

Concrete Rated Source Quality Catalog

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Overview

The Concrete Rated Source Quality Catalog (CRSQC) lists the Aggregate Quality Monitoring Program (AQMP) rated values for concrete aggregates for Tex-410-A, “Abrasion of Coarse Aggregate Using the Los Angeles Abrasion Machine,” Tex-411-A, “Soundness of Aggregate by Use of Sodium or Magnesium Sulfate”, Tex-461-A, “Degradation of Coarse Aggregate by Micro-Deval Abrasion,” and Tex-612-J, “Acid Insoluble Residue for and Fine Aggregate.”

Tex-499-A, “Aggregate Quality Monitoring Program (AQMP),” provides the requirements and procedures for monitoring aggregate products that have demonstrated continuing quality and uniformity. The AQMP allows the districts to use aggregates from rated sources qualified through AQMP without project specific testing by the Construction Division, Materials and Pavements Section (CST/M&P).

The districts must perform job control tests to determine specification compliance for those aggregate requirements not covered by the AQMP.

Aggregate suppliers are added to AQMP based on test history of aggregate products used on TxDOT projects. The AQMP was created by TxDOT to improve efficiency of TxDOT operations. Participation is not at the option of the aggregate supplier.

The Department reserves the right to conduct random sampling of these materials for testing and to perform random audits of test reports. Department representatives may sample material from the manufacturing plant, project site, and quarry. CST/M&P reserves the right to test samples to verify compliance with test method Tex-499-A, “Aggregate Quality Monitoring Program (AQMP).”

Contact the Geotechnical, Soils, and Aggregates Branch at (512) 506-5907 for more information.

Effective Dates

Effective: 07/24/2015–01/14/2016.

Legend*Coarse Aggregate (CA)*

- RSLA = Rated Source Los Angeles Abrasion for specification compliance.
- RSSM = Rated Source Soundness Magnesium for specification compliance.
- RSMD = Rated Source Micro-Deval. Micro-Deval performed on aggregates delivered to a project can be compared to the listed rated value to indicate the need to sample project stockpiles for additional soundness and Los Angeles Abrasion testing.
- RSAI = Rated Source Acid Insoluble
- *CoTE = Coefficient of Thermal Expansion (μ -strain/ $^{\circ}$ F). Only applicable for CRC Pavement. Final approval of the CTE mix design will be done by the CST/M&P, Rigid Pavement and Concrete Materials Branch.
- * = Rated Source Value Does Not Meet Standard Specification

Fine Aggregate (FA)

- RSAI = Rated Source Acid Insoluble
- * = Rated Source Value Does Not Meet Standard Specification

Producer Code Number

The producer code number for each aggregate source provides information as to the location.

- The first two digits of the producer code number identify the district in which the pit 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. A list of counties, in alphabetical order, can be found on the official Texas Travel Map. The counties are numbered beginning with Anderson County as '1' and ending with Zavala County as '254.'
- Out of state sources are denoted with the following middle three digits:
 - 401 – Mexico
 - 501 – Arkansas
 - 502 – Louisiana
 - 504 – Oklahoma
- The last two digits of the producer code is assigned sequentially and indicates the number of pits in that county that have been assigned a producer code number.

Product Code

- The following concrete aggregate code numbers indicate material usage:

084 - Concrete Fine Aggregate subject to direct traffic

085 - Concrete Fine Aggregate for structures (cannot be used as 084)

086 - Concrete Coarse Aggregate

Material Code

The following material codes indicate the material type of the source (quarry):

Coarse Aggregate

010 - Siliceous Gravel

012 - Partly Crushed Siliceous Gravel

013 - Siliceous & Limestone Gravel

015 - Partly Crushed Siliceous and Limestone Gravel

018 - Crushed Limestone

019 - Crushed Dolomite

022 - Partly Crushed Limestone Gravel

023 - Limestone and Siliceous Gravel

024 - Crushed Limestone and Siliceous Gravel

025 - Partly Crushed Limestone and Siliceous Gravel

029 - Crushed Sandstone

033 - Crushed Rhyolite Gravel

051 - Crushed Granite

Fine Aggregate

059 - Limestone Sand

060 - Limestone and Siliceous Sand

061 - Manufactured Sand

062 - Siliceous Sand

063 - Siliceous and Limestone Sand

064 - Rhyolite Sand

065 - Manufactured Limestone and Siliceous Sand Blend

066 - Siliceous and Calcareous Sand

068 - Siliceous and Manufactured Limestone Sand Blend

Materials

- Sandstone

SANDSTONE										
Producer Information					Ratings					Fine Aggregate
					Coarse Aggregate					
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	*CoTE	
Martin Marietta	Apple (Sawyer, OK)	0050437	086	029	26	5	8	98	5.8	
Smith Buster Crushed Stone, LLC.	Byrd Pit	0050447	086	029	28	11	11	98		

