CONCRETE MIXTURE DESIGN DATA

DATE

PROJECT	JOB

PORTLAND CEMENT		OTHER ADMIXTURE	AIR-ENT ADMIXTURE	
TYPE	ADDITIONS	TYPE	TYPE	AMOUNT [1]
BRAND & MILL		SOURCE		

FINE AGGREGATE	COARSE AGGREGATE	
TYPE	TYPE	SIZE
SOURCE	SOURCE	

MATERIALS

MATERIALS	SERIAL NUMBER	SIZE RANGE	BULK SP. GR.	ABSORPTION %
CEMENT				
FINE AGGREGATE				
COARSE AGGREGATE *(A)*				
COARSE AGGREGATE *(B)*				
COARSE AGGREGATE *(C)*				
COARSE AGGREGATE *(D)*				

MIXTURE DATA

MATERIALS	SAMPLE NUMBER			SAMPLE NUMBER		
	MIXTURE BY WEIGHT	NET WEIGHTS 1 BAG BATCH *(lb.)*	SOLID VOLUME 1 BAG BATCH *(cu. ft.)*	MIXTURE BY WEIGHT	NET WEIGHTS 1 BAG BATCH *(lb.)*	SOLID VOLUME 1 BAG BATCH *(cu. ft.)*
CEMENT						
FINE AGGREGATE						
COARSE AGGREGATE *(A)*						
COARSE AGGREGATE *(B)*						
COARSE AGGREGATE *(C)*						
COARSE AGGREGATE *(D)*						
WATER						
AIR						
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00

WATER/CEMENT *(gal. per bag)*	THEO. UNIT WEIGHT *(lb./ cu. ft.)*
SLUMP *(in.)*	ACTUAL UNIT WEIGHT *(lb./ cu. ft.)*
AIR CONTENT *(%)* [2]	THEO. CEMENT FACT. *(bag/ cu. yd.)*
AIR CONTENT *(%)* [3]	ACTUAL CEMENT FACT. *(bag/ cu. yd.)*
SAND/AGGREGATE *(% volume)*	

REMARKS *(Condition of mix, workability, plasticity, bleeding, etc.)*

TECHNICIAN *(Signature)*	COMPUTED BY *(Signature)*	CHECKED BY *(Signature)*

1. *Calculated on the basis of:*
2. *In the entire batch as mixed.*
3. *In that portion of the concrete containing aggregate smaller than the 1½ inch sieve.*

DD FORM 1220, AUG 57

Reset