

ALABAMA DEPARTMENT OF TRANSPORTATION
PROCEDURE FOR EVALUATION AND MAINTENANCE OF

LIST II-1

CHEMICAL ADMIXTURES FOR USE IN PORTLAND CEMENT CONCRETE

1. **Material:** Chemical admixtures for use in Portland Cement Concrete
 2. **Specification:** Sections 808 and 809
 3. **Jurisdiction:** Product Evaluation Board (Concrete Engineer)
 4. **Job Acceptance Requirements:** No job control testing required if material comes from a listed source and performs satisfactorily. Submit samples to the Central Laboratory if the material is suspected of being inferior.
 5. **Project Engineer's Responsibility:** The Project Engineer must verify that the materials are from approved sources.
 6. **Producer's Initial Requirements**
Types A-S & Air Entraining: Companies wishing to have products of these types evaluated for placement on this list must contact the American Association of State Highway and Transportation Officials (AASHTO) Product Evaluation & Audit Solutions (formerly National Transportation Product Evaluation Program (NTPEP)):

555 12th Street NW, Suite 1000
Washington, D.C. 20004
(202) 624-5800
<https://transportation.org/product-evaluation-and-audit-solutions/>
-or-
Search: "AASHTO Product Evaluation and Audit Solutions"

After the product is evaluated by AASHTO Product Evaluation & Audit Solutions, and results printed in the AASHTO report, companies should furnish the Department's Product Evaluation Engineer with the following:
6.1 A written request to place product on the list. The request must include the AASHTO Number for the most recent evaluation of the product. Only evaluations from the previous 5 years will be accepted. Products may not be submitted prior to completion of the 1-year compressive strength tests.
6.2 New Product Evaluation Form & fees, in accordance with ALDOT-355.
 7. **Producer's Initial Requirements**
- Dry-cast Admixtures:** This category of admixtures consists of admixtures only to be used in the dry-cast manufacturing of precast concrete products, such as pipe, segmental retaining wall units, etc. Companies wishing to have products of this type evaluated for placement on this list must furnish the Department's Product Evaluation Engineer with the following:
- 7.1 Technical data sheets to provide all pertinent information relative to the product to be evaluated, including, but not limited to: manufacturer's specifications, mixing instruction, recommended application procedure and rate, & typical analysis.
 - 7.2 Materials Safety Data Sheet (MSDS).
 - 7.3 A certified statement giving the producer's quality control limits for specific gravity, solids content, and chloride content.
 - 7.4 New Product Evaluation Form & fees, in accordance with ALDOT-355.
8. **Producer's Maintenance Requirements:** Companies with products on this list will be required to comply with the following to remain on the list:
 - 8.1 Produce the same quality of material as supplied for the original evaluation.
 - 8.2 Provide only approved materials to Department projects.
 - 8.3 Notify the Department within thirty (30) days of any changes in company name, product name, company address or company ownership.
 - 8.4 Immediately notify the Department of any changes in production of the product. Any alteration that will change the product chemically or physically will require a reevaluation of the product.
 - 8.5 **Types A-S & Air Entraining:** Submit product to AASHTO Product Evaluation & Audit Solutions for re-evaluation every 5 years, or as required by the approved work plan.
 9. **Contractor's Requirements:** The prime contractor will be responsible for purchasing and using only approved materials.
 10. **Removal of Products:** Products will be removed from this list for any of the following:
 - 10.1 Mislabeling products or substitution of products other than those originally evaluated.
 - 10.2 Failure to comply with any of the requirements of this procedure or Department Specifications.
 - 10.3 Failure to perform satisfactorily in the field.

10.4 A continued pattern of failure of products to be within the quality control limits set in the specifications.

11. **Correspondence:** All correspondence concerning this list should be directed to the following:

Product Evaluation Board
Alabama Department of Transportation
3704 Fairground Road
Montgomery, AL 36110