

10/23/20

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

ELASTOMERIC BRIDGE BEARING PADS

MATERIAL SPECIFICATION REFERENCE:

DOTD Standard Specifications, Subsection 1018.14

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
- One (1) finished typical bearing pad sample
- Certificate of Analysis

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

Certifications and/or Test Reports

Submit a Certificate of Analysis (CA) reporting actual test results of the material properties for each material submitted. In addition, a Certificate of Compliance is required for all laminated pads, stating that each pad has been load tested to 1500 psi and that the steel laminates are properly aligned.

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

Submit one (1) finished bearing pad typical of the size and type intended for Department projects. Pin grooves of laminated pads are to be properly filled. In addition, submit at least two (2) sets of prepared specimens of virgin, low temperature Grade 2 polychloroprene complying with AASHTO M 251 specifications. All samples shall be produced from factory mixed stock.

TEST REQUIREMENTS:

Laboratory Testing

The approved materials sample shall be tested in accordance with the applicable procedures shown in the attached Subsection 1018.14.

Evaluation Time (4 weeks)

Laboratory testing - 2 weeks

Evaluation of results – 2 weeks

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 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:

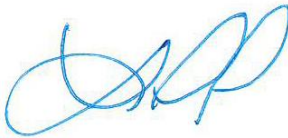
Any material which has been disqualified and/or removed from the AML will be considered for re-evaluation only after submission of a formal request along with acceptable evidence that the problems causing the disqualification and/or removal have been resolved.

Materials and Testing Section
Elastomeric Bridge Bearing Pads
Page 3

DOTD MATERIALS AND TESTING SECTION COORDINATOR

Daniel Huggins, E.I.
Special Testing Engineer Intern
DOTD Materials and Testing Section
5080 Florida Blvd.
Baton Rouge, LA 70806-4132
(225) 248-4102
Daniel.Huggins@la.gov

Approved



10-23-2020

LUANNA CAMBAS, P.E.
DOTD MATERIALS ENGINEER ADMINISTRATOR