

Guidance for approval of:

COARSE AGGREGATE FOR USE IN ASPHALTIC CONCRETE

Effective Date: March 2024

SCOPE

Aggregate sources producing coarse aggregate material for use in asphaltic concrete and are requesting approval to supply to the Oklahoma Department of Transportation (ODOT) for use in Highway Construction Projects, must fulfill the following requirements described in the aggregate source, coarse aggregate material testing by the source, and submittal of final report sections.

Prior to any aggregate approval, the coarse aggregate material will be tested and evaluated by the Materials Division of the Oklahoma Department of Transportation, as noted in Materials Division sampling, testing, and evaluation and Materials Division acceptance or denial, as described below. Only materials meeting these requirements and the requirements as per ODOT Standard Specification 708.02, will be listed on the Approved Rock, Stone, and Sand sources list to provide coarse aggregate material.

AGGREGATE SOURCE

The required information listed below shall be on the official letterhead of the operating company.

Required information:

- The name of the source (how it should be listed on the Materials Division sources list)
- Type of material being quarried (Sandstone, Limestone, etc.)
- Legal description of the property (Section-Township-Range) and County where source is located
- Physical address of the source
- Mailing address for correspondence
- Current, up to date proof/certificate of the on-site, operational scale
- GPS coordinates (Decimal-Degree format) of the scale house
- Google Earth image of the source location
- Contact info for personnel at the source:
 - Names and Titles
 - Email
 - Direct and cell phone numbers

COARSE AGGREGATE MATERIAL TESTING BY THE SOURCE

The source will submit their coarse aggregate material to an ODOT qualified and AASHTO accredited private testing laboratory, for the required tests that are bulleted below.

For a list of ODOT qualified laboratories, you may visit the <https://oklahoma.gov/odot/business-center/materials/materials.html> website.

For a list of AASHTO accredited laboratories, you may visit the <http://aashtoresource.org/> website.

AASHTO (T, R), ASTM (D), and OHD (L) Tests:

- T-11
- T-27
- T-85
- T-96
- T-112
- T-176
- T-210 (Coarse)
- T-255
- T-327
- R-76
- R-90
- D4791
- D5821
- L-25

In addition to the testing, a visual description of the coarse aggregate material addressing any deleterious substances or unusual test results shall also be included in the final report. Any additional test results not listed herein such as magnesium/sodium sulfate soundness loss, that the source would like to include with the report, will also be considered.

SUBMITTAL OF FINAL REPORT

A final report, containing all the information described in the aggregate source and coarse aggregate material testing by the source sections, shall be submitted in hard copy format, mailed, to the address listed at the top of this letter, attention Materials Division Engineer.

MATERIALS DIVISION SAMPLING, TESTING, AND EVALUATION OF AGGREGATE

Once the required documentation has been received, the Materials Division will review the submittal. A determination will be made whether to sample the aggregate materials, or not. If the submittal is deemed acceptable, the Materials Division will contact the producer or their representative to schedule a time and date to sample the material for testing and evaluation. It should be noted that prior to any sampling trip made by the Materials Division the producer must have a substantial amount (no less than 2,000 tons) of stockpiled coarse aggregate material. The stockpile shall be representative of the coarse aggregate material which will be produced for ODOT use. If the quantity of the stockpiled coarse aggregate is deemed to not be of a substantial

amount upon arrival at the source, the material will not be sampled. The aggregate source will not be sampled until such time that there is sufficient material stockpiled and it is the producer's responsibility to adhere to these guidelines.

MATERIALS DIVISION ACCEPTANCE OR DENIAL OF AGGREGATE

If the coarse aggregate material is of sufficient quality to meet the requirements of ODOT Standard Specification 708.02, as evidenced by Materials Division test results, the source may be approved to provide coarse aggregate material to ODOT Highway Construction Projects for a specific length of time. The source will be listed on the Approved Rock, Stone, and Sand Sources list. The source will be subject to future testing at the discretion of the ODOT Materials Division. Any private lab test results submitted to the Materials Division with the final report are solely for information in determining whether ODOT Materials Division will sample aggregate material for testing and does not afford the source any kind or type of aggregate approval. Any aggregate material approvals will be based on Materials Division test results only.

If the material is not of sufficient quality to meet the requirements of ODOT Standard Specification 708.02, as evidenced by Materials Division test results, the source will not be approved to provide coarse aggregate material to ODOT Highway Construction Projects. Re-sampling of the source may only be approved by the Materials Engineer based on the outcome of the failing test results.