

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,” and Tex-612-J, “Acid Insoluble Residue for 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: 8/01/2012–09/27/12.

Legend

Coarse Aggregate (CA)

RSLA = Rated Source Los Angeles Abrasion for specification compliance.

RSSM = Rated Source Soundness Magnesium for specification compliance.

RSMD = Rated Source MicroDeval. MicroDeval 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

*CTE = Coefficient of Thermal Expansion. 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.

ASR = Alkali silica reaction. Product cannot be used with Item 421, Option 8 if indicated by an ‘8’.

Fine Aggregate (FA)

RSAI = Rated Source Acid Insoluble

ASR = Alkali silica reaction. Product cannot be used with Item 421, Option 8 if indicated by an ‘8’.

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
- 402 – Canada
- 501 – Arkansas
- 502 – Louisiana
- 503 – New Mexico
- 504 – Oklahoma
- 505 – Kentucky
- 506 – Missouri
- 507 - Illinois

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
- 011 - Crushed Siliceous Gravel

- 012 - Partly Crushed Siliceous Gravel
- 013 - Siliceous & Limestone Gravel
- 014 - Crushed Siliceous and Limestone Gravel
- 015 - Partly Crushed Siliceous and Limestone Gravel
- 016 - Siliceous and Calcareous Gravel
- 017 - Crushed Siliceous and Calcareous Gravel
- 018 - Crushed Limestone
- 019 - Crushed Dolomite
- 020 - Limestone Gravel
- 021 - Crushed Limestone Gravel
- 022 - Partly Crushed Limestone Gravel
- 023 - Limestone and Siliceous Gravel

Fine Aggregate

- 059 - Limestone Sand
- 060 - Limestone and Siliceous Sand
- 061 - Manufactured Sand
- 062 - Siliceous Sand
- 063 - Siliceous and Limestone Sand

- 024 - Crushed Limestone and Siliceous Gravel
- 025 - Partly Crushed Limestone and Siliceous Gravel
- 029 - Crushed Sandstone
- 032 - Crushed Rhyolite
- 033 - Crushed Rhyolite Gravel
- 034 - Rhyolite Gravel
- 037 - Crushed Shale
- 040 - Quartzite
- 048 - Lightweight Aggregate
- 049 - Crushed Limestone Rock Asphalt
- 050 - Crushed Trap Rock
- 051 - Crushed Granite
- 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	Producer Code	Quarry	Material Code	Coarse Aggregate						Fine Aggregate		Product Code	Comment
				RSL A	RSSM	RSMD	CA RSAI	*CTE	*ASR	FA RSAI	*ASR		
Martin Marietta Materials	0050437	Apple (Sawyer, OK)	029	29	8	10	98					086	
Smith Buster Crushed Stone, LLC.	0050447	Byrd Pit	029	29	13	12	99					086	

◆ Limestone-Dolomites

Limestone - Dolomites														
Producer	Producer Code	Quarry	Material Code	Coarse Aggregate						Fine Aggregate		Product Code	Comment	
				RSLA	RSSM	RSMD	CA RSAI	*CTE	*ASR	FA RSAI	*ASR			
Alamo Concrete	1501516	Evans Rd.	061								1		085	
Alamo Concrete	1424603	Weir	018	31	14	25	1						086	
Austin Aggregates	1402706	Lampasas Quarry	018	25	5	9	5						086	
Austin Aggregates	1402711	Naruna	018	28	7	11	2						086	
Capitol Aggregates, Ltd.	1402702	Marble Falls	019, 061	26	4	11	1				1		086, 085	
Cemex	1504602	Balcones Quarry	018, 061	32	16	25	3				1		086, 085	
Cemex	2407201	McKelligon Dolo	019	24	4	10	15						086	
Cemex	2407213	South Quarry	019	24	9	14	14						086	
Cemex	2407228	West Quarry	018	21	2	9	19						086	
Centex	1410607	Ruby	018	30	12	23	1						086	
Colorado Materials	1504605	Hunter	018, 061	33	21	26	1				2		086, 085	
Dolese Brothers Co.	0050412	Ardmore, OK	018	27	12	12	7						086	
Dolese Brothers Co.	0050414	Coleman, OK	019	23	8	12	8						086	
Dolese Brothers Co.	0050415	Cooperton, OK	018	26	4	11	5						086	
Dolese Brothers Co.	0050405	Richards Spur	019	26	7	15	10						086	
Hanson Aggregates	1402701	Burnet	019	21	3	9	2						086	
Hanson Aggregates	0224901	Perch-Hill	018, 061	25	7	16	1				3		086, 085	
Hanson Aggregates	1504603	Servtex	018, 061	30	9	20	0				2		086, 085	