- Limestone-Dolomites

LIMESTONE-DOLOMITES										
Producer Information					Ratings					Fine Aggregate
					Coarse Aggregate					
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	*CoTE	
Alamo Concrete	Evans Rd	1501516	085	061						1*
Alamo Concrete	Weir	1424603	086	018	35	18	23	3	4.6	
Austin Aggregates	Lampasas Quarry	1402706	086	018	31	5	13	2		
Austin Aggregates	Naruna	1402711	086	018	32	6	12	6		
Cedar Creek Stone	Pate	0914710	086	018	39	24*	32	24		
Cemex	Balcones Quarry	1504602	086, 085	018, 061	35	17	25	3	3.9	2*
Cemex	McKelligon-Dolomite	2407201	086	019	26	8	10	13	5.1	
Centex Materials	Ruby	1410607	086	018	32	12	26	3	4.0	
Colorado Materials	Hunter	1504605	086, 085	018, 061	33	17	25	0		3*
Dolese Brothers Co.	Ardmore, OK	0050412	086	018	27	14	13	7	4.0	
Dolese Brothers Co.	Coleman, OK	0050414	086	019	21	2	10	1	5.0	
Dolese Brothers Co.	Cooperton, OK	0050415	086	018	27	3	10	4	4.7	
Dolese Brothers Co.	Richards Spur	0050405	086	019	29	11	18	12	4.2	
Hanson Aggregates	Perch-Hill	0224901	086, 085	018, 061	25	6	15	1	3.6	1*
Hanson Aggregates	Burnet	1402701	086	019	26	2	10	5	5.1	

LIMESTONE-DOLOMITES										
Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	*CoTE	FA RSAI
Hanson Aggregates	Servtex	1504603	086, 085	018, 061	31	11	20	1	3.9	3*
Jobe Materials, L.P.	Ned Finney Quarry	2407220	086	018	30	4	12	0	4.0	
Lattimore Materials	Stringtown, OK	0050407	086, 084	019, 061	21	10	9	72	5.8	73
M.T.I.	Hueco Quarry	2407225	086	018	28	3	12	2	4.3	
Martin Marietta	Beckmann	1501503	086, 085	018, 061	37	21*	30	2		3*
Martin Marietta	Bridgeport	0224904	086, 085	018, 061	28	11	19	2	3.8	1*
Martin Marietta	Chambers	0224921	086	018	34	19*	25	1	4.0	
Martin Marietta	I-35 @ Solms Rd	1504606	086, 085	018, 061	31	13	24	0		1*
Martin Marietta	Mill Creek, OK	0050445	086, 085	018, 061	28	6	12	0	5.2	3*
Martin Marietta	S.H. 211	1516310	086	018	33	11	26	0	4.1	
Oldcastle Materials Texas	Marble Falls Quarry	1402702	086, 085	019, 061	27	6	13	1	5.2	1*
Paso Del Norte Materials, LLC	Hueco Rock Quarry	2407230	086	019	25	15	14	33	4.6	
Superior Crushed Stone	Pit No. 1	1424609	086	018	34	16	27	3		
Vulcan Materials	1604	1501506	086, 085	018, 061	36	17	29	2	4.0	3*
Vulcan Materials	Brownwood	2302501	086, 085	018, 061	26	7	16	4	3.9	1*
Vulcan Materials	Calica	0040102	086	018	29	5	20	1	3.8	
Vulcan Materials	Eastland	2306805	086	018	26	7	16	1	3.9	
Vulcan Materials	Geronimo Creek	1516311	086	018	35	13	25	5	4.1	
Vulcan Materials	Helotes	1501514	086, 085	018, 061	28	7	20	0	3.9	1*
Vulcan Materials	Huebner Rd	1501507	086, 085	018, 061	38	23*	30	4	3.9	2*
Vulcan Materials	Mico	1516315	086	018	38	15	29	1	3.9	
Vulcan Marietta	North Troy	0050448	086	019	20	8	11	5	5.5	
Vulcan Materials	Spicewood	1402710	086	019	23	5	8	9	4.9	
Vulcan Materials	Tehuacana	0914708	086	018	33	6	23	9	4.4	
Vulcan Materials	Weatherford	0218409	086	018	27	8	15	2	3.8	
Zack Burkett Co	Leach	0212001	086	018	29	13	19	1	3.9	
Zack Burkett Co	Springfield Quarry	0212002	086	018	25	8	18	5		

