

Bituminous Rated Source Quality Catalog

Material Producer List

Construction Division – Materials & Pavements (CST-M&P)

January 15, 2016



Bituminous Rated Source Quality Catalog

Overview

The Construction 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 BRSQC 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.

The BRSQC 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 the BRSQC.

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 Geotechnical, Soils, and Aggregates Branch at (512) 506-5907 for more information or if you have any questions.

Effective Date: **January 15, 2016**

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 in lb./ft.³
- * = Requires project testing for 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
 - 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 - HMA
- 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

033 - Crushed Rhyolite Gravel

040 - Quartzite

041 - Tuff

048 - Lightweight Aggregate

050 - Crushed Trap Rock

051 - Crushed Granite

Materials

- Sandstone

SANDSTONE											
Producer Information					Ratings						
Producer	Quarry	Producer Code	Product Code	Material Code	SAC	RSLA	RSSM			RSMD	CA-RSAI
							HMAC	ST	MS		
Capitol Aggregates	Delta Materials	1402704	082, 093, 094	029	A	26	20	16	20	15	65
Martin Marietta	Apple (Sawyer, OK)	0050437	082, 093, 094	029	A	34	23	21	17	12	97
Smith Buster Crushed Stone , LLC	Byrd Pit	0050447	093, 094	029	A	35	25	23		12	99

- Limestones-Dolomites

LIMESTONES-DOLOMITES											
Producer Information					Ratings						
Producer	Quarry	Producer Code	Product Code	Material Code	SAC	RSLA	RSSM			RSMD	CA-RSAI
							HMAC	ST	MS		
Border Pacific	Matrimar	0040103	093, 094	019	B	26	4	3		12	5
Cedar Creek Stone	Pate	0914710	093, 094	018	B	39*	29	24		27	19
Cemex	Balcones Quarry	1504602	093,094	018	B	30	24	17		23	3
Cemex	McKelligon-Dolomite	2407101	093, 094	019	B	22	8	6		9	0
Centex Materials	Ruby	1410507	093, 094	018	B	28	17	13		22	0
Colorado Materials	Hunter	1504605	093, 094	018	B	30	24	20		24	2
CSA Materials	Turner	0722611	093, 094	018	B	32	23	18		23	2
Dean Word Co.	Lone Star	1504607	093, 094	018	B	29	16	13		22	2
Dolese Brothers	Ardmore, OK	0050412	093, 094	018	B	28	11	9		14	8
Dolese Brothers	Coleman, OK	0050414	093, 094	019	B	26	6	5		10	9
Dolese Brothers	Cooperton, OK	0050415	093, 094	019	B	27	4	4		11	3
Dolese Borthers	Richards Spur	0050405	093, 094	018	B	27	10	9		15	10
Hanson Aggregates	Perch-Hill	0224901	093, 094	018	B	26	10	9		15	2
Hanson Aggregates	Burnet	1402701	093, 094	019	B	27	4	3		8	6
Hanson Aggregates	Servtex	1504603	093, 094	018	B	29	17	15		19	2
Industrial Asphalt & Aggregate	Florence Quarry	1424608	093, 094	018	B	31	22	19		29	0
Industrial Asphalt & Aggregate	Hays Quarry	1410508	093, 094	018	B	32	17	11		20	0
Jobe Materials, L.P.	Ned Finney Quarry	2407120	093, 094	018	B	26	3	3		10	1
Jones Brothers	Rankin	0623102	093, 094	018	B	30	29	24		25	2
Killeen Crushed Stone	Gibbs	0901408	093, 094	018	B	30	15	12		16	3
Lattimore Materials	Stringtown, OK	0050407	093, 094	019	A	22	9	10		10	66
Martin Marietta	Beckmann	1501503	093, 094	018	B	32	26	24		24	2
Martin Marietta	Bridgeport	0224904	093, 094	018	B	28	17	15		20	3
Martin Marietta	Chambers	0224921	093, 094	018	B	32	30	*		24	4
Martin Marietta	I-35 @ Solms Rd	1504606	093, 094	018	B	28	23	20		20	2
Martin Marietta	Mill Creek, OK	0050445	093, 094	019	B	30	7	5		11	3

