



**City of Phoenix
Design and Construction Management
Materials Lab**

2018 Approved Concrete Mix Designs

Arizona Materials

The following Mix Designs have been approved by the City of Phoenix Materials Lab for use on all City of Phoenix projects:

	Fly Ash	No Fly Ash
MAG AA 4000 PSI 1"agg. Flowable (Slump 5"-7")	14054	
MAG AA 4000 PSI 1"agg. (Slump: 4" +/- 1")	14004	
MAG A 3000 PSI 1"agg. Flowable (Slump 7" +/- 1")	13054	
MAG A 3000 PSI 1"agg. (Slump 4"+/- 1")	13004	
MAG A 3000 PSI 1"agg. CIPP (Slump 0"-2")	13008	
MAG B 2500 PSI 1"agg. (Slump 4" +/- 1")	12504	
MAG B 2500 PSI 1"agg. Curb Machine Mix (Slump 1.5" +/- 1")	12506	
MAG C 2000 PSI 1"agg. (Slump 4" +/- 1")	12004	
1/2 Sack ABC Slurry (Flow 9" +/- 2")		PHCLSM
1.0 Sack ABC Slurry (Flow 9" +/- 2")		PHCLSM1
1.5 Sack ABC Slurry (Flow 7" +/- 2")		PHCLSM1.5

Approved Plants:

Plant# 1 3636 South 43rd Avenue Phoenix, Arizona 85009
Plant# 3 21838 North 20th Street Phoenix, Arizona 85027-2030
Plant# 7 6225 N. El Mirage Rd. Glendale, Arizona 85307
Plant#12 1900 N. Longmore Rd. Mesa, Arizona

No water shall be added to concrete truck/mix on City of Phoenix jobsites.

Updated: 1/29/2018



**City of Phoenix
Design and Construction Management
Materials Lab**

2018 Approved Concrete Mix Designs

Arizona Metro Mix

The following Mix Designs have been approved by the City of Phoenix Materials Lab for use on all City of Phoenix projects:

		Fly Ash	No Fly Ash
MAG AA 4000 PSI 1"agg.	(Slump 4" +/- 1")	401110	
MAG AA 4000 PSI 1"agg. Flowable	(Slump 7" +/- 1")	401120	
MAG AA 4000 PSI 1"agg. Machine	(Slump 2" +/- 1")	401130	
MAG A 3000 PSI 1"agg.	(Slump 4" +/- 1")	301111	
MAG A 3000 PSI 1"agg. Flowable	(Slump 7" +/- 1")	301121	
MAG A 3000 PSI 1"agg. Machine	(Slump 2" +/- 1")	301131	
MAG B 2500 PSI 1"agg.	(Slump 4" +/- 1")	251112	
MAG B 2500 PSI 1"agg. Machine	(Slump 2" +/- 1")	251132	
MAG C 2000 PSI 1"agg.	(Slump 4" +/- 1")	201113	
1.5 Sack ABC Slurry	(Slump 9" +/- 2")		PHCLSM1 1/2
MAG 1 Sack Slurry	(Slump 3"- 8")		PHCLSM1
MAG 0.5 Sack ABC Slurry	(Slump 9"+/-2")		PHCSLM1/2

Approved Plants:

Plant# 1 39360 N. Schnepf Rd. Queen Creek 85242

Plant# 3 6400 S. El Mirage Road - Tolleson Az

No water shall be added to concrete truck/mix on City of Phoenix jobsites.

