

Standard Guidelines for Product Review

Cement, Portland;

Section 02010.10

June 13, 2001

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We keep a list of the following portland cements on the Qualified Products List (QPL):

- Types I, II, III

You will need to comply with the specifications listed below. The Qualification is plant specific.

AASHTO M85 for low alkali cement except as follows:

- Cement used west of the summit of the Cascade Mountains shall have a total alkali content (sodium and Potassium oxide calculated as $\text{Na}_2\text{O} + 0.658 \text{K}_2$) not exceeding 0.80%.
- Types I or III shall contain a maximum of 10% tricalcium aluminate.
- The time-of-setting tests will be by either the Gilmore Test or the Vicat test.
- The maximum fineness (specific surface, m^2/kg) as determined by the air permeability test shall be 430 for any field sampled check test. Results of field sampled check tests will not be averaged.

Blended Hydraulic Cement shall be either Type IP portland-pozzolan cement or Type I(SM) slag-modified portland cement conforming to AASHTO M 240, supplemented and/or modified as follows:

- The cement constituent of the blended cement shall conform to the requirements listed above.
- The pozzolan constituent of the blended cement shall be a fly ash conforming to Class C, Class F or Class N Fly Ash conforming to AASHTO M 295, including Table 2, except that:
 - Loss on Ignition (LOI) shall be 1.5% maximum.
 - Moisture content shall be 1% maximum.
 - Amount retained on the 45 μm sieve shall be 30% maximum.
- Ground Granulated Blast-Furnace Slag shall conform to AASHTO M302

Process - Submit the following:

- Preliminary Information for Product Evaluation Form.
- Independent Test Results for 3 batches showing compliance with Specs listed above.
- Copy of your Quality Control Program
- Legible copy of the MSDS.
- Spec Data Sheet.

Submit to:

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