

Standard Guidelines for Product Review
Supplementary Cementitious Material (SCM)
Silica Fume;
Section 02030.20
November, 2016

02030.20 - SCM, Silica Fume

ODOT keeps a list of Silica Fumes on the Qualified Products List (QPL). We allow silica fume as slurry containing silica fume, water and a high range water reducer, or as a densified powder.

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

- (a) The silica fume portion shall meet AASHTO M 307(ASTM C 1240), except Total alkalis, as equivalent Na₂O (Sodium Oxide) shall be 1.5% maximum.
- (b) The high range water reducer portion shall be compatible with the silica fume and be from the Oregon DOT QPL.
- (c) We do not allow the packaging to become part of the concrete mix.
- (d) If the silica fume is a slurry, as part of any submittal, list the silica fume content of the slurry (as a percent by weight): _____
- (e) Identify origin/source of Silica Fume.

To be considered for inclusion on the QPL - Submit the following:

- [Preliminary Information for Product Evaluation Form](#).
- Independent Test Results for 3 batches showing compliance with Specs listed above.
- Legible copy of the MSDS.
- Spec Data Sheet.

Send no samples at this time.

Submit all documentation to:

Oregon Department of Transportation
Product Evaluation Coordinator
800 Airport Rd SE
Salem OR 97301-4798