

Pensacola Testing Laboratories, Inc.
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6/20/2008

Client :
 Project :
 Supplier :

| | | | | | |
|--|--------|-------------------------------|------|--------------------------|-----|
| Water Demand (Gals/Yd ³) : | 30.0 | Design Strength (psi) : | 4000 | Design Slump (inches) : | 4.0 |
| Water Cement Ratio : | 0.4433 | Total Sacks/Yd ³ : | 6.00 | Slump Range ± (inches) : | 1.0 |
| Water Weight/Yd ³ (lbs) : | 250.0 | % Entrained Air : | 3.0 | % Air Range ± : | 1.5 |

Cementitious Materials

| Supplier | Type | Specs | Specific Gravity | % of Total Cement | Pounds per Cubic Yard |
|--------------------------------|------|-------|------------------|-------------------|-----------------------|
| Cement Supplier #1 | Type | spec | 3.15 | 80 | 451.2 |
| Pozzolan Supplier #1 | Type | spec | 2.40 | 20 | 112.8 |
| Pozzolan #2 | Type | spec | 0 | 0 | 0.0 |
| Total Cementitious Materials : | | | | | 564.0 |

Aggregates

| Supplier | Description | Size | Specific Gravity | % of Agg Volume | Pounds per Cubic Yard |
|--------------|-------------|------|------------------|-----------------|-----------------------|
| Aggregate #1 | Type | spec | 2.60 | 41.8 | 1,297.4 |
| Aggregate #2 | Type | spec | 2.60 | 58.2 | 1,806.4 |
| Aggregate #3 | Type | spec | 0 | 0 | 0.0 |
| Aggregate #4 | Type | spec | 0 | 0 | 0.0 |

Admixtures

| Supplier | Type | Specs | Specific Gravity | oz/100lbs Cmt+Pozz | Oz/Yd ³ |
|---------------------------------------|------|-------|------------------|-----------------------|--------------------|
| Admix #1 (Air Entrainer) | Type | spec | 1 | 0.5 | 2.8 |
| Admix #2 WR | Type | spec | 1 | 4.0 | 22.6 |
| Admix #3 HRWR | Type | spec | 1 | 10.0 | 56.4 |
| | | | | oz/100lbs Cement Only | Oz/Yd ³ |
| Admix #4 (dosed to cement #1 wt only) | Type | spec | 1 | 0 | 0.0 |

ONE CUBIC YARD BATCH WEIGHTS | VOLUMES ft³

| | | | |
|--|--------------|----------------------|---------------------------|
| Cement Supplier #1 - Type : | 451.2 lbs. | 2.30 | |
| Pozzolan Supplier #1 - Type : | 112.8 lbs. | 0.75 | |
| Pozzolan #2 - Type : | 0.0 lbs. | 0 | |
| Aggregate #1 - Type : | 1,297.4 lbs. | 8.00 | |
| Aggregate #2 - Type : | 1,806.4 lbs. | 11.13 | |
| Aggregate #3 - Type : | 0.0 lbs. | 0 | |
| Aggregate #4 - Type : | 0.0 lbs. | 0 | |
| Admix #1 (Air Entrainer) - Type : | 2.8 oz | 0.81 | |
| Admix #2 WR - Type : | 22.6 oz | 0 | |
| Admix #3 HRWR - Type : | 56.4 oz | 0 | |
| Admix #4 (dosed to cement #1 wt only) - Type : | 0.0 oz | 0 | |
| Water : | 250.0 lbs. | 4.01 | |
| Theoretical Weight/Yd ³ : | 3,917.9 lbs. | 27.0 ft ³ | 145.1 lbs/ft ³ |

Comments Here:
 This is a single page program.
 What you see is what you get.
 Enter the water demand, w/c ratio required and aggregate #2, 3 and 4 percentages of total aggregate volume.
 Aggregate #1 is calculated from the remaining volume.
 If you enter the water weight you will have to press enter for it to calculate.