

Report Number: A1116608
 Service Date: July, 2011
 Report Date: 08/11/11