



Bureau of Materials Materials Approval Procedures

MAP Number: **131-15**

Effective Date: April 1, 2015

Approved By: Eileen Sheehy

PROCEDURE FOR APPROVAL OF REINFORCED CONCRETE PIPE PRODUCERS

PURPOSE:

To establish a procedure to approve Reinforced Concrete Pipe Producers for addition to the NJDOT Bureau of Material's Qualified Products List (QPL).

REFERENCES:

*New Jersey Department of Transportation Standard Specifications for Road and Bridge Construction
Section 909.02.01, 106.03, and 106.07*

AASHTO M 170

American Concrete Pipe Association (ACPA) Design Manual

PROCEDURE:

A. Producer's Request for Approval.

The producer shall request in writing for the approval of the plant. Include the following information in the written request:

1. The name, address, and contact information for the producer.
2. Location and directions to the plant.
3. Attestation that the plant is capable of supplying reinforced concrete pipe items in compliance with Section 909.02.01 of the Standard Specification and AASHTO M 170.
4. Documentation of American Concrete Pipe Association "Quality Cast" Plant Certification.

Mail the request for approval:

Mailing Address (USPS):

Manager, Bureau of Materials (Thiokol Bldg. 4)
New Jersey Department of Transportation
P.O. Box 600
Trenton, NJ 08625-0600

Street Address (UPS, FedEx, etc.):

Manager, Bureau of Materials (Thiokol Bldg. 4)
New Jersey Department of Transportation
930 Lower Ferry Road
West Trenton, NJ 08628

B. Bureau of Materials Inspection of the Plant

The ME will inspect the plant to ascertain if it can design and produce quality material meeting all reference specifications and manuals. Compliance will be verified by 3-point load testing at the facility. The ME will notify the producer of his findings of the inspection. If there are deficiencies, the ME's notice will give a timeframe for corrective action to be taken. The ME will re-inspect the plant and laboratory to ensure compliance.

C. Quality Control Plan

The producer shall submit to the ME for approval a copy of the Quality Control (QC) Plan approved by the ACPA. Ensure that the Quality Control Plan addresses processes to ensure that materials used in fabrication meet NJDOT standards.

D. Buy America Compliance Plan

A detailed Plan for Compliance with Buy America as required in 106.03 and 106.07 of the Standard Specification. The plan must include methods for identifying and segregating stock and items that contain foreign steel.

E. Annual Re-approval of the Plant

The ME will inspect the plant on a random basis to ensure continued compliance with the requirements of Section 909.02.01 and the QC and Buy America Compliance Plans.

On an annual basis, the producer shall seek re-approval of the QC Plan by submitting to the ME either a revised QC Plan or a new first page of the QC Plan along with a confirmation that the previously approved QC Plan will be used in the coming year. During the course of the year, the producer shall request approval of any proposed changes to the QC Plan.

The ME will re-approve the plant annually based on compliance with the requirements for the plant and laboratory, the QC Plan approval, the mix design approval, and concrete truck approvals. The ME will notify the producer for non-compliance and will remove the plant from the QPL for continued non-compliance.

PROJECT ACCEPTANCE REQUIREMENTS:

Qualification of a plant and addition to the QPL does not constitute a blanket approval of the material. The Contractor for each proposed project must submit the plant and the proposed mixes on a Materials Questionnaire as specified in Section 106. The ME will accept RCP in accordance with Section 909.02.01 of the *NJDOT Standard Specifications for Road and Bridge Construction*.

DISQUALIFICATION:

The ME may remove the producer from the QPL for non-conformance with specification requirements, for non-conformance to the approved QC Plan, non-conformance to the Buy America Compliance Plan, or for a documented history of poor quality. The ME may also remove the producer from the QPL for repeated or egregious non-compliances found during random audits. The producer shall notify the ME, in writing, of any major modifications to the plant or changes in material sources. Failure to notify the ME will result in disqualification.

REQUALIFICATION:

The ME will reevaluate a plant which has been disqualified and removed from the QPL only after submission of a formal request along with acceptable evidence that the problems causing the disqualification have been resolved.

The ME may require the producer to requalify if the Department's standard specifications change.