

COMPANY / PLANT

MIX DESIGN RECORD

Mix ID: _____

Date / Rev: _____

DESIGN CRITERIA

Design Strength (psi): _____ Test Age (days): _____ Slump (in): _____ Air Content (%): _____

Max Aggregate Size: _____ W/C Ratio (max): _____ Unit Weight (pcf): _____ Exposure Class: _____

BATCH WEIGHTS — PER CUBIC YARD (SSD)

Material	Source / Supplier	Design Wt (lb/yd³)	Sp. Gravity	Abs. Volume (ft³)
Cement (Type ____)				
Fly Ash / Slag				
Coarse Aggregate				
Intermediate Agg.				
Fine Aggregate (Sand)				
Water				
Air (entrained)				
TOTALS:				

Absolute volume = weight ÷ (specific gravity × 62.4). Total absolute volume should equal 27.00 ft³ per cubic yard.

ADMIXTURES

Admixture	Manufacturer	Dosage (oz/cwt)	Total (oz/lyd³)

TRIAL BATCH / TEST RESULTS

Trial Date: _____ Slump (in): _____ Air (%): _____ Unit Wt (pcf): _____ Temp (°F): _____

7-Day (psi): _____ 28-Day (psi): _____ Cylinder Set No.: _____

APPROVAL

Prepared By _____

Date _____

Approved By _____

Date _____