

**KANSAS DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION TO THE
STANDARD SPECIFICATIONS, EDITION 2015**

Delete SECTION 1719 and replace with the following:

SECTION 1719

RELEASE COMPOUND FOR ASPHALT MIXES

1719.1 DESCRIPTION

This specification covers release compounds for asphalt mixes. Products are tested via AASHTO's National Transportation Product Evaluation Program (NTPEP). The results are then evaluated by KDOT for compliance with this specification.

1719.2 REQUIREMENTS

Provide a concentrated liquid release compound containing no petroleum solvents (diesel fuel, kerosene, etc.), which when tested using the procedures detailed in AASHTO T 383, complies with the following:

- Asphalt Stripping Test: Only slight stripping or discoloration of diluted samples and only slight stripping of non-diluted samples after 168 hours.
- Mixture Slide Test: No more than 10.0 grams of HMA remain adhered to the metal plate after the third application cycle.
- Asphalt Performance Test: The first three cycles (pulls) result in less than 10.0 percent asphalt binder being retained on the metal plate. At least 10.0 percent of the asphalt binder can be retained on the metal plate no earlier than with the fourth cycle (pull).

The results for all three replicates must individually comply with the above requirements.

1719.3 TEST METHODS

Test the material in accordance with the NTPEP work plan for Asphalt Release Agents.

1719.4 PREQUALIFICATION

a. Each release compound must be prequalified. Submit a written request to be evaluated for prequalification to the Engineer of Tests, Bureau of Construction and Materials. Provide the following for each brand and type of material to be evaluated:

- (1) Name, address, and telephone number of the manufacturer and the preferred contact person.
- (2) Name of product and manufacturers dilution recommendation.
- (3) Material Safety Data Sheets.

(4) Submit the most recent NTPEP test report (including color photos) along with evidence that the product being offered is identical to the one reported in the NTPEP report. Test results will be evaluated in relation to **subsection 1719.2.**

b. The Bureau of Construction and Materials will maintain a list of prequalified release compounds. Prequalification using NTPEP testing will require retesting every five years as detailed in the NTPEP standard practice for Asphalt Release Agents. Failure to retest and a consequent removal from the NTPEP website will result in the product's removal from the list of prequalified products. Changes in the formulation or manufacturing process, will require a new prequalification. Repeated failures of the release compound to function appropriately may result in the product's remove from the approved list.

1719.5 BASIS OF ACCEPTANCE

Prequalification as specified in **subsection 1719.4.**
Satisfactory performance in the field.