Bituminous Rated Source Quality Catalog

Material Producer List
Materials & Tests Division – Soils and Aggregates Section (MTD/SA)

January 11, 2022
Bituminous Rated Source Quality Catalog

Overview

The Materials and Tests Division oversees TxDOT’s Aggregate Quality Monitoring Program (AQMP) in accordance with Tex-499-A. The AQMP was created by TxDOT to improve efficiency of TxDOT operations. The program provides rated values for aggregate products from sources demonstrating continued quality and uniformity. Districts are allowed to use aggregates from rated sources qualified through the AQMP without project specific testing.

Sources are subject to sampling and testing at least twice a year to publish the Bituminous Rated Source Quality Catalog (BRSQC) bi-annually. Aggregate sources are added to the catalog based on their testing history of material only supplied to TxDOT projects. Participation is at TxDOT’s discretion and not at the option of the aggregate supplier.

This catalog produces rated values for the following aggregate tests:

- Tex-410-A, Abrasion of Coarse Aggregate Using the Los Angeles Abrasion Machine
- Tex-411-A, Soundness of Aggregate by Use of Magnesium Sulfate
- Tex-461-A, Degradation of Coarse Aggregate by Micro-Deval Abrasion
- Tex-612-J, Acid Insoluble Residue for Fine Aggregate

The AQMP does not exempt sources from project level quality assurance testing. Districts are required to perform project testing in accordance with TxDOT’s Guide Schedule to determine specification compliance for those aggregate requirements not rated by this catalog.

TxDOT reserves the right to conduct random sampling & testing of these materials to ensure quality. TxDOT representatives may sample material stockpiled at any location.

Contact the Soils and Aggregates Section at (512) 506-5857 for more information or if you have any questions.
Effective Date: January 11, 2022

Legend

- SAC = Surface Aggregate Classification for Wet Surface Crash Reduction Program
- RSLA = Rated Source Los Angeles Abrasion
- RSSM = Rated Source Soundness Magnesium
- RSMD = Rated Source Micro-Deval
- HMAC = Hot Mix Asphaltic Concrete
- ST = Surface Treatment
- MS = Microsurfacing
- RSAI = Rated Source Acid Insoluble
- CA = Coarse Aggregate
- Dry Unit Weight is measured as lb./ft.³
- * = Requires project testing for HMAC and/or surface treatment aggregates.

Producer Code Number
The producer code number for each aggregate source provides information to the quarry or pit location.

- The first two digits identify the district in which the source is located. Sources located outside Texas have ‘00’ as the first two digits of the code.
- The middle three digits identify the county in which the source is located. The counties are numbered beginning with Anderson County as ‘001’ and ending with Zavala County as ‘254.’ A list of counties, in alphabetical order, can be found on the official Texas Travel Map.
- Out of state sources are denoted with the following middle three digits:
  - 401 – Mexico
  - 402 – Canada
  - 501 – Arkansas
  - 502 – Louisiana
  - 503 – New Mexico
  - 504 – Oklahoma
- The last two digits represent the sequential order the sources have been assigned within the corresponding county.

**Product Codes**

- 082 - Microsurfacing
- 093 - HMAC
- 094 - Surface Treatment
- 095/096 - Lightweight
### Material Code

The following material codes indicate the material type of the source:

**Coarse Aggregate**

- 011 - Crushed Siliceous Gravel
- 014 - Crushed Siliceous and Limestone Gravel
- 018 - Crushed Limestone
- 019 - Crushed Dolomite
- 021 - Crushed Limestone Gravel
- 024 - Crushed Limestone and Siliceous Gravel
- 025 - Partly Crushed Limestone and Siliceous Gravel
- 029 - Crushed Sandstone
- 032 - Crushed Rhyolite
- 035 - Crushed Phyllite/Schist
- 033 - Crushed Rhyolite Gravel
- 040 - Quartzite
- 041 - Tuff
- 048 - Lightweight Aggregate
- 050 - Crushed Trap Rock
- 051 - Crushed Granite

### Materials

- **Sandstone**

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<th>Ratings</th>
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