

State of Louisiana
Department of Transportation and Development (DOTD)
Materials and Testing Section Qualification Procedure
for
EROSION CONTROL PRODUCTS
SLOPE PROTECTION & FLEXIBLE CHANNEL LINERS

MATERIAL SPECIFICATION REFERENCE:

DOTD Standard Specifications, Subsection 1018.15.2

APPROVED MATERIAL EVALUATION SUBMITTAL:

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

PRELIMINARY REQUIREMENTS:

The complete AMES must include:

- Complete Approved Materials Evaluation Form;
- Detailed outline of the manufacturer's quality assurance sampling and testing program;
- Manufacturer's specifications;
- Field Performance Test Data performed by TTI or AASHTO Product Evaluation & Audit Solutions;
- Product Data Sheets;
- Product Sample (to be furnished at no cost to the Department)

The address of the contact affiliated with TTI is:

TTI Coordinator
Texas Transportation Institute
Texas A&M University System
3135 TAMU
College Station, TX 77843-3135
Phone: (979) 847-8709
Fax: (979) 862-1759

PRELIMINARY REQUIREMENTS CONTINUED:

The address of the contact affiliated with AASHTO Product Evaluation & Audit Solutions is:

AASHTO Product Evaluation & Audit Solutions Coordinator
AASHTO Product Evaluation & Audit Solutions Products Evaluation Program
444 N. Capitol St. N.W.
Suite 249
Washington, D.C. 20001
Phone: (202) 624-3695
Fax: (202) 624-5806
<https://datamine.transportation.org/>

For detail information, refer to the Operational Procedures of the TTI/AASHTO Product Evaluation & Audit Solutions available from the Coordinator.

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

TEST REQUIREMENTS:

Field Testing:

Field Testing for source approval shall be performed by the TTI / HECL located in Bryan, Texas or AASHTO Product Evaluation & Audit Solutions located in Washington, DC. Installation fees & options, installation procedures, evaluation procedures, and retest procedures are in accordance with those that are in use by TTI at the time of evaluation. Source approval will be based on conformance of test results with the requirements of subsection 1018.15.2 for Slope Protection Systems and Flexible Channel Liners.

Laboratory Testing:

The sample(s) submitted with the request for source approval will be used as a reference to identify the components of the system. Laboratory testing to determine mass per unit area in accordance with ASTM D 5261 and thickness in accordance with ASTM D 1777 may be used to verify conformance of mats with the manufacturer's production tolerances.

Evaluation Time:

Total evaluation time averages 4 weeks if the above required field performance data is included in the submittal.

GENERAL:

Erosion control systems include all components including the installation procedure, hardware, and additives (if applicable) that were used during the field performance evaluation. Each component will be verified as being the same as that used during the field evaluation by TTI or AASHTO Product Evaluation & Audit Solutions . Copies of the approved installation procedure will be returned to the source for distribution with each shipment. Approval by extension for the Type A slope condition (3:1) may be given based on conformance with Type A requirements after being tested on the more severe Type B slope condition (2:1).

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 at any time. A Certificate of Compliance (CC) of the material shall be submitted every two (2) years 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 a blanket approval for its use on a DOTD project. All project materials, regardless of prior approval, shall be sampled in accordance with the DOTD Materials and Sampling Manual.

DISQUALIFICATION:

Any material may be removed from the AML for non-conformance with specifications or performance requirements, or failure to notify the Department of any changes in material formulation.

- 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
- 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

RE-QUALIFICATION:

Any source 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,

Brandon M. Johnson, P.E.
Soils & Aggregate Test Engineer
DOTD Materials and Testing Section
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Approved 01/27/25



KRISTOPHER WASCOM, P. E.
DOTD MATERIALS ENGINEER ADMINISTRATOR