

10/23/20

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

ANTI-STRIPPING ADDITIVES

MATERIAL SPECIFICATION REFERENCE:

DOTD Standard Specifications, Subsection 1002.02.1

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 (SDS)
- Manufacturer's specifications
- Mixing instructions
- Recommended application procedure and rate
- Certificate of Analysis
- One (1) pint sample

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

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

Submit a one (1) pint sample and a Certificate of Analysis (CA) of the material to the Materials Testing Section for evaluation.

TEST REQUIREMENTS:

Laboratory Testing

Samples shall be tested to determine the following properties:

- Stripping test (DOTD TR 317): The test mixtures shall exhibit a minimum average of 90% asphalt retention when the anti-stripping additive is added at a rate of 0.5 percent by weight of asphalt cement.
- Flash Point (AASHTO T 48)
- Pour Point (ASTM D 97)

Field Evaluation

The Department may require an anti-stripping additive to prove its performance through field use and evaluation prior to placement on the Approved Materials List (AML).

Evaluation Time (4 weeks)

Laboratory testing - 2 weeks

Evaluation of results – 2 weeks

Field testing (if required) – 12 months

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 AML. The DOTD Materials and Testing Section Coordinator shall be notified in writing of any change from the original material submittal. The Department reserves the right to re-evaluate any material or individual material at any time. A CA of the material shall be submitted annually to the DOTD Materials and Testing Section Coordinator to remain on the AML.

PROJECT ACCEPTANCE REQUIREMENTS:

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

DISQUALIFICATION AND REMOVAL:

Any material may be removed from the AML for non-conformance with specifications, performance requirements, failure to supply annual CAs to the DOTD Materials and Testing Section Coordinator or failure to notify the Department of any change in material formulation.

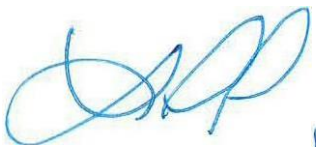
REQUALIFICATION:

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 removal have been resolved.

DOTD MATERIALS AND TESTING SECTION COORDINATOR

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Approved



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LUANNA CAMBAS, P.E.
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