LIMESTONES-DOLOMITES

Producer Information					Ratings						
Producer	Quarry	Producer Code	Product Code	Material Code	SAC	RSLA	RSSM			RSMD	CA-RSAI
							HMAC	ST	MS		
Martin Marietta	Rio Medina Quarry	1516312	093, 094	018	B	30	13	11		18	1
Oldcastle Materials Texas	Marble Falls Quarry	1402702	093,094	019	B	29	11	9		10	0
South Texas Aggregates	Chapman	1523211	093, 094	018	B	37*	23	21		27	0
Texas Crushed Stone	Feld	1424602	093, 094	018	B	31	18	15		23	3
Vulcan Materials	1604	1501506	093, 094	018	B	33	17	14		26	3
Vulcan Materials	Brownwood	2302501	093, 094	018	B	26	10	9		15	2
Vulcan Materials	Eastland	2306705	093, 094	018	B	25	10	7		16	1
Vulcan Materials	Helotes	1501514	093, 094	018	B	26	13	12		19	2
Vulcan Materials	Huebner Road	1501507	093, 094	018	B	34	30	*		29	2
Vulcan Materials	Mico	1516315	093, 094	018	B	36*	19	18		30	1
Vulcan Materials	North Troy	0050448	093, 094	019	B	23	11	10		9	7
Vulcan Materials	Spicewood	1402710	093, 094	019	B	21	7	6		7	0
Vulcan Materials	Tehuacana	0914708	093, 094	018	B	34	12	12		20	4
Vulcan Materials	Weatherford	0218409	093, 094	018	B	26	15	11		16	3
Zack Burkett Co	Leach	0211901	093, 094	018	B	27	16	15		19	7
Zack Burkett Co	Springfield Quarry	0211902	093, 094	018	B	25	12	12		14	1

• Gravels

GRAVELS

Producer Information					Ratings						
Producer	Quarry	Producer Code	Product Code	Material Code	SAC	RSLA	RSSM			RSMD	CA-RSAI
							HMAC	ST	MS		
Anderson Columbia Co, Inc.	AC Rio Grande Pit	2225301	093, 094	011	A	19	4	1		4	94
Bay, Inc.	Sweet 16	2206606	093, 094	011	A	19	2	2		4	92
Big Creek Construction	Mitchell Pit	0907301	093, 094	024	B	23	7	5		9	37
Big Creek Construction	Young	0907302	093, 094	024	B	23	6	5		9	32