Updated: 1/31/2018



**City of Phoenix
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2018 Approved Concrete Mix Designs

CalPortland

The following Mix Designs have been approved by the City of Phoenix Materials Lab for use on all City of Phoenix projects:

		Fly Ash	No Fly Ash
MAG AA 4000 PSI 1"agg. Machine	(Slump 0"-3")	P4025MAA	P4015MAA
MAG AA 4000 PSI 1" agg Flowable	(Slump 6"-8")	P4025AAF	P4015AAF
MAG AA 4000 PSI 1" agg.	(Slump 3"-5")	P4025AA1	P4015AA1
MAG AA 4000 PSI 1" agg. w/Air Flowable	(Slump 6"-8")	P4025AF5	
MAG AA 4000 PSI 1" agg. w/Air	(Slump 3"-5")	P4025AA5	
MAG A 3000 PSI 1"agg.	(Slump 3"-5")	P3025A01	P3015A01
MAG A 3000 PSI 1"agg. Flowable	(Slump 6"-8")	P3025AF1	P3015AF1
MAG A 3000 PSI 1"agg. Machine	(Slump 0"-2")	P3025MA1	
MAG B 2500 PSI 1"agg.	(Slump 3"-5")	P2525B01	P2515B01
MAG B 2500 PSI 1"agg. Machine	(Slump 0"-3")	P2525MB1	
MAG B 2500 PSI 1"agg. Flowable	(Slump 6"-8")	P2525BF1	P2515BF1
MAG C 2000 PSI 1"agg.	(Slump 3"-5")	P2025C01	P2015C01
MAG 2.0 Sack ABC Slurry	(Slump 5"-7")		S20157S1
MAG 1.5 Sack ABC Slurry	(Slump 5"-7")		PHCLSM1 1/2(S15157S1)
MAG 1 Sack ABC Slurry	(Slump 5"-7")		PHCLSM1(S10157S1)
MAG 1/2 Sack ABC Slurry PHCLSM1/2	(Slump 5"-7")		PHCLSM

Approved Plants:

- Plant# 135 15931 N. Christensen Rd. Coolidge, Az.
- Plant# 137 2425 W. Power Line Rd. Maricopa, Az.
- Plant# 147 4850 S. 47th Ave Phoenix, Az.
- Plant# 150 11500 W. Beardsley Sun City, Az.
- Plant# 151 3410 E. Virginia Mesa, Az.
- Plant# 154 3410 N. Higley Road Mesa, Az. 85215
- Plant# 158 6500 Agua Fria Shore Glendale, Az. 85037
- Plant# 159 39401 N. Schnepf Road Queen Creek, Az. 85242
- Plant# 160 31805 W. Southern Ave Buckeye, Az
- Plant# 161 39333 N. New River Rd. Phoenix, Az. 85085
- Plant# MIAR Sky Harbor Airport 1798 E. Elwood St. Phoenix Az. 85040

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**City of Phoenix
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2018 Approved Concrete Mix Designs

Cemex

The following Mix Designs have been approved by the City of Phoenix Materials Lab for use on all City of Phoenix projects:

		Fly Ash	No Fly Ash
MAG AA 4000 PSI Standard	(Slump 4"+/-1")		1377687
MAG AA 4000 PSI 25% Ash Standard	(Slump 4"+/-1")	1556313	
MAG AA 4000 PSI 25% Ash Flowable	(Slump 6.5"+/-1.5")	1556315	
MAG AA 4000 PSI Air 25% Ash Curb STD	(Slump 2"+/-1")	1555658	
MAG AA 4000 PSI Flowable Standard	(Slump 6.5"+/-1.5")		1377688
MAG A 3000 PSI Standard	(Slump 4"+/-1")		1385442
MAG A 3000 PSI 25% Ash Standard	(Slump 4"+/-1")	1555049	
MAG A 3000 PSI 25% Ash Flow Standard	(Slump 6.5"+/-1.5")	1555050	
MAG A 3000 PSI Air 25% Ash CurbM STD	(Slump 2"+/-1")	1555657	
MAG A 3000 PSI Flowable Standard	(Slump 6.5"+/-1.5")		1341247
MAG B 2500 PSI 25% Ash Standard	(Slump 4"+/-1)	1554955	
MAG B 2500 PSI 25% Ash Flowable	(Slump 6.5"+/-1.5")	1555047	
MAG B 2500 PSI Air 25% Ash CurbM STD	(Slump 2"+/-1")	1555656	
MAG C 2000 PSI 25% Ash Flowable	(Slump 6.5"+/-1.5")	1555627	
MAG C 2000 PSI 25% Ash Standard	(Slump 4"+/-1")	1555624	
MAG Sec728 0.5 Sack	(Slump 7.5"+/-1.5")		PHCLSM0.5 (1332797)
MAG Sec728 1.0 Sack	(Slump 7"+/-1")		PHCLSM1 (1332774)
MAG Sec728 1.5 Sack	(Slump 7"+/-1")		PHCLSM1.5 (1332772)