Limestone - Dolomites													
Producer	Producer Code	Quarry	Material Code	Coarse Aggregate						Fine Aggregate		Product Code	Comment
				RSLA	RSSM	RSMD	CA RSAI	*CTE	*ASR	FA RSAI	*ASR		
Jobe Materials, L.P.	2407220	Butterfield	018	30	15	11	7					086	
Lattimore Materials	1516315	Mico # 68	018	36	18	31	2					086	
Lattimore Materials	0050407	Stringtown, OK	019	19	5	8	72					086	
M.T.I.	2407225	Hueco Quarry	018	28	5	12	0					086	
Martin Marietta Materials	1501503	Beckmann	018, 061	32	25	30	3			2		086, 085	
Martin Marietta Materials	0224921	Chambers	018	32	18	23	1					086	
Martin Marietta Materials	1504606	I-35 @ Solms Rd.	018, 061	32	16	24	1			1		086, 085	
Martin Marietta Materials	0050448	North Troy	019	22	8	9	8					086	
Martin Marietta Materials	1516310	S.H. 211	018	31	14	27	1					086	
Paso Del Norte Materials, LLC.	2407230	Hueco Rock Quarry	018	21	12	17	26					086	
Texas Industries	0224904	Bridgeport	018, 061	27	11	24	2			2		086, 085	
Texas Industries	0050445	Mill Creek, OK	018, 061	27	10	16	1			6		086, 085	
Vulcan Materials	1501506	1604	018, 061	32	12	22	2			0		086, 085	
Vulcan Materials	2302501	Brownwood	018, 061	26	9	15	0			1		086, 085	
Vulcan Materials	0040102	Calica	018	31	8	23	0					086	
Vulcan Materials	2306805	Eastland	018	28	8	16	3					086	
Vulcan Materials	1516311	Geronimo Creek	018	36	16	32	1					086	
Vulcan Materials	1501514	Helotes	018, 061	29	12	23	3			2		086, 085	
Vulcan Materials	1501507	Huebner Road	018, 061	31	13	25	5			4		086, 085	
Vulcan Materials	1402710	Spicewood	019	21	5	8	9		8			086	
Vulcan Materials	0914708	Tehuacana	018	32	8	24	9					086	
Vulcan Materials	0218409	Weatherford	018	27	9	16	2					086	
Wesley Miller	0421102	Miller Pit	018	30	10	19	6					086	
Zack Burkett Co.	0212001	Leach	018	29	12	21	1					086	