GRAVELS

Producer Information					Ratings						
Producer	Quarry	Producer Code	Product Code	Material Code	SAC	RSLA	RSSM			RSMD	CA-RSAI
							HMAC	ST	MS		
Big Creek Sand & Gravel, Inc.	Bear Creek Pit	0411712	093, 094	014	A	36*	16	11		13	90
Big Creek Sand & Gravel, Inc.	Big Creek	0411707	093, 094	011	A	35	11	9		14	94
Capitol Aggregates	Hoban	0619502	082, 093, 094	033	A	22	13	11	9	8	97
Colorado Materials	Jaehne Pit	1523216	093, 094	024	B	23	4	3		8	24
Duininck Brothers	Matador	2517309	083, 094	014	A	25	9	5		7	73
Fordyce Co.	Murphy	1323505	093, 094	014	A	18	3	1		2	92
Fordyce Co.	Showers	2110804	093, 094	014	A	20	10	8		6	84
Frontera Materials	Reavis	2110806	093, 094	014	A	20	5	5		5	88
Hanson Aggregates	Little River	0050114	093, 094	011	A	21	4	4		4	99
J. Lee Milligan, Inc.	Archer Pit	2517311	093, 094	014	A	33	12	10		12	82
J. Lee Milligan, Inc.	Aztec Canyon	0418814	093, 094	024	B	28	15	11		15	14
J. Lee Milligan, Inc.	Boys Ranch	0418008	093, 094	011	A	31	7	5		8	93
J. Lee Milligan, Inc.	Frasier Pit	2506509	093, 094	014	A	31	8	7		10	92
J. Lee Milligan, Inc.	Sawyer	0406510	093, 094	014	A	32	19	18		13	68
Jobe Materials, L.P.	Avispa Canyon	2407129	093, 094	021	B	26	13	11		15	3
LS Sand & Gravel	LS Pit	0418002	093, 094	014	A	28	14	8		11	81
Martin Marietta	Broken Bow S & G	0050451	093, 094	011	A	24	11	10		11	98
R.E. Janes Gravel Co.	South Noodle	0812703	Partly Crushed	025	B	26	18	15		17	36
South Texas Aggregates	D and D	2215905	093, 094	024	B	19	7	5		6	49
Terra Firma Materials, LLC	La Havana Pit	2110807	093, 094	014	A	21	13	8		8	74
Texas Sand & Gravel	Krister-Fain	0418812	093, 094	014	A	30	12	11		10	80
Upper Valley Materials	Las Viboras	2110805	093, 094	014	A	21	12	10		6	79
Valley Caliche	Beck	2110801	093, 094	014	A	24	17	12		8	82
Wright Materials	Realitos	2206601	093, 094	011	A	19	3	1		3	95
XIT Sand & Gravel, LLC	XIT S & G Pit	0418010	093, 094	014	A	28	6	6		8	91
Zack Burkett	Smith	0325205	093, 094	014	A	21	5	4		6	70

- Igneous Rocks

IGNEOUS											
Producer Information					Ratings						
Producer	Quarry	Producer Code	Product Code	Material Code	SAC	RSLA	RSSM			RSMD	CA-RSAI
							HMAC	ST	MS		
Cemex	McKelligon-Granite	2407106	093, 094	051	A	40*	22	19		13	94
Cemex	Vado	0050310	093, 094	032	A	29	15	12		13	96
Colorado Materials	Davenport-Cline Basalt Quarry	1523215	093, 094	050	A	13	3	2		9	93
Granite Mountain Quarries	Plant 1	0050106	093, 094	051	A	30	3	2		5	94
Hanson Aggregates	Davis, OK	0050439	093, 094	032	A	19	17	12		11	97
Jobe Materials, L.P.	Padre Canyon	2411513	093, 094	051	A	30	12	9		11	94
Jobe Materials, L.P.	Vado Quarry	0050314	093, 094	032	A	24	14	10		12	96
Martin Marietta	Bird Hill	1523213	093, 094	050	A	15	17	9		13	92
Martin Marietta	Jones Mill	0050122	093, 094	040	A	17	2	3		7	96
Martin Marietta	Mill Creek (Grnt), OK	0050433	093, 094	051	A	33	3	3		8	98
Martin Marietta	Snyder, OK	0050435	093, 094	051	A	26	3	2		5	99
Volcanic Stone	Cinder Mountain	0050313	093, 094	041	A	35	18	17		22	99
Vulcan Materials	Knippa	1523206	093, 094	050	A	14	5	5		11	92

- Lightweight

LIGHTWEIGHT													
Producer Information				Ratings									
Producer	Quarry	Producer Code	Material Code	SAC	RSLA	RSSM		RSMD	CA RSAI	Pressure Slake	FreezeThaw	Absorption	Dry Unit Weight (lb./ft. ³)
						HMAC	ST						
Trinity Expanded Shale and Clay	Streetman	1817502	048	A	29	7	8	29	99	HMAC: 2.0 ST Gr 4: 3.5 ST Gr 3: 3.9	HMAC: 7.0 ST Gr 4: 7.4 ST Gr 3: 9.6	11.1	52.9