Approved Plants:

- Plant# 1953 23210 N. 7th St., Phoenix
- Plant# 1956 3640 South 19th Ave., Phoenix
- Plant# 1960 NE Intersection of Maricopa Rd., Maricopa
- Plant# 4101 22625 W. Beloat, Buckeye
- Plant# 4108 11701 W. Indian School Rd. Avondale, Az.
- Plant# 4111 38721 N. Kenworthy, Queen Creek
- Plant# 4112 2126 N. Tanner Rd., Sacaton

No water shall be added to concrete truck/mix on City of Phoenix jobsites.

Updated:

2/2/2018



**City of Phoenix
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Materials Lab**

2018 Approved Concrete Mix Designs

CORE Ready Mix

The following Mix Designs have been approved by the City of Phoenix Materials Lab for use on all City of Phoenix projects:

		Fly Ash	No Fly Ash
MAG AA 4000 PSI w/Ash	(Slump 3"-5")	4025AA1P	
MAG AA 4000 PSI w/Ash Machine Mix	(Slump 1"-3")	402MAA1P	
MAG AA 4000 PSI w/Ash Flowable	(Slump 5"-7")	4025AAFP	
MAG AA 4000 PSI Flowable	(Slump 5"-7")		4015AAFP
MAG AA 4000 PSI	(Slump 3"-5")		4015AA1P
MAG AA 4000 PSI Machine	(Slump 1"-3")		401MAA1P
MAG A 3000 PSI w/Ash	(Slump 3"-5")	3025A01P	
MAG A 3000 PSI w/Ash Machine Mix	(Slump 1"-3")	3025MA1P	
MAG A 3000 PSI w/Ash Flowable	(Slump 5"-7")	3025AF1P	
MAG A 3000 PSI Flowable	(Slump 5"-7")		3015AF1P
MAG A 3000 PSI Machine	(Slump 1"-3")		3015MA1P
MAG A 3000 PSI	(Slump 3"-5")		3015A01P
MAG B 2500 PSI w/Ash	(Slump 3"-5")	2525B01P	
MAG B 2500 PSI w/Ash Machine Mix	(Slump 1"-3")	2525BM1P	
MAG B 2500 PSI Machine Mix	(Slump 1"-3")		2515MB1P
MAG B 2500 PSI	(Slump 3"-5")		2515B01P
MAG C 2000 PSI w/Ash	(Slump 3"-5")	2025C01P	
MAG C 2000 PSI	(Slump 3"-5")		2015C01P
MAG 2.0 Sack ABC Slurry	(Slump 5"-7")		2015700S
MAG 1.5 sack ABC Slurry	(Slump 5"-7")		PHCSLM1.5(1S15700S)
MAG 1.0 Sack ABC Slurry	(Slump 5"-7")		PHCSLM1(1015700S)
MAG 0.5 Sack ABC Slurry	(Slump 5"-7")		PHCSLM0.5

Approved Plants:

Plant #2 27212 N. 107th Avenue, Peoria Az.

No water shall be added to concrete truck/mix on City of Phoenix jobsites.