◆ Gravels

Gravels													
Producer	Producer Code	Quarry	Material Code	Coarse Aggregate						Fine Aggregate		Product Code	Comment
				RSLA	RSSM	RSMD	CA RSAI	*CTE	*ASR	FA RSAI	*ASR		
Alamo Concrete	2215903	El Indio Rd.	015, 063	20	4	9	57			69		086, 084	
Alamo Concrete	2121402	La Burrita	015, 063	22	12	10	80			72		086, 084	
Alan Ritchey Materials	0050449	Popes Point	063							91		084	
Alleyton Resource Corp.	1304536	4L Ranch	012, 062	27	3	4	96			96		086, 084	
Aquilla Sand and Gravel	0911002	Aquilla	063							71		084	
Austin Aggregates	1422713	973 Plant	025, 063	27	5	14	39			84		086, 084	
Austin Aggregates	1422714	Hergotz Plant	025, 063	27	7	13	39			84		086, 084	
B.V.S. Construction, Inc.	1716614	BVS Pit	013, 063	31	14	15	47			71		086, 084	
Big Creek Construction	0907401	Mitchell Pit	063							79		084	
Big Creek Sand & Gravel, Inc.	0411807	Big Creek	012	30	5	10	95					086	
Boyd Sand & Gravel	1716615	BSG Pit 5	023, 063	27	4	12	37			66		084, 086	
Bryan Co. S&G	0050401	Yuba, OK	062							96		084	
Capitol Aggregates, Ltd.	1500706	15545 S.H. 16	062							94		084	
Capitol Aggregates, Ltd.	1422715	Austin River Plant	015, 063	27	7	13	52			80		086, 084	
Capitol Aggregates, Ltd.	0619502	Hoban	033, 064	18	8	7	99			96		086, 084	
Capitol Aggregates, Ltd.	1501519	Montgomery Rd	025, 065	25	2	11	5			18		086, 085	
Cemex	2407216	Section 10	063							82		084	
Chanas Aggregates, LLC	1415001	Eagle's Nest Mine	062							95		084	
Colorado County Sand & Gravel	1304534	Altair	012, 062	25	2	4	99			99		086, 084	
Congress Sand & Gravel	1010801	Joe Mack Pit	066							73		084	
Crockett County Mining	0618607	Plant #1	023, 063	19	4	8	46			71		086, 084	
Crockett County Mining	0623802	Plant #2	023, 063	19	4	8	45			67		086, 084	
Crockett S & G	1111404	Crockett	062							94		084	
Crow Aggregates, Ltd.	0050125	Lockesburg	012	23	8	11	98					086	
Curry	2306804	Eastland	063							78		084	
Damron Sand & Gravel	0515201	Long Pit	063							64		084	
Drymala Sand & Gravel	1513305	Drymala Pit	025, 059	28	9	17	5			8		086, 085	
Duininck Brothers, Inc.	2517309	Matador	015	22	6	9	79					086	

Gravels														
Producer	Producer Code	Quarry	Material Code	Coarse Aggregate						Fine Aggregate		Product Code	Comment	
				RSLA	RSSM	RSMD	CA RSAI	*CTE	*ASR	FA RSAI	*ASR			
E & A Materials, Inc.	0324403	Vernon Plant	063								82		084	
E & A Materials, Inc.	0050406	Waurika/Temple	062								92		084	
Fordyce Co.	1323501	Briggs	012, 062	20	8	9	81			8	94		086, 084	
Fordyce Co.	1323505	Murphy	015, 063	22	7	9	84			8	86		086, 084	
Fordyce Co.	2110904	Showers	015, 066	18	6	6	86				81		086, 084	
Freddie Harris, Inc.	1501517	Star	062								98		084	
Granbury Materials, LLC	0211204	Pit #1	062								97		084	
H & B Materials, LLC	0916120	Horseshoe Bend Pit	025, 063	30	22	18	31				74		086, 084	
Hallett Materials	1217007	Porter	062								98		084	
Hanna's Bend Aggregate	2014614	Rye, Tx.	062								98		084	
Hanson Aggregates	1304509	Arena	012, 062	24	2	4	95			8	99		086, 084	
Hanson Aggregates	1807104	Bristol Plant	023, 063	29	8	14	2				66		086, 084	
Hanson Aggregates	1208003	Brookshire	013, 062	21	5	5	75				89		086, 084	
Hanson Aggregates	1304505	Eagle Lake	012, 062	23	2	4	99			8	98		086, 084	
Hanson Aggregates	1208007	Johnson S&G Plant #7610	062								87		084	
Hanson Aggregates	0050114	Little River	012, 062	25	7	5	99			8	99		086, 084	
Hanson Aggregates	0911001	Whitney	023, 063	30	25	21	4				65		086, 084	
Hanson Aggregates	1217006	Woodlands	015, 062	19	1	2	99				98		086, 084	
Ingram Enterprises	0221305	Rainbow	023, 063	28	17	18	33				78		086, 084	
Ingram Ready Mix	2223301	Del Rio	025, 068	23	3	9	31				50		086, 085	
Ingram Ready Mix	1516308	Hondo	025, 065	28	4	15	7				5		086, 085	
J & J Sand Co.	0050452	J & J # 3	062								99		084	
J.A. Mumme S&G	1516302	Mumme	022, 061	28	4	13	3				2		086, 085	
J. Lee Milligan	0406510	Sawyer	013, 062	33	16	19	63				91		086, 084	
Jobe Materials, L.P.	2407229	Avispa Canyon	022	28	2	10	1						086	
Jobe Materials, L.P.	2407227	Dyer	062								96		084	
Jobe Materials, L.P.	2407224	Hitt Canyon	025	22	6	12	24						086	
Jobe Materials, L.P.	2407223	Section 14	068								81		084	
King Ready Mix Concrete, Inc.	1817510	Kerens Pit	023, 066	28	10	13	43				79		084	
Kline Materials	0050450	Harrel Plant	063								79		084	

