

Equipment ID	Manufacturer	Model #	Serial #	UofA ID	Location	Calib. Interval	Calib. Procedure	Next Calib. Due	Date Rec'd	Condition	In Service
Slump Cone	Gilson	HM-45	NA	NA	ST(218)	12 mos.	In-House #07-1	03/13	Mar 12	New	May 12
Cylinder Molds (single use)	Test Mark/Desl	NA	NA	NA	ST(218)	each shipment	ASTM C 470	03/13	Mar 12	New	May 12
Air Pressure Meter (APM)	Gilson	HM-30	NA	NA	ST(218)	3 mos.	ASTM C231 Annex	11/12	Mar 12	New	May 12
APM Calibration Vessel	Gilson	HM-30-CV	NA	NA	ST(218)	12 mos.	ASTM C 231 4.4	05/13	Mar 07	New	May 12
Strike-Off Bar (APM)	Gilson	HM-30-SO Bar	NA	NA	ST(218)	12 mos.	ASTM C231 4.11	05/13	Mar 12	New	May 12
Strike-Off Plate	Gilson	HM-30-SO Plate	NA	NA	ST(218)	12 mos.	ASTM C231 4.11	05/13	Mar 12	New	May 12
Unit Weight Bucket (meas.)	Gilson	HM-30	NA	NA	ST(218)	12 mos.	ASTM C 138	05/13	Mar 12	New	May 12
Volumetric Air Meter (VAM)	Test Mark	CA-0600-P	NA	NA	ST(218)	12 mos.	In-House #07-4	05/13	Mar 12	New	May 12
Calibrated Cup for VAM	Test Mark	CA-0600-CUP	NA	NA	ST(218)	12 mos.	In-House #07-4	05/13	Mar 12	New	May 12
Funnel for VAM	Test Mark	CA-0600-Funnel	NA	NA	ST(218)	12 mos.	In-House #07-4	05/13	Mar 12	New	May 12
Tamping Rod for VAM	Test Mark	CA-0600-T-Rod	NA	NA	ST(218)	12 mos.	In-House #07-2	05/13	Mar 12	New	May 12
Strike-Off Bar for VAM	Test Mark	CA-0600-SO Bar	NA	NA	ST(218)	12 mos.	In-House #07-4	05/13	Mar 12	New	May 12
Water Storage Tank	NA	NA	NA	NA	Moist Rm	24 mos.	change water	11/12	Mar 12	New	May 12
Temperature Recorder	Test Mark	Palmer X4-16133	NA	NA	Moist Rm	6 mos.	In-House #00-9	05/13	May 07	New	May 07
Sulfur Melting Pot	Test Mark	CA-0170	NA	NA	ST(218)	Each use	ASTM C 617 4.3	05/13	Mar 07	New	May 07
Sulfur Thermometer	Gilson (Kessler)	MA 122	NA	TSB-7	ST(218)	6 mos.	In-House #00-9	04/13	Dec 08	New	Jan 09
2" Cube Test Set	Gilson	MCA-6	NA	NA	ST(218)	3 mos.	ASTM C 39 5.3.3.4	05/13	Aug 09	New	Sep 09
Capping Compound	Gilson	Red	NA	NA	ST(264)	Prior to Use	ASTM C 617 5.4	11/12	Mar 07	New	May 07
Capping Plate	Test Mark	NA	NA	NA	ST(218)	12 mos.	ASTM C 617 4.1	05/13	Mar 12	New	May 12
Alignment Devices	Test Mark	CA-0110	NA	NA	ST(218)	12 mos.	ASTM C 617 4.1	05/13	Mar 12	New	May 12
Retainer Rings	Test Mark	CA-0190	NA	NA	ST(218)	each use	ASTM C 1231 5.3	05/13	Mar 12	New	May 12
Neoprene Pads	Test Mark	CA-0190-01	NA	NA	ST(218)	each use	ASTM C 1231 5.2	05/13	Mar 12	New	May 12
Comp. Testing Machine	Forney	F-400F-LC1	95037	231709	ST(226)	12 mos.	ASTM E4-03	12/12	Mar 07	New	May 07
Comp. Testing Machine	Test Mark	CM-5000-GB2	100317	264440	ST(226)	12 mos.	ASTM E4-03	12/12	Jul 10	New	Aug 10
24" Tamping Rod	Test Mark	CA-0600-T Rod	NA	NA	ST(218)	12 mos.	In-House #07-2	05/13	Mar 12	New	May 12
Rubber Mallet	Test Mark	CA-0470	NA	NA	ST(218)	12 mos.	ASTM C231 4.10	05/13	Mar 12	New	May 12
Alcohol Meas. Vessel	Wal-Mart	NA	NA	NA	ST(218)	12 mos.	ASTM C173 4.6	05/13	Mar 12	New	May 12
Concrete Thermometer	Gilson (Kessler)	MA 121F	NA	NA	ST(218)	12 mos.	In-House #00-9	04/13	Mar 09	New	Apr 09
Incidental Items:											
Syringe	Wal-Mart	NA	NA	NA	ST(218)	12 mos.	ASTM C173 4.7	05/13	Mar 07	New	May 07
Pouring Vessel for Water	Test Mark	NA	NA	NA	ST(218)	12 mos.	ASTM C173 4.6	05/13	Mar 07	New	May 07
Scoop	Test Mark	CA-0420	NA	NA	ST(218)	12 mos.	ASTM C173 4.9	05/13	Mar 07	New	May 07
Isopropyl Alcohol	Collier's Drug	NA	NA	NA	ST(218)	NA	ASTM C173 4.10	05/13	May 12	New	May 12

APAC-Central, Inc.

AGGREGATE CORRECTION FACTOR (ASTM C231 6.1-6.4.3)

MIX DESCRIPTION: F8360

JOB: U of A Special Mix

RE:

Cement	200	lbs.	per yd.
Fly Ash	200	lbs.	per yd.
1 1/2" - 3/4"	0	lbs.	per yd.
1 1/4" - 3/4"	0	lbs.	per yd.
#67	1700	lbs.	per yd.
Fibermesh	0	lbs.	per yd.
Sand	1400	lbs.	per yd.
Water	32	gals.	per yd.
Air Entraining Agent		ozs.	per yd.
Pozzoloth 300-R		ozs.	
		ozs.	

$$\text{Course Aggregate } \frac{0.2429}{27} \times 1700 = \boxed{15.3}$$

$$\text{Course Aggregate } \frac{0.2429}{27} \times 0 = \boxed{0.0}$$

$$\text{Fine Aggregate } \frac{0.2429}{27} \times 1400 = \boxed{12.6}$$

WEIGHT ACCUMULATION FOR TEST

1 1/2" - 3/4"	0.0	0.0
1 1/4" - 3/4"	0.0	0.0
3/4" - #4	15.3	15.3
1" - #4	0.0	15.3
Sand	12.6	27.9

THIS MIX DESIGN HAS AN
AGGREGATE CORRECTION
FACTOR OF 0.3 %

Technician: Scott Weege Cert No. 1030

Course Aggregate Source: APAC-Central, Sharps Quarry Date: 9-13-12
Fine Aggregate Source: Arkansas River