

Standard Guidelines for Product Review
BAR REINFORCEMENT, HEADED

Section 02510.25

September 11, 2013

02510.25 Headed Bar Reinforcement

General:

All headed bar reinforcement used on ODOT projects must come from the Division's Qualified Products List (QPL).

Specifications:

- Headed bar reinforcement must meet ASTM A970, Class HA.
- Ferrous-filler coupling sleeve, forged and welded headed bar reinforcement will not be allowed.

Process for QPL Qualification:

As part of the QPL approval process the manufacturer must submit 3 samples, with testing fixtures, and independent test results conforming to specifications for each size of uncoated rebar. Grade 80 rebar may be submitted at the manufacturer's discretion. Qualified Grade 80 samples will also qualify lesser grade A615 or A706 headed rebar. These test reports and the other items listed above will be taken into consideration for inclusion on the QPL. The approval process is not quick, and should not be used for job specific approvals.

Process for Field Verification:

After QPL approval, prior to installation on ODOT projects, the contractor is required to submit job-control samples to the Central Materials Testing Laboratory for testing. This is to ensure that the installer is qualified to construct the units. Passing tests allow the headed rebar to be installed on that specific project, by that specific installer. Failure of any one of those tests will prohibit installation until further testing shows conformance with our specifications. Frequent failures of job-control tests can be reason for rejection from the QPL.

You can review our specifications at: <http://www.oregon.gov/ODOT/HWY/SPECS/index.shtml>

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Submit the following:

- Preliminary Information for Product Evaluation Form.
- Independent Test Results showing compliance with Specs listed below.
- Spec Data Sheet.
- 4' samples of each size (uncoated)
- Detailed installation instructions.
- List of Limitations and Precautions.

Submit all documentation to:

Oregon Department of Transportation

Product Evaluation Coordinator

800 Airport Rd SE

Salem OR 97301-4798

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