Gravels													
Producer	Producer Code	Quarry	Material Code	Coarse Aggregate						Fine Aggregate		Product Code	Comment
				RSLA	RSSM	RSMD	CA RSAI	*CTE	*ASR	FA RSAI	*ASR		
La Grange Conc. & Aggr.	1307608	Mullins Prairie	012, 062	25	3	4	89		8	96		086, 084	
Lattimore Materials	0109201	Ambrose	062							97		084	
Lattimore Materials	0211202	Cleburne	023, 063	28	15	16	18			81		086, 084	
Lattimore Mateials	1813003	Rosser	066							73		084	
Leward Anders & Sons, Inc.	1307613	Blankenburg	062							96		084	
Liberty Materials	1217013	Conroe Plant	062							96		084	
Liberty Materials	1214618	Moss Hill Plant	062							98		084	
Little River Materials	1716612	Maysfield Plant # 1	063							61		084	
LS Sand & Gravel	0418002	LS Pit	015, 063	30	11	16	74			76		086, 084	
M.T.I.	2407226	Clint Sand Pit	062							97		084	
Martin Marietta Materials	0050451	Broken Bow S&G	012	24	7	12	99					086	
Martin Marietta Materials	1513306	Center Point	025, 060	29	11	19	2			9		086, 085	
Martin Marietta Materials	1304532	Garwood	012, 062	21	1	4	97			99		086, 084	
Martin Marietta Materials	1500703	Poteet	062							99		084	
McGraw	0107501	Telephone	062							96		084	
Mine Service, Ltd.	1716611	Pit 424	023, 063	29	5	11	16			68		086, 084	
Multisources, Ltd.	1307603	Adamcek (Plant #1)	012, 062	28	6	6	88			98		086, 084	
Multisources, Ltd.	1307609	Ellinger (Plant #3)	012, 062	27	3	4	94			97		086, 084	
Multisources, Ltd.	1304538	Plant #6 Beane	012, 062	25	3	4	100			99		086, 084	
Multisources, Ltd.	1304540	Plant #8, Eagle Lake	013, 063	32	25	20	73			97		086, 084	
Multisources, Ltd.	2014615	Plant #9, Cleveland	062							97		084	
Multisources, Ltd.	1307612	Wegenhoft (Plant #7)	012, 062	27	4	4	96			97		086, 084	
N-Tex Sand & Gravel, LLC.	0107502	Savoy	062							96		084	
Palo Alto	1500702	Plant #2	062							96		084	
R.E. Janes Gravel Co.	0812803	South Noodle	025, 063	26	9	17	24			60		086, 084	
R.E. Janes Gravel Co.	0505402	Woods	063							63		086, 084	
Redi-Mix Concrete	1817507	Redi-Mix Sand & Gravel	023, 063	27	6	12	36			70		086, 084	
River Aggregates, LLC.	2014617	Romayor Plant	062							97		084	
River Valley S&G	1307611	Holman	012, 062	26	3	4	88			96		086, 084	
Southwest Aggregates	1523209	Knippa	025, 065	23	1	11	14			19		086, 085	

