

New Hampshire Department of Transportation
Bureau of Materials & Research

Qualified Products List – Qualification Criteria

Section 520 – Portland Cement Concrete

C. AIR ENTRAINING ADMIXTURES

D. WATER REDUCING ADMIXTURES

E. RETARDING ADMIXTURES

F. WATER-REDUCING, HIGH RANGE ADMIXTURES

G. CORROSION INHIBITORS

Specification - 2010 Standard Specifications for Road and Bridge Construction, Section 520

Air-entraining admixtures shall meet the requirements of AASHTO M 154

Water-reducing admixtures shall meet the requirements of AASHTO M194, Type A.

Water-reducing, high-range admixtures shall conform to AASHTO M 194, Type F & G.

Corrosion inhibitor admixtures shall conform to ASTM C 1582.

Water-reducing and retarding admixtures (herein referred to as retarding admixtures) shall meet the requirements of AASHTO M 194, Type D.

Required Submissions

QPL Product Submittal Form

The submitted form must be completely filled out and must be the current version of the form. The QPL Product Submittal Form can be obtained at:

<http://www.nh.gov/dot/org/projectdevelopment/materials/research/products.htm>.

Product Literature

Submit any product literature that is relevant to evaluation of the product.

Letter of Compliance

Submit a notarized letter, on the manufacturer's letterhead, that affirms that the product meets all requirements described herein.

NTPEP Test Results

As part of the evaluation, the Department will obtain and review index test results from the AASHTO National Transportation Product Evaluation Program (NTPEP). Visit www.ntpep.org for information about submitting products to this program.

Lab Test Results

Submit test results demonstrating that the product meets the applicable specifications. Test documentation may be from either a State transportation agency or appropriately qualified independent lab. Qualifications of the independent lab must be submitted for review.

SDS (formerly, MSDS)

Submit complete SDS information for the submitted product.

Qualification Criteria

Concrete admixtures that have not been tested by the NTPEP program will not be evaluated. NTPEP provides for retesting of concrete admixtures on a 5-year basis. Expiration of NTPEP test results may result in disqualification of the product.

Product submittals will be reviewed to assure compliance with the applicable specifications.

Use of qualified admixtures is contingent upon approval of a concrete mix design that includes the admixture as a component.

Qualification Criteria Approved by:


Administrator, Bureau of Materials & Research

The Department continues to evaluate its qualification criteria as well as products that have been qualified against them, and reserves the right to revise the criteria and/or withdraw product qualification at any time for any reason without notice.

Qualification of a product does not constitute an endorsement of the product, nor does it imply intent to purchase or specify the product.

(Revised July 24, 2015)