

| CONCRETE MIXTURE DESIGN DATA | | | | | | DATE |
|---|-------------------|-------------------------------|------------------------------------|------------------------|-------------------------------|------------------------------------|
| PROJECT | | | | JOB | | |
| PORTLAND CEMENT | | OTHER ADMIXTURE | | AIR-ENT ADMIXTURE | | |
| TYPE | ADDITIONS | TYPE | SOURCE | TYPE | AMOUNT ¹ | |
| BRAND & MILL | | | | | | |
| 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 | | | | | | |
| 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. | | | | | | |