

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).”

Effective Dates

Effective: 07/01/2011–11/30/11

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.

*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

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
				RSLA	RSSM	RSMD	*CTE	*ASR	FA-RSAI	*ASR		
Martin Marietta Materials	0050437	Apple (Sawyer, OK)	029	27	7	9					086	
Smith Buster Crushed Stone, LLC.	0050447	Byrd Pit	029	29	12	12					086	

◆ Limestone-Dolomites

Limestone - Dolomites												
Producer	Producer Code	Quarry	Material Code	Coarse Aggregate					Fine Aggregate		Product Code	Comment
				RSLA	RSSM	RSMD	*CTE	*ASR	FA-RSAI	*ASR		
Alamo Concrete	1501516	Evans Rd.	061							2		085
Alamo Concrete	1424603	Weir	018	33	15	24						086
Capitol Aggregates, Ltd.	1402702	Marble Falls	019	25	4	11						086
Cemex	1504602	Balcones Quarry	018, 061	32	16	21				3		086, 085
Cemex	2407201	McKelligon Dolo	019	25	9	14						086
Cemex	2407213	South Quarry	019	24	8	13						086
Cemex	2407228	West Quarry	018	20	3	10						086
Centex	1410607	Ruby	018	32	14	26						086
Colorado Materials	1504605	Hunter	018, 061	32	17	28				3		086, 085
Dolese Brothers Co.	0050412	Ardmore, OK	018	27	16	17						086
Dolese Brothers Co.	0050414	Coleman, OK	019	22	8	12						086
Dolese Brothers Co.	0050415	Cooperton, OK	018	24	4	11						086
Dolese Brothers Co.	0050405	Richards Spur	019	27	12	15						086
Hanson Aggregates	1402701	Burnet	019	20	3	9						086
Hanson Aggregates	0224901	Perch-Hill	018, 061	25	7	16				2		086, 085
Hanson Aggregates	1504603	Servtex	018, 061	29	10	19				2		086, 085
Jobe Materials, L.P.	2407220	Butterfield	018	29	16	12						086
Knife River, Corp	1402706	Lampasas	018	24	5	10						086

Limestone - Dolomites												
Producer	Producer Code	Quarry	Material Code	Coarse Aggregate					Fine Aggregate		Product Code	Comment
				RSLA	RSSM	RSMD	*CTE	*ASR	FA-RSAI	*ASR		
Lattimore Materials	1516315	Mico # 68	018	34	15	25					086	
Lattimore Materials	0050407	Stringtown, OK	019	19	4	8					086	
Lindsey Materials	1402711	Naruna	018	25	6	10					086	
M.T.I.	2407225	Hueco Quarry	018	27	5	12					086	
Martin Marietta Materials	1501503	Beckmann		32	24	27				2	086, 085	
Martin Marietta Materials	0224921	Chambers	018	29	18	21					086	
Martin Marietta Materials	1504606	I-35 @ Solms Rd.	018, 061	30	14	21				2	086, 085	
Martin Marietta Materials	0050448	North Troy	019	22	8	9					086	
Martin Marietta Materials	1516310	S.H. 211	018	31	14	26					086	
R.T.I. Materials, LTD.	1424606	Yearwood	018	30	16	24					086	
Texas Industries	0224904	Bridgeport	018, 061	31	13	24				4	086, 085	
Texas Industries	0050445	Mill Creek, OK	018	27	11	18					086	
Vulcan Materials	1501506	1604	018, 061	34	16	25				2	086, 085	
Vulcan Materials	2302501	Brownwood	018, 061	26	10	15				1	086, 085	
Vulcan Materials	0040102	Calica	018	31	8	23					086	
Vulcan Materials	2306805	Eastland	018	28	8	16					086	
Vulcan Materials	1516311	Geronimo Creek	018	36	15	30					086	
Vulcan Materials	1501514	Helotes	018, 061	30	12	24				3	086, 085	
Vulcan Materials	1501507	Huebner Road	018, 061	31	14	25				5	086, 085	
Vulcan Materials	1402710	Spicewood	019	20	4	7		8			086	
Vulcan Materials	0914708	Tehuacana	018	31	10	25					086	
Vulcan Materials	0218409	Weatherford	018	27	9	16					086	
Wesley Miller	0421102	Miller Pit	018	29	10	19					086	
Zack Burkett Co.	0212001	Leach	018	28	11	19					086	

