Category</u>	<u>Applications</u>
Method 1 – Spray	Modified Urethane, Polyurea, Hi Build Paint
Method 2 – Inlaid	Modified Urethane, Hi Build Paint

Submit to:

Oregon Department of Transportation – Materials Lab

Product Evaluation Coordinator

800 Airport Road SE

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<http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/QPL/QPIndex.shtml>