

ARIZONA DEPARTMENT OF TRANSPORTATION
CONCRETE TEST REPORT

USE CAPITAL LETTERS

CLASS	CORE OR CYLINDER NUMBER *	LOT NUMBER	DATE BATCHED			TICKET NUMBER	TRUCK OR BATCH QUANTITY	CY	PRODUCT CODE				
			MONTH	DAY	YEAR								

* ENTER CORE OR CYLINDER NUMBER AT THE SITE

PLANT OF ORIGIN OR PIT	PROJECT AND TRACS NUMBER
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REQUIRED 28-DAY STRENGTH	PSI
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IF CORES, CHECK HERE

AT PLANT (AT SITE WHEN NO PLANT INSPECTOR)

DESIGN WT (S.S.D.) LB/CY	MOISTURE (S.S.D.) LB/CY	BATCH WEIGHTS LB/CY	FLY ASH LB/CY	ADMX	TYPE	AMOUNT	OZ./CY OR OZ./CWT	BATCH TIME	MILITARY TIME
CEMENT								Max. mfg. rated mix speed	rpm
SAND								Min. mfg. rated mix speed	rpm
C.A. #1								Actual mix. speed	rpm
C.A. #2								Time mixed	min
C.A. #3								No. of mix rev.	
WATER									

PLANT INSPECTOR'S SIGNATURE _____

AT SITE

DATE SAMPLED	SAMPLED BY	QUANTITY REP BY TEST	CY	WATER ADDED GAL / CY	SAMPLE TIME	MILITARY TIME
MONTH DAY YEAR						

DIR	STATION	PLACED IN - PART OF STRUCTURE	STRUCT. NO

AIR CONTENT SPEC	TO	%	IF NO BATCH WEIGHTS, THERE IS NO FINAL W/C RATIO	CONCRETE TEMP	°F
MEASURED AIR CONTENT		%	FINAL W/C RATIO 0	AIR TEMP	°F
SLUMP/SPRED SPEC	TO	IN.	MAX W/C RATIO 0	INITIAL CURING TEMP	°F TO °F
MEASURED SLUMP/SPREAD		IN.	VCI		

FIELD INSPECTOR'S SIGNATURE _____

AT LAB

LAB NUMBER	SPECIMEN ID	LENGTH/ HEIGHT	DIAMETER	CROSS-SECTIONAL AREA	LOAD	STRENGTH
	A					
	B					
	C					

DATE REC'D IN LAB	MILITARY TIME	REQUIRED STRENGTH	AGE	AVERAGE**
		PSI		

H = HOURS
D = DAYS

INDICATE TYPE OF FRACTURE PATTERN ON BACK

AT LAB

LAB NUMBER	SPECIMEN ID	LENGTH/ HEIGHT	DIAMETER	CROSS-SECTIONAL AREA	LOAD	STRENGTH
	A					
	B					
	C					

DATE REC'D IN LAB	MILITARY TIME	REQUIRED STRENGTH	AGE	AVERAGE**
		PSI		

H = HOURS
D = DAYS

INDICATE TYPE OF FRACTURE PATTERN ON BACK

LAB LAB CODES: P = PROJECT
R = REGIONAL
C = CENTRAL

REMARKS

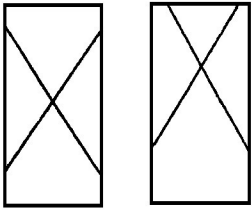
LABMAN SIGNATURE AND DATE _____

LABMAN SIGNATURE AND DATE _____

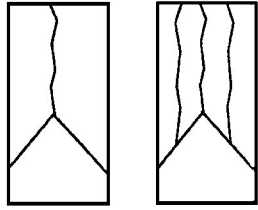
SUPERVISOR SIGNATURE AND DATE _____

TEST METHOD	
SAMPLING	R 60
FABRICATION AND CURING	T 23 or R 39
AIR CONTENT	T 152
SLUMP	T 119
FLOW OF SCC	C 1611
CONCRETE TEMP	C 1064
LENGTH/HEIGHT OF CORES	T 148
COMPRESSIVE STRENGTH	ASTM C39
UNBONDED COMP	ASTM C1231

< 1 in. [25mm] → ←



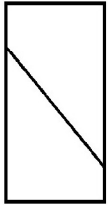
Type 1
Reasonably well-formed cones on both ends, less than 1 in. [25 mm] of cracking through caps



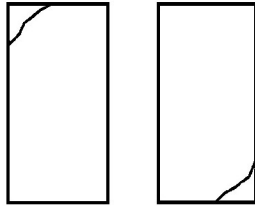
Type 2
Well-formed cone on one end, vertical cracks running through caps, no well-defined cone on other end



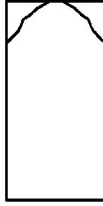
Type 3
Columnar vertical cracking through both ends, no well-formed cones



Type 4
Diagonal fracture with no cracking through ends; tap with hammer to distinguish from Type 1



Type 5
Side fractures at top or bottom (occur commonly with unbonded caps)



Type 6
Similar to Type 5, but end of cylinder is pointed

[The space above is provided for recording testing charges when the testing is performed by the Central Materials Laboratory.]

AGE: _____

Were unbonded caps used? Yes No If Yes, what type of unbonded cap was used? Neoprene Other _____

SPECIMEN IDENTIFICATION	INDICATE TYPE OF FRACTURE PATTERN ()						
	TYPE 1	TYPE 2	TYPE 3	TYPE 4	TYPE 5	TYPE 6	OTHER*
A							
B							
C							

* If the type of fracture pattern is other than Type 1 to Type 6, sketch and briefly describe the fracture pattern.

Remarks: _____

AGE: _____

Were unbonded caps used? Yes No If Yes, what type of unbonded cap was used? Neoprene Other _____

SPECIMEN IDENTIFICATION	INDICATE TYPE OF FRACTURE PATTERN ()						
	TYPE 1	TYPE 2	TYPE 3	TYPE 4	TYPE 5	TYPE 6	OTHER*
A							
B							
C							

* If the type of fracture pattern is other than Type 1 to Type 6, sketch and briefly describe the fracture pattern.

Remarks: _____