◆ Gravels

Gravels													
Producer	Producer Code	Quarry	Material Code	Coarse Aggregate					Fine Aggregate		Product Code	Comment	
				RSLA	RSSM	RSMD	*CTE	*ASR	FA-RSAI	*ASR			
Alamo Concrete	2215903	El Indio Rd.	015, 063	21	4	9				72		086, 084	
Alamo Concrete	2121402	La Burrita	015, 063	22	11	10				74		086, 084	
Alan Ritchey Materials	0050449	Popes Point	063							85		084	
Alleyton Resource Corp.	1304536	4L Ranch	012, 062	26	3	4				94		086, 084	
Aquilla Sand and Gravel	0911002	Aquilla	063							66		084	
Austin Aggregates	1422714	Hergotz Plant	025, 063	28	7	13				83		086, 084	
Big Creek Construction	0907401	Mitchell Pit	063							81		084	
Boyd Sand & Gravel	1716607	Fulton	025, 066	28	11	13				61		084, 086	
Bryan Co. S&G	0050401	Yuba, OK	062							97		084	
Capitol Aggregates, Ltd.	1500706	15545 S.H. 16	062							94		084	
Capitol Aggregates, Ltd.	1422715	Austin River Plant	015, 063	26	6	11				80		086, 084	
Capitol Aggregates, Ltd.	0619502	Hoban	033, 064	18	7	7				97		086, 084	
Capitol Aggregates, Ltd.	1501519	Montgomery Rd	025, 065	25	2	11				18		086, 085	
Cemex	1422709	Norwood Lane	063							79		084	
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		086, 084	
Congress Sand & Gravel	1817508	Kerens	015, 066	28	5	12				70		086, 084	
Crockett County Mining	0618607	Plant #1	015, 063	19	5	8				68		086, 084	
Crockett County Mining	0623802	Plant #2	015, 063	19	4	8				66		086, 084	
Crockett S & G	1111404	Crockett	062							90		084	
Crow Aggregates, Ltd.	0050125	Lockesburg	012	22	8	10						086	
Curry	2306804	Eastland	063							78		084	
Duininck Brothers, Inc.	2517309	Matador	015	22	6	9						086	
E & A Materials, Inc.	0324403	Vernon Plant	063							84		084	
E & A Materials, Inc.	0050406	Waurika/Temple	062							91		084	
E.D. Baker Co.	0411807	Big Creek	012	30	5	10						086	
Fordyce Co.	1323501	Briggs	012, 062	20	8	9		8		86		086, 084	
Fordyce Co.	1323505	Murphy	015, 063	23	8	10		8		84		086, 084	

