



Project: \_\_\_\_\_

Contractor: \_\_\_\_\_

Concrete Manufacturer: \_\_\_\_\_ Mix Name: \_\_\_\_\_

Mix designed by: \_\_\_\_\_

Design Mix (cubic yard basis)

Cement \_\_\_\_\_ lb. Pozzolan (Fly Ash) \_\_\_\_\_ lb. Ground Granulated Blast Furnace (GGBF) Slag \_\_\_\_\_ lb.

Measured Air Content \_\_\_\_\_ % (Must be 6 ± 1.5)

Measured Slump \_\_\_\_\_ in. (Must be < 5.0) Measured Slump (after superplasticizer) \_\_\_\_\_ in. (Must be < 8)

28-Day Compressive Strength (attach test results) \_\_\_\_\_ psi (Must be > design psi)

Total Pozzolan + GGBF Material: \_\_\_\_\_ lb. Total Cementitious Material: \_\_\_\_\_ lb.

Pozzolan to Total Cementitious Material Ratio: \_\_\_\_\_ (Must be ≤ 0.25)

GGBF to Total Cementitious Material Ratio: \_\_\_\_\_ (Must be ≤ 0.30)

(Pozzolan + GGBF) to Total Cementitious Material Ratio: \_\_\_\_\_ (Must be ≤ 0.30)

Total Cementitious Material per cubic yard (Cement + Pozzolan + GGBF): \_\_\_\_\_ (Must be ≥ 558.4)

Water: \_\_\_\_\_ gal.

Fine Aggregate\*: \_\_\_\_\_ lb. % Moisture Content<sup>1</sup>: \_\_\_\_\_ Water Weight (FA)<sup>2</sup>: \_\_\_\_\_ lb. \_\_\_\_\_ gal.<sup>3</sup>

Coarse Aggregate\*: \_\_\_\_\_ lb. % Moisture Content<sup>1</sup>: \_\_\_\_\_ Water Weight (CA)<sup>2</sup>: \_\_\_\_\_ lb. \_\_\_\_\_ gal.<sup>3</sup>

Total Water Content: \_\_\_\_\_ gal.

Oven dry Fine Aggregate Weight: \_\_\_\_\_ lb. [Fine Aggregate - Water Weight (FA)]

Oven dry Coarse Aggregate Weight: \_\_\_\_\_ lb. [Course Aggregate - Water Weight (CA)]

Total Oven dry Aggregate Weight: \_\_\_\_\_ lb.

Fine Aggregate (Oven dry) / Total Aggregate (Oven dry): \_\_\_\_\_ (Must be 0.30 - 0.45)

Total Water Weight: \_\_\_\_\_ lbs. (gal. \* 8.34 lb/gal)

Water:Cement Ratio: \_\_\_\_\_ (must be ≤ 0.45)

\*State if aggregate is oven dry, saturated surface dry, moist weight, etc.