Updated: 2/5/2018



**City of Phoenix
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2018 Approved Concrete Mix Designs

Desert Ready Mix

The following Mix Designs have been approved by the City of Phoenix Materials Lab for use on all City of Phoenix projects:

		Fly Ash	No Fly Ash
MAG AA 4000 PSI w/Ash	(Slump 4"+/- 1")	A204001	
MAG AA 4000 PSI w/Ash Machine Mix	(Slump 2"+/-1")	A204002	
MAG AA 4000 PSI w/Ash Flowable	(Slump 6"+/-1")	F204011	
MAG AA 4000 PSI Flowable	(Slump 6"+/-1")		F204010
MAG AA 4000 PSI	(Slump 4"+/-1")		A204000
MAG A 3000 PSI w/Ash	(Slump 4"+/- 1")	A203001	
MAG A 3000 PSI w/Ash Machine Mix	(Slump 2"+/-1")	A203002	
MAG A 3000 PSI w/Ash Flowable	(Slump 6"+/-1")	F203011	
MAG A 3000 PSI Flowable	(Slump 6"+/-1")		F203010
MAG A 3000 PSI	(Slump 4"+/- 1")		A203000
MAG B 2500 PSI w/Ash	(Slump 4"+/- 1")	A202501	
MAG B 2500 PSI w/Ash Machine Mix	(Slump 2"+/-1")	A202502	
MAG B 2500 PSI w/Ash Flowable	(Slump 6"+/-1")	F202511	
MAG B 2500 PSI Flowable	(Slump 6"+/-1")		F202510
MAG B 2500 PSI	(Slump 4"+/- 1")		A202500
MAG C 2000 PSI Flowable	(Slump 6"+/-1")	F202011	
MAG C 2000 PSI w/Ash	(Slump 4"+/- 1")	A202001	
MAG C 2000 PSI Flowable	(Slump 6"+/-1")		F202010
MAG C 2000 PSI	(Slump 4"+/- 1")		A202000
MAG 1.5 Sack ABC Slurry	(Slump 7"+/-1")		PHCLSM1.5
MAG 1.0 Sack ABC Slurry	(Slump 7"+/-1")		PHCLSM1
MAG 0.5 Sack ABC Slurry	(Slump 7"+/-1")		PHCLSM.5

Approved Plants:

- Plant# 5 5401 N. 119th Ave. Glendale, Az. 85307
- Plant# 10 1800 N. Alma School Rd. Mesa, Az. 85201
- Plant# 15 6400 N. Agua Fria Shore Dr. Glendale, Az. 85037

No water shall be added to concrete truck/mix on City of Phoenix jobsites.

Updated: 1/29/2018



**City of Phoenix
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2018 Approved Concrete Mix Designs

Diamondback Materials

The following Mix Designs have been approved by the City of Phoenix Materials Lab for use on all City of Phoenix projects:

	Fly Ash	No Fly Ash
MAG AA 4000 PSI 1"agg. (Slump 5" +/- 1.0")	14004	
MAG A 3000 PSI 1"agg. (Slump 5" +/- 1.0")	13004	
MAG B 2500 PSI 1"agg. (Slump 5" +/- 1.0")	12504	
MAG C 2000 PSI 1"agg. (Slump 5" +/- 1.0")	12004	
1/2 Sack ABC PHCLSM		PHCLSM1/2
1.0 Sack ABC CLSM		PHCLSM1
1.5 Sack ABC SLURRY		PHCLSM1.5

Approved Plants:

Plant# 17 6400 S. 123rd Avenue Avondale, Az.

Plant# 18 6400 S. 123rd Avenue Avondale, Az.