Gravels													
Producer	Producer Code	Quarry	Material Code	Coarse Aggregate					Fine Aggregate		Product Code	Comment	
				RSLA	RSSM	RSMD	*CTE	*ASR	FA-RSAI	*ASR			
Fordyce Co.	2110904	Showers	015, 066	17	6	6				81		086, 084	
Freddie Harris, Inc.	1501517	Star	062							98		084	
Granbury Materials, LLC	0211204	Pit #1	062							92		084	
H & B Materials, LLC	0916120	Horseshoe Bend Pit	025, 063	27	19	18				79		086, 084	
Hallett Materials	1210203	Heuni Road	063							89		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		8		94		086, 084	
Hanson Aggregates	1807104	Bristol Plant	015, 063	29	8	13				65		086, 084	
Hanson Aggregates	1208003	Brookshire	013, 062	21	5	4				89		086, 084	
Hanson Aggregates	1304505	Eagle Lake	012, 062	23	2	4		8		98		086, 084	
Hanson Aggregates	1208007	Johnson S&G Plant #7610	062							88		084	
Hanson Aggregates	0050114	Little River	012, 062	25	7	6		8		99		086, 084	
Hanson Aggregates	1217009	McKnight Plant #7612	062							98		084	
Hanson Aggregates	0911001	Whitney	023, 063	28	17	16				66		086, 084	
Hanson Aggregates	1217006	Woodlands	015, 062	19	1	2				98		086, 084	
Ingram Enterprises	0221305	Rainbow	023, 063	27	18	18				78		086, 084	
Ingram Ready Mix	2223301	Del Rio	025, 068	24	3	8				48		086, 085	
Ingram Ready Mix	1513305	Drymala	025, 059	29	9	17				9		086, 085	
Ingram Ready Mix	1516308	Hondo	025, 065	29	4	15				4		086, 085	
J & J Sand Co.	0050452	J & J # 3	062							98		084	
J.A. Mumme S&G	1516302	Mumme	022, 061	28	4	13				4		086, 085	
Jobe Materials, L.P.	2407229	Avispa Canyon	022	27	3	11						086	
Jobe Materials, L.P.	2407227	Dyer	062							96		084	
Jobe Materials, L.P.	2407224	Hitt Canyon	025	21	6	11						086	
Jobe Materials, L.P.	2407223	Section 14	062							97		084	
King Ready Mix Concrete, Inc.	1817510	Kerens Pit	023, 066	28	12	14				76		084	
Kline Materials	0050450	Harrel Plant	063							79		084	
Knife River, Corp.	1702603	Scarmardo	062							91		084	
La Grange Conc. & Aggr.	1307608	Mullins Prairie	012, 062	27	3	3		8		94		086, 084	

Gravels													
Producer	Producer Code	Quarry	Material Code	Coarse Aggregate					Fine Aggregate		Product Code	Comment	
				RSLA	RSSM	RSMD	*CTE	*ASR	FA-RSAI	*ASR			
Lattimore Materials	0109201	Ambrose	062							98		084	
Lattimore Materials	0211202	Cleburne	023, 063	26	11	20				81		086, 084	
Lattimore Mateials	1813003	Rosser	066							75		084	
Leward Anders & Sons, Inc.	1307613	Blankenburg	062							95		084	
Liberty Materials	1217013	Conroe Plant	062							99		084	
Liberty Materials	1214618	Moss Hill Plant	062							98		084	
Little River Materials	1716612	Maysfield Plant # 1	063							63		084	
LS Sand & Gravel	0418002	LS Pit	015, 063	31	12	16				79		086, 084	
LS Sand & Gravel	0418001	Mansfield	015, 063	27	8	14				82		086, 084	
M.T.I.	2407226	Clint Sand Pit	062							98		084	
Martin Marietta Materials	0050451	Broken Bow S&G	012	21	6	11						086	
Martin Marietta Materials	1513306	Center Point	025, 060	29	12	19				7		086, 085	
Martin Marietta Materials	1304532	Garwood	012, 062	22	2	4				99		086, 084	
Martin Marietta Materials	1500703	Poteet	062							99		084	
McGraw	0107501	Telephone	062							97		084	
Megasand Enterprises, Inc.	1210204	Highlands Pit	062							98		084	
Mike Arnold Trkg. & Mtrls.	1304533	Altair	062							97		084	
Mine Service, Ltd.	1716611	Pit 424	025, 063	29	5	11				67		086, 084	
Multisources, Ltd.	1307603	Adamcek (Plant #1)	012, 062	27	5	6				95		086, 084	
Multisources, Ltd.	1304535	Columbus (Plant #5)	012, 062	25	3	4				98		086, 084	
Multisources, Ltd.	1307609	Ellinger (Plant #3)	012, 062	27	4	4				95		086, 084	
Multisources, Ltd.	1304538	Plant #6 Beane	012, 062	25	4	4				99		086, 084	
Multisources, Ltd.	1307612	Wegenhoft (Plant #7)	012, 062	27	4	4				96		086, 084	
N-Tex Sand & Gravel, LLC.	0107502	Savoy	062							97		084	
Nueces S&G	2225401	La Pryor	025	23	2	8						086	
Palo Alto	1500702	Plant #2	062							97		084	
R.E. Janes Gravel Co.	0801701	Goode-Anderson	013, 063	26	6	5				84		086, 084	
R.E. Janes Gravel Co.	0812803	South Noodle	025, 063	26	9	17				65		086, 084	
R.E. Janes Gravel Co.	0505402	Woods	063							64		086, 084	
Redi-Mix Concrete	1817507	Redi-Mix Sand & Gravel	013, 063	27	6	12				70		086, 084	

