

# HIGH DENSITY POLYETHYLENE THERMOPLASTIC DRAINAGE PIPE

## GENERAL

This evaluation procedure outlines the Department's approval process for High Density Polyethylene (HDPE) Thermoplastic Drainage Pipe Manufacturers.

## SPECIFICATIONS

TDOT Standard Specification 914.10

Standard Drawing D-PB-2

AASHTO M 252

AASHTO M 294

ASTM D638

ASTM D790

ASTM D792

ASTM D1238

ASTM D1505

ASTM D1603\*

ASTM D4218\*

ASTM D1693

ASTM D2122

ASTM D2412

ASTM D2444

ASTM D3350

ASTM D4883

ASTM F2136

\*Note: Both D1603 and D4218 are permitted, but D4218 will be considered the definitive test in case of a conflict or dispute.

## PROCEDURES

Tennessee Department of Transportation (TDOT) will use the National Transportation Product Evaluation Program's (NTPEP) National Audit Program (NAP) in its approval process. Manufacturers will be required to submit to the NTPEP HDPE Thermoplastic Drainage Pipe audit program annually.

Inclusion on the Producer List is based on certification that the manufacturer meets the above specifications, and a review of the final audit report along with corrective actions and conformance testing will be considered in the evaluation.

All submittals must be submitted to Headquarters Materials and Tests Division at the contact listed below.

Headquarters Materials and Tests Division  
6601 Centennial Boulevard  
Nashville, Tennessee 37243

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