Gravels													
Producer	Producer Code	Quarry	Material Code	Coarse Aggregate						Fine Aggregate		Product Code	Comment
				RSLA	RSSM	RSMD	CA RSAI	*CTE	*ASR	FA RSAI	*ASR		
Starr Aggregates, LLC	2121401	Alto Bonito	015, 063	20	10	8	83				77		086, 084
State Materials, LLC	1323506	Hartman Quarry	010, 062	18	2	3	93				91		086, 084
Texas Aggregates, LLC	1401103	Bastrop	015, 062	28	5	10	51				91		086, 084
Texas Industries	0050442	Bells/Savoy	063								79		084
Texas Industries	1422709	Garfield Plant	023, 063	28	5	10	39				83		086, 084
Texas Industries	0218407	Tin Top	015, 063	26	5	11	25				68		086, 084
Texas Industries	1422712	Webberville	025, 063	27	4	10	38				86		086, 084
Texas Sand & Gravel	0418812	Kritser-Fain	015, 063	31	9	13	67				72		086, 084
Thrasher S&G	2517302	Thrasher	015	25	12	14	84						086
Tri County Materials & Services	1806106	Sanger	060								48		085
Trinity Materials	0050201	Anacoco Pit #1391	012, 062	19	3	2	99				98		086, 084
Trinity Materials	1813004	Cottonwood Pit # 1204	023, 063	30	6	12	14				71		086, 084
Trinity Materials	0050217	Indian Village Plant 284	062								98		084
Trinity Materials	0901803	Kopperl Pit # 2034	025, 066	30	21	25	35				73		086, 084
Trinity Materials	0901410	Little River	023, 063	30	10	16	11				60		086, 084
Trinity Materials	0050120	Lockesburg Plant 1544	012, 062	21	5	7	99				98		086, 084
Trinity Materials	0916104	Luckett	023, 063	28	12	13	26				72		086, 084
Trinity Materials	0224919	Paradise Pit #1390	062								91		084
Trinity Materials	2014604	Rye	062								100		084
Troy Vines	0623805	Vines	013, 063	19	3	7	38				66		086, 084
Upper Valley Materials	2110905	Las Viboras	015, 066	17	7	4	85				79		086, 084
Valley Caliche	2110901	Beck	015, 066	19	10	8	80		8		78		086, 084
Vulcan Materials	1300807	Simonton S&G	062								92		084
Wright Materials	1617807	FM 3088	015, 062	21	10	11	71				92		086, 084
Wright Materials	2106701	Realitos	012, 062	17	4	4	95				95		086, 084
XIT Sand & Gravel, LLC.	0418010	XIT S & G Pit	015, 062	30	4	7	89				90		086, 084
Yarrington Road Materials	1422711	Yarrington #1	022, 061	28	12	19	2				4		086, 085
Zack Burkett Co.	0325205	Smith	063								80		084

◆ Igneous Rocks

Igneous													
				Coarse Aggregate						Fine Aggregate			
Producer	Producer Code	Quarry	Material Code	RSLA	RSSM	RSMD	CA RSAI	*CTE	*ASR	FA RSAI	*ASR	Product Code	Comment
Martin Marietta Materials	0050433	Mill Creek (Grnt), OK	051	35	2	8	99			97		086, 084	
Martin Marietta Materials	0050435	Snyder, OK	051	20	1	4	98					086	

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