Gravels												
Producer	Producer Code	Quarry	Material Code	Coarse Aggregate					Fine Aggregate		Product Code	Comment
				RSLA	RSSM	RSMD	*CTE	*ASR	FA-RSAI	*ASR		
River Valley S&G	1307611	Holman	012, 062	28	3	4				96		086, 084
Romayor Aggregates	2014615	Romayor Pit # 1	062							98		084
Sanco Materials	0704110	Blackburn	025, 063	24	2	9				82		086, 084
Southwest Aggregates	1523209	Knippa	025, 065	24	1	10				22		086, 085
Starr Aggregates, LLC	2121401	Alto Bonito	015, 063	20	10	8				78		086, 084
Texas Aggregates, LLC	1401103	Bastrop	015, 063	28	5	10				91		086, 084
Texas Industries	0050442	Bells/Savoy	063							65		084
Texas Industries	0218407	Tin Top	015, 063	26	6	12				82		086, 084
Texas Industries	1422712	Webberville	015, 063	27	3	10				88		086, 084
Texas Sand & Gravel	0418812	Kritser-Fain	015, 063	31	9	13				71		086, 084
Thrasher S&G	2517302	Thrasher	015	26	15	15						086
Tri County Materials & Services	1806106	Sanger	060							49		085
Trinity Materials	1813004	Cottonwood Pit # 1204	023, 063	30	6	13				69		086, 084
Trinity Materials	0050217	Indian Village Plant 284	062							98		084
Trinity Materials	0901803	Kopperl Pit # 2034	025, 066	29	16	19				71		086, 084
Trinity Materials	0901410	Little River	023, 063	30	11	16				61		086, 084
Trinity Materials	0050120	Lockesburg Plant 1544	012, 062	21	6	7				97		086, 084
Trinity Materials	0916104	Lockett	023, 063	28	12	13				73		086, 084
Trinity Materials	2014604	Rye	062							100		084
Troy Vines	0623805	Vines	013, 063	19	4	7				66		086, 084
Upper Valley Materials	2110905	Las Viboras	015, 066	17	7	4				79		086, 084
Valley Caliche	2110901	Beck	015, 066	19	10	8		8		79		086, 084
Vulcan Materials	1300807	Simonton S&G	062							92		084
Wright Materials	1617807	FM 3088	015, 062	18	8	7				92		086, 084
Wright Materials	2106701	Realitos	012, 062	17	3	3				94		086, 084
XIT Sand & Gravel, LLC.	0418010	XIT S & G Pit	015, 062	29	4	7				93		086, 084
Yarrington Road Materials	1422711	Yarrington #1	022, 061	28	11	18				3		086, 085
Zack Burkett Co.	0325205	Smith	063							81		084

◆ Igneous Rocks

Igneous												
Producer	Producer Code	Quarry	Material Code	Coarse Aggregate					Fine Aggregate		Product Code	Comment
				RSLA	RSSM	RSMD	*CTE	*ASR	FA-RSAI	*ASR		
Martin Marietta Materials	0050433	Mill Creek, OK	051	32	2	8					086	
Martin Marietta Materials	0050435	Snyder, OK	051	21	1	4					086	

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