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**City of Phoenix
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2018 Approved Concrete Mix Designs

Hanson Aggregates

The following Mix Designs have been approved by the City of Phoenix Materials Lab for use on all City of Phoenix projects:

		Fly Ash	No Fly Ash
MAG AA 4000 PSI 1"agg. w/MR	(Slump 4"-7")	2403144	2403104
MAG AA 4000 PSI 1"agg.	(Slump 2"-5")	2403141	2403101
MAG AA 4000 PSI 1"agg. w/MR & AEA	(Slump 4"-7")		240310C
MAG AA 1" Machine w/AEA	(Slump 2"-5")		240310A
MAG A 3000 PSI 1"agg. w/MR	(Slump 4"-7")	2303144	2303104
MAG A 3000 PSI 1"	(Slump 2"-5")	2303141	2303101
MAG A 3000 PSI 1" w/MR & AEA	(Slump 4"-7")		230310C
MAG A 3000 PSI 1"agg. Machine w/AEA Only		2304122	
MAG B 2500 PSI 1"agg.	(Slump 2"-5")	2253141	2253101
MAG B 2500 PSI 1"agg. w/MR	(Slump 4.5"-7.5")	2253134	2253104
MAG B 2500 PSI 1"agg. w/AEA	(Slump 2"-5")		225310A
MAG C 2000 PSI 1"agg.	(Slump 2"- 5")	2203141	2203101
MAG C 2000 PSI 1"agg. w/MR	(Slump 4"- 7")	2203134	2203104
MAG C 2000 PSI 1"agg. w/Air	(Slump 2"-5")	220312A	
1.5 Sack ABC Slurry PHCLSM1 1/2	(Slump 5"- 8")		PHCLSM15
1.0 Sack ABC Slurry	(Slump 5"-8")		PHCLSM1
0.5 Sack ABC Slurry PHCLSM	(Slump 5"- 8")		PHCLSM1/2

Approved Plants:

- Plant #32 2011 W. McKellips Mesa, Az. 85256
- Plant #45 6501 N. 115th Avenue, Glendale, Az. 85037
- Plant# 67 6204 W. Southern Ave. Laveen, Az. 85339

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2018 Approved Concrete Mix Designs

Rock Solid

The following Mix Designs have been approved by the City of Phoenix Materials Lab for use on all City of Phoenix projects:

		Fly Ash	No Fly Ash
MAG AA 4000 Psi w/ Ash Machine	(Slump 2" +/- 1")	A4046	
MAG AA 4000 Psi w/ Ash Flowable	(Slump 7" +/- 1")	A4040P	
MAG AA 4000 Psi	(Slump 4" +/- 1")		A4041
MAG AA 4000 Psi w/ Ash	(Slump 4" +/- 1")	A4040	
MAG A 3000 Psi w/ Ash Machine	(Slump 2" +/- 1")	A3046	
MAG A 3000 Psi w/ Ash Flowable	(Slump 7" +/- 1")	A3040P	
MAG A 3000 Psi	(Slump 4" +/- 1")		A3041
MAG A 3000 Psi w/ Ash	(Slump 4" +/- 1")	A3040	
MAG B 2500 Psi w/ Ash Machine	(Slump 2" +/- 1")	A2546	
MAG B 2500 Psi w/ Ash Flowable	(Slump 7" +/- 1")	A2540P	
MAG B 2500 Psi	(Slump 4" +/- 1")		A2541
MAG B 2500 Psi w/ Ash	(Slump 4" +/- 1")	A2540	
MAG C 2000 Psi	(Slump 4" +/- 1")	A2040	
1/2 Sack ABC Slurry	(Flow 9 +/- 2")		PHCLSM1/2 (A1050)
1 Sack ABC Slurry	(Flow 9 +/- 2")		PHCLSM 1 (A1100)
1.5 Sack ABC Slurry	(Flow 9 +/- 2")	PHCLSM 1 1/2 (A1150)	
2 Sack Slurry	(Flow 9 +/- 2")	A1200	

Approved Plants:

- Plant # 1 6741 W Rock Solid Way Chandler, Az. 85226
- Plant # 2 11500 W Beardsley Road Sun City, Az. 85373
- Plant # 5 3666 N Higley Rd Mesa Az 85215
- Plant # 6 6204 W Southern Ave Laveen, Az. 85339

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