

State of Louisiana
Department of Transportation and Development (DOTD)
Materials and Testing Section Approved Materials Procedure
for

TRAFFIC PAINT

MATERIAL SPECIFICATION REFERENCE:

DOTD Standard Specifications, Subsection 1015.12 Traffic Paint

APPROVED MATERIAL EVALUATION SUBMITTAL:

The manufacturer shall submit a completed Approved Materials Evaluation Submittal to the DOTD Materials and Testing Section Coordinator listed below.

PRELIMINARY REQUIREMENTS:

The complete submittal must include:

- Complete Approved Materials Evaluation Form
- Letter requesting evaluation of the material
- Product Data Sheets
- Safety Data Sheet
- Manufacturer's specifications
- NTPEP Product Evaluation Data
- Sample
- AASHTO National Transportation Products Evaluation Program (NTPEP) Results

The address of the contact affiliated with AASHTO NTPEP is:

NTPEP Coordinator
AASHTO National Transportation Products Evaluation Program
444 N. Capitol St. N.W.
Suite 249
Washington, D.C. 20001
Phone: (202) 624-3695
Fax: (202) 624-5806
<http://data.ntpep.org>

For detailed information, refer to the Operational Procedures of the AASHTO NTPEP available from the NTPEP Coordinator.

NOTE: Evaluation will not begin until all required items listed above are received by the Materials Laboratory.

PRELIMINARY REQUIREMENTS CONTINUED:

Sample (to be furnished at no cost to the Department)

One quart of the material shall be submitted for lab evaluation.

All containers shall be labeled showing:

- Manufacturers Brand Name
- Material Name
- Lot/Batch Number
- Date of Manufacture

TEST REQUIREMENTS:

AASHTO NTPEP

Laboratory and field results obtained by the AASHTO NTPEP will be used in the evaluation of this material.

Laboratory Testing

Laboratory results obtained by the AASHTO NTPEP will be used to determine conformance to DOTD Standard Specification, Subsection 1015.12

Field Evaluation

Traffic paints subjected to field testing will be inspected by the AASHTO NTPEP for retroreflection, color, durability and appearance. These results will be used to determine acceptability by the Department.

Traffic Paint shall have the following minimum retroreflectance values from AASHTO NTPEP data:

Initial Retroreflectivity and Color

For traffic paint, initial retroreflectivity and color shall conform to DOTD Standard Specifications, Subsection 1015.12 Traffic Paint. These minimum criteria apply to asphaltic and concrete test decks. The readings shall be used from both the skip and wheel path.

Durability

Traffic paint shall retain the minimum reflectivity value of 150 mcd/lux/sq m for white and 100 mcd/lux/sq m for yellow at least 6 months after placement. This minimum criterion applies for asphaltic and concrete sites. The readings shall be used from both the skip and wheel path.

TEST REQUIREMENTS CONTINUED:

Evaluation Time

A final report will be received after the evaluation period. Exact deadline dates and details for submittals should be obtained from the NTPEP Coordinator.

GENERAL:

Upon completion of the evaluation, the submitter will be notified in writing concerning the results of the evaluation and whether the material will or will not be added to the Approved Materials List (AML). The DOTD Materials and Testing Section Coordinator must be notified in writing of any change from the original material submittal. The Department of Transportation and Development reserves the right to reevaluate any material at any time. A Certificate of Analysis (CA) of the material shall be submitted annually to the DOTD Materials and Testing Section Coordinator to remain on the AML.

It is also the manufacturer's responsibility to supply the contact information of the representative responsible for the material to the Materials Section Coordinator to remain on the AML. This is done by completing the Approved Materials Evaluation Form every two (2) years or when there is a change in the manufacturing representative responsible for the material.

PROJECT ACCEPTANCE REQUIREMENTS:

The inclusion of any material on the Approved Materials List is not blanket approval for its use. All materials, regardless of prior approval, shall be sampled in accordance with the Materials Sampling Manual.

DISQUALIFICATION:

Any material may be removed from the AML at any time. Causes for removal from the AML may include, but are not limited to the following:

- Non-conformance with specifications
- Performance requirements
- Failure to notify the Department of any change in material formulation
- Failure of the supplier to provide proper certifications as required by this procedure
- Failure to supply verification samples in accordance with this procedure
- Failing test results obtained by the Materials Section of project verification samples
- Failure to supply current contact information for the material representative in accordance with this procedure

REQUALIFICATION:

Any material which has been disqualified and removed from the AML will be considered for re-evaluation only after submission of a formal request along with acceptable evidence that the problems causing the disqualification and/or removal have been resolved.

DOTD MATERIALS AND TESTING SECTION COORDINATOR:

Michael Grubb
Chemical Laboratory Engineer
DOTD Materials and Testing Section
5080 Florida Blvd.
Baton Rouge, La. 70806-4123
Phone: (225) 248-4121
Fax: (225) 248-4187
Michael.grubb@la.gov

Approved 05/24/17



BRIAN OWENS, P.E.
DOTD MATERIALS ENGINEER ADMINISTRATOR