

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

ASPHALT MIX RELEASE AGENTS

MATERIAL SPECIFICATION REFERENCE:

DOTD Standard Specifications, Subsection 1018.10

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
- 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.

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TEST REQUIREMENTS:

AASHTO NTPEP

Laboratory 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 that the material exhibits no deleterious effects on hot mix asphaltic concrete by demonstrating conformance to the following requirements:

Asphalt Release Agent Properties

Test		Requirement
7-Day Asphalt Stripping Test		
	Diluted to recommended mix ratio	No stripping
	Full Strength	No stripping (see note)
Mixture Slide Test		10 grams retained, max
Note – Recommended dilution mix ratio may be considered when evaluating the 7-day stripping test at full strength.		

Field Evaluation

The Department may require an Asphalt Mix Release Agent to prove its performance through field use prior to placement upon the Approved Materials List (AML). The field evaluation will be performed by District Laboratory personnel, and shall entail application of the material to a truck bed with subsequent observation of hot mix being dumped from the bed. Comparison to other trucks dumping hot mix from beds sprayed with a previously approved Asphalt Mix Release Agent is the basis for this evaluation.

Evaluation Time (12 weeks)

Laboratory testing - 2 weeks

Field Evaluation – 8 weeks

Evaluation of results – 2 weeks

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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 Certificate of Analysis (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.

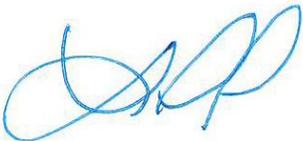
REQUALIFICATION:

Any material which has been disqualified and/or 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

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Approved



10-23-2020

LUANNA CAMBAS, P.E.
DOTD MATERIALS ENGINEER ADMINISTRATOR