

Pensacola Testing Laboratories, Inc.

217 East Brent Lane

Pensacola, FL 32503

850-477-5100 fax

Client : **Client**

Project : **Project**

Supplier : **Concrete Company Name**

Date: 6/6/2006	Water Demand (Gal/Cu Yd): 32.0	Cement Specific Gravity: 3.15
Mix No.: 1	Pozzolan #1 (% of Total Cmt): 30	Pozzolan #1 Specific Gravity: 2.40
Report No.: 1	Pozzolan #2 (% of Total Cmt): 0	Pozzolan #2 Specific Gravity: 2.40
Design Strength (psi): 4000	% Coarse Aggregate of -	Coarse Agg. Specific Gravity: 2.60
Design Slump (inches): 4.0	total Aggregate Volume: 58	Fine Aggregate Specific Gravity: 2.60
Slump Range (inches): ±1.0	Water/Cement Ratio : .50	Air Ent. Admix #1 (oz/100cwt): 1
	% Entrained Air : 3.0	Admixture #2 (oz/100cwt): 4
	Total Equivalent Sacks of -	Admixture #3 (oz/100cwt): 10
	Cement + Pozz/Cu Yd: 5.67	

	Weight per Cubic Yard	Volume in Cubic Feet	Mass per Cubic Meter	Materials Cost per Cubic Yard	Batch quantities for 1.5 Cubic Feet	Free Moisture Corrected Weights
Cement :	373.3	1.8992	221.57	17.73	Cement: 20.7 lbs	0
Pozzolan #1:	160.0	1.0684	94.97	3.60	Pozzolan #1: 8.9 lbs	75.29
Pozzolan #2:	0	0	0	0	Pozzolan #2: 0.0 lbs	11.22
Coarse Agg:	1,783.0	10.9901	1,058.31	19.61	Coarse Agg: 99.1 lbs	8.8 mL
Fine Agg:	1,291.2	7.9583	766.35	7.75	Fine Agg: 71.7 lbs	35.0 mL
Water:	266.7	4.2740	158.30	32.00	Water: 14.8 lbs	87.6 mL
(Air) Admix #1:	5.33 oz	0.8100	0.21	0.25	Air Entrainer: 0.30 oz	
Admix #2:	21.33 oz		0.83	2.00	Admix #2: 1.19 oz	
Admix #3:	53.33 oz		2.06	6.25	Admix #3: 2.96 oz	
	3874.2 lbs/cu yd		2,299.5 Kg	\$ 89.19	Batch Weight :	215.2 lbs
	143.5 lbs/cu ft					

FREE MOISTURE	Trial Batch Results				Age (Days)	Compressive Strength (psi)
Coarse Aggregate						
Free Moisture (%)= 0.0	Slump :	4.5"	% Entrained Air :	3.1	7 Day	3450
Fine Aggregate	Batch Time :	7:25am	Ambient Temp. :	87	7 Day	3380
Free Moisture (%)= 5.0	Sample Time :	7:35am	Concrete Temp. :	91	7 Day	3420
	Chloride Test Results :	NP			28 Day	4660
					28 Day	4700
					28 Day	4640

Comments:

Choose any quantity to see total weight of each components to be used, such as 100 cubic yds or more or 0.10 cubic feet.