CONCRETE INSPECTION

PROJECT _____ DATE _____

SUPPLIER_____ LOCATION _____

_____

MIX DESIGN: _____ TRUCK NO. _____

BATCH NO. _____ BATCH SIZE _____ C.Y. [1]

ALL MATERIALS CERTIFIED?_____

CEMENT: _____ , FLY ASH: _____

AIR ENTRAINER:_____ , STONE (MAX. SIZE):_____

RETARDER: _____ , SAND (TYPE): _____

_____

TIMES		REVOLUTIONS	
BATCH: _____		_____ ,	LEAVING PLANT
JOB SITE: _____		_____ ,	@ DISCHARGE
UNLOAD: _____		_____ ,	@ COMPLETION

QUANTITY SUMMARY

TOTAL BATCH

DESIGN (1 C.Y.)		LIMIT	FREE WATER	ACTUAL WEIGHTS OR COUNTS	
CEMENT:_____	LBS.	+ / - 1%	N/A	_____]	
FLY ASH:_____	LBS.	+ / - 1%	N/A	_____]	
SAND: _____	LBS.	+ / - 2%	____%; [2] = 1 + ____ %	_____]	
STONE: _____	LBS.	+ / - 2%	____%; [3] = 1 + ____ %	_____]	
AEA:_____	OZS.	+ / - 1% OZ.	N/A	_____ COUNTS , OZS.	
RETARDER: _____	OZS.	+ / - 1% OZ.	N/A	_____ COUNTS , OZS.	
WATER:_____MAX.	GAL.	+ / - 1% GAL.	N/A	_____ COUNTS , OZS. [8]	
ICE:_____	LBS.	+ / - 1% LB.	N/A	_____]	
COLOR:_____	LBS.	+ / - 1%	N/A	_____ , LBS.	
W/C:_____	MAX.				

WATER SUMMARY

W/C RATIO SUMMARY

FREE WATER-SAND   = [6] - [6] / [2]   = _____ LBS, "A"

FREE WATER-SAND   = [7] - [7] / [3]   = _____ LBS, "B"

AFTER BATCHING

A + B + C / ([4] + .6 [5])   = _____

BATCH PLANT MIX   = [8] x 8.33 + [9]   = _____ LBS, "C"

WASHDOWN WATER   = [1] x .5* (8.33)   = _____ LBS, "D"

LEAVING PLANT

$$\frac{E \rule{3cm}{0.4pt}}{[4] + .6 [5]} = \rule{2cm}{0.4pt}$$

WATER ADDED PLANT   = (_____ GALS) x 8.33 = _____ LBS, "E"

JOBSITE   = (_____ GALS) x 8.33 = _____ LBS, "F"

AS PLACED

$$\frac{F \rule{3cm}{0.4pt}}{[4] + .6 [5]} = \rule{2cm}{0.4pt}$$

* .5 OR AS MEASURED

"G" = TOTAL WATER MAX. = .44 x [4] + .6 [5] = _____

_____

= _____ _____ GALS.

CONCRETE TECHNICIAN PLANT _____ / SIGNATURE

SITE _____ / SIGNATURE