

Guidance for approval of:

## **AGGREGATE FOR USE AS A BASE OR MISCELLANEOUS USE**

*Effective Date: March 2024*

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### **SCOPE**

Aggregate sources producing aggregate base material 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, aggregate base material testing by the source, and submittal of final report sections.

Prior to any aggregate approval, the aggregate base 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 703.01, will be listed on the Approved Rock, Stone and Sand sources list to provide aggregate base 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

## AGGREGATE BASE MATERIAL TESTING BY THE SOURCE

The source will submit their aggregate base 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) and OHD (L) Tests:

- T-11
- T-27
- T-85
- T-89
- T-90
- T-96
- T-180, Method D
- T-210 (Coarse and Fine)
- R-76
- R-90
- L-18
- L-38

In addition to the testing, a visual description of the aggregate base material addressing any deleterious substances or unusual test results shall also be included in the final test reports.

## SUBMITTAL OF FINAL REPORT

A final report, containing all the information described in the aggregate source and aggregate base materials 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 aggregate base material. The stockpile shall be representative of the aggregate base material which will be produced for ODOT use. If the quantity of the stockpiled aggregate base 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.

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## **MATERIALS DIVISION ACCEPTANCE OR DENIAL OF AGGREGATE**

If the aggregate base material is of sufficient quality to meet the requirements of ODOT Standard Specification 703.01, as evidenced by Materials Division test results, the source may be approved to provide aggregate base 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 703.01, as evidenced by Materials Division test results, the source will not be approved to provide aggregate base 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.

However, the source may request that the aggregate of lesser quality be given a limited use approval if some of the requirements have been met for such a use. For example, the aggregate material may not meet aggregate base requirements but still meet traffic-bound surface course requirements.