- Gravels

GRAVELS										
Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	*CoTE	FA RSAI
Alamo Concrete	El Indio Rd	2215903	086, 084	015, 063	21	3	5	55	4.9	73
Alan Ritchey Materials	Popes Point	0050449	084	063						91
Alleyton Resource Corp.	4L Ranch	1304536	086, 084	012, 062	27	3	4	95		95
Alleyton Resource Corp.	Monahan	1304539	086, 084	010, 062	26	3	3	98	6.0	98
Alleyton Resource Corp.	Potter Plant	1304541	086, 084	010, 062	30	3	3	97		98
Anderson Columbia Co., Inc.	AC Rio Grande Pit	2225301	086, 084	012, 062	20	2	3	96		96
Austin Aggregates	Garfield Plant	1422716	084	063						90
Austin Aggregates	Hergotz Plant	1422714	086, 084	025, 063	28	8	13	44	4.8	82
Big Creek Construction	Mitchell Pit	0907401	086, 084	025, 063	27	3	11	7		81
Big Creek Construction	Young	0907402	086, 084	023, 063	26	4	10	23		86
Big Creek Sand & Gravel, Inc.	Big Creek	0411807	086	012	32	7	9	94	5.8	
Capitol Aggregates, Ltd.	15545 S.H. 16	1500706	084	062						98
Capitol Aggregates, Ltd.	Austin River Plant	1422715	086, 084	015, 063	27	7	12	53	4.9	85
Capitol Aggregates, Ltd.	Hoban	0619502	086, 084	033, 064	18	7	8	100	4.6	96
Capitol Aggregates, Ltd.	Medina River S&G	1516318	086, 085	023, 060	24	5	11	1		12*
Cemex	Section 10	2407216	084	063						82
Cemex	West Quarry	2407228	086	024	22	3	11	14		
Chanas Aggregates, LLC	Eagle's Nest Mine	1415001	084	062						95
Colorado County Sand & Gravel	Altair	1304534	086, 084	012, 062	24	3	5	97	6.3	100
Cossatot Rock, LLC	Cossatot Rock	0050125	086	012	22	8	9	97	5.9	
Crockett County Mining	Plant # 1	0618607	086, 084	013, 063	21	6	10	55	5.1	74
Crockett County Mining	Plant # 2	0623802	084, 086	023, 063	20	4	7	46	4.8	73
Crockett S & G	Crockett	1111404	084	062						95
Curry S & G	Eastland	2306804	084	063						86
Damron Sand & Gravel	Long Pit	0515201	084	063						75
Dead River Ranch Materials, LLC.	Riesel S&G Plant #1	0916122	086, 084	023, 063	29	11	13	4	4.1	76
Drymala Sand & Gravel	Drymala Pit	1513305	086, 085	025, 059	29	8	16	7		8*

GRAVELS										
Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	*CoTE	FA RSAI
E & A Materials, Inc.	Vernon Plant	0324403	084	063						86
E & A Materials, Inc.	Waurika/Temple	0050406	084	063						93
Fordyce Co.	Briggs	1323501	086, 084	012, 062	19	3	2	95	6.3	93
Fordyce Co.	Murphy	1323505	086, 084	015, 063	22	2	3	96	6.3	94
Fordyce Co.	Showers	2110904	086, 084	015, 066	20	7	6	90	6.1	79
Freddie Harris, Inc.	Star	1501517	084	062						96
Frontier Mining & Materials	Plant # 3	1817511	084	063						68
Granbury Materials, LLC.	Pit # 1	0211204	084	062						98
H & B Materials, LLC.	Horseshoe Bend Pit	0916120	086, 084	023, 063	30	23*	18	32	4.0	82
Hallett Materials	Porter	1217007	084	062						98
Hanna's Bend Aggregate	Rye, TX	2014614	084	062						98
Hanson Aggregates	Arena	1304509	086, 084	012, 062	25	2	4	95		99
Hanson Aggregates	Bristol Plant	1807104	086, 084	023, 063	30	7	14	18	4.2	60
Hanson Aggregates	Brookshire	1208003	086, 084	013, 063	22	4	6	84	6.1	93
Hanson Aggregates	Eagle Lake	1304505	086, 084	012, 062	27	3	4	97		97
Hanson Aggregates	Little River	0050114	086, 084	012, 062	27	6	4	97	6.1	98
Hanson Aggregates	Whitney	0911001	086, 084	023, 063	31	24*	18	50	4.5	80
Hanson Aggregates	Woodlands	1217006	086, 084	012, 062	21	1	3	98	6.1	98
Ingram Enterprises	Rainbow	0221305	086, 084	023, 063	30	20*	19	29	4.5	77
Ingram Enterprises	Sanco-Bronte	0704111	086, 084	023, 063	24	1	8	47	4.3	86
Ingram Ready Mix	Del Rio	2223301	086, 085	025, 068	24	5	11	9	4.4	52*
Ingram Ready Mix	Hondo	1516308	086, 085	025, 065	28	4	12	6	3.9	5*
J.A. Mumme S&G	Mumme	1516302	086, 085	022, 061	28	4	12	4	4.2	5*
J. Lee Milligan	Sawyer	0406510	086, 084	013, 062	35	17	19	64	5.4	84
Jobe Materials, L.P.	Avispa Canyon	2407229	086	022	27	2	11	4	4.0	
Jobe Materials, L.P.	Dyer	2407227	084	062						96
Jobe Materials, L.P.	Hitt Canyon	2407224	086	025	22	4	12	20	4.8	
Jobe Materials, L.P.	Section 14	2407223	084	068						96
King Ready Mix Concrete, Inc.	Kerens Pit	1817510	086, 084	023, 066	29	7	11	40		79

GRAVELS										
Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	*CoTE	FA RSAI
Kline Materials	Harrel Plant	0050450	084	063						95
Knife River, Corp	River Bend Pit	1702105	084	063						84
La Grange Conc. & Aggr.	Mullins Prairie	1307608	086, 084	012, 062	28	3	5	90		96
Lattimore Materials	Ambrose	0109201	084	062						88
Lattimore Materials	Cleburne	0211202	086, 084	023, 063	28	19*	17	22	4.6	77
Lattimore Materials	Rosser	1813003	084	066						70
Leward Anders & Sons, Inc.	Blankenburg	1307613	084	062						98
Liberty Materials	Conroe Plant	1217013	084	062						100
Liberty Materials	Moss Hill Plant	1214618	084	062						99
LS Sand & Gravel	LS Pit	0418002	086, 084	015, 063	31	17	20	68	5.4	83
M.T.I.	Clint Sand Plant	2407226	084	062						92
Martin Marietta	Bells/Savoy	0050442	084	063						60
Martin Marietta	Broken Bow S&G	0050451	086, 084	012	23	7	9	98	5.8	97
Martin Marietta	Center Point	1513306	086, 085	025, 060	30	12	20	0	4.2	9*
Martin Marietta	Garfield Plant	1422709	086, 084	023, 063	28	4	11	47	4.8	84
Martin Marietta	Garwood	1304532	086, 084	012, 062	28	6	6	97	6.2	98
Martin Marietta	Poteet	1500703	084	062						97
Martin Marietta	Tin Top	0218407	086, 084	025, 063	26	4	10	53	4.7	89
Martin Marietta	Webberville	1422712	086, 084	025, 063	27	4	10	72	5.0	89
McGraw Materials	Telephone	0107501	084	062						98
Mine Services, Ltd.	Pit 424	1716611	086, 084	023, 063	30	5	11	20		71
Multisources, Ltd.	Adamcek (Plant #1)	1307603	086, 084	010, 062	28	3	4	96		97
Multisources, Ltd.	Ellinger (Plant #3)	1307609	086, 084	012, 062	29	7	7	92		98
Multisources, Ltd.	Plant #6, Beane	1304538	086, 084	012, 062	26	2	4	100	6.1	98
Multisources, Ltd.	Plant #8, Eagle Lake	1304540	084	062						99
Multisources, Ltd.	Plant #9, Cleveland	2014615	084	062						98
Multisources, Ltd.	Wegenhoft (Plant #7)	1307612	086, 084	012, 062	28	2	4	95	6.1	95
N-Tex Sand & Gravel, LLC	Savoy	0107502	084	062						97
Palo Alto Sand, Inc.	Plant #2	1500702	084	062						99

GRAVELS										
Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	*CoTE	FA RSAI
R.E. Janes Gravel Co.	South Noodle	0812803	086, 084	025, 063	28	12	17	23	4.2	63
R.E. Janes Gravel Co.	Woods	0505402	086, 084	063						68
Redi-Mix Concrete	Redi-Mix Sand & Gravel	1817507	086, 084	023, 063	29	5	11	29	4.4	75
River Aggregates	Romayor Plant	2014617	084	062						98
River Valley S&G	Holman	1307611	086, 084	012, 062	28	4	5	89	5.9	95
Southern Crushed Concrete	Quality Mtrls 1488 Plant	1217015	084	062						100
Southwest Aggregates	Knippa	1523209	086, 085	025, 065	24	6	11	16	4.4	21*
Starr Aggregates, LLC	Alto Bonito	2121401	086, 084	015, 063	20	11	8	89	5.5	77
Texas Aggregates, LLC	Bastrop	1401103	086, 084	013, 062	29	11	14	78	5.6	90
Texas Concrete Sand & Gravel	FM 1010 Pit	2014619	084	063						85
Texas Sand & Gravel	Krister-Fain	0418812	086, 084	015, 063	29	8	11	67	5.5	76
Thrasher S&G	Thrasher	2517302	086	015	23	8	12	83	5.8	
Tri County Mtrls & Services	Sanger	1806106	085	060						52*
Trinity Materials	Anacoco Pit # 1391	0050201	086, 084	012, 062	18	2	2	98	6.3	97
Trinity Materials	Asa Pit # 1588	0916118	086, 084	023, 063	28	7	13	18	4.3	80
Trinity Materials	Cottonwood Pit # 1204	1813004	086, 084	023, 063	30	5	13	14	4.4	78
Trinity Materials	Indian Village Plant 284	0050217	084	062						98
Trinity Materials	Kopperl Pit # 2034	0901803	086, 084	025, 066	32	23*	27	16	4.5	84
Trinity Materials	Little River	0901410	086, 084	023, 063	31	13	16	11	4.2	63
Trinity Materials	Lockesburg Plant 1544	0050120	086, 084	012, 062	23	8	7	96		98
Trinity Materials	Paradise Pit # 1390	0224919	084	062						80
Trinity Materials	Rye	2014604	084	062						96
Triple PG Sand Development	Triple PG Sand	1210203	084	062						100
Troy Vines	Vines	0623805	086, 084	023, 063	20	4	8	44	4.7	61
Upper Valley Materials	Las Viboras	2110905	086, 084	015, 066	20	8	8	88	5.9	79
Valley Caliche	Beck	2110901	086, 084	015, 066	21	10	9	83	5.8	80
Vulcan Materials	Simonton S&G	1300807	084	062						94
Wright Materials	FM 3088	1617807	086, 084	015, 062	19	10	7	80		93
Wright Materials	Realitos	2106701	086, 084	012, 062	18	2	3	94	6.1	96

GRAVELS										
Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	*CoTE	FA RSAI
XIT Sand & Gravel, LLC	XIT S & G Pit	0418010	086, 084	015, 062	28	6	10	90	5.5	93
Yarrington Road Materials	Yarrington #1	1422711	086, 085	022, 061	28	11	21	1	4.0	2*
Zack Burkett Co.	Smith	0325205	084	063						85

- Igneous Rocks

IGNEOUS										
Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	*CoTE	FA RSAI
Jobe Materials, L.P.	Padre Canyon	2411613	086	051	29	8	11	94		
Martin Marietta	Mill Creek (Grnt), OK	0050433	086, 084	051	29	2	10	98	4.7	99
Martin Marietta	Snyder, OK	0050435	086	051	26	4	5	98	4.6	