

Standard Guidelines for Product Review

## **Portland Cement;**

### **Section 02010.10**

August, 2016

#### **02010.10 – Portland Cement**

ODOT maintains a list of Type I, II and III Portland cements on the Qualified Products List (QPL):

You will need to comply with the specifications listed below.

The Qualification is plant specific.

**AASHTO M 85(ASTM C 150) for low alkali cement** except as follows:

- Cement shall have a total alkali content (sodium and potassium oxide calculated as  $\text{Na}_2\text{O} + 0.658 \text{K}_2$ ) not exceeding 0.60%.
- All cement types shall contain a maximum of 8% tricalcium aluminate(C3A).
- The time-of-setting tests will be by either the Gilmore Test or the Vicat test.
- Types I and II maximum fineness (specific surface) as determined by AASHTO T153 air permeability test shall be 430  $\text{m}^2/\text{kg}$ . If  $\text{C}_3\text{S} + 4.75 \text{C}_3\text{A}$  is less than or equal to 90, the fineness criteria does not apply.

Process - Submit the following:

- [Preliminary Information for Product Evaluation Form](#).
- **Independent** Test Results for 3 production runs showing compliance with Specs listed above.
- Copy of your Quality Control Program
- Legible copy of the MSDS.
- Spec Data Sheet.

#### **Submit all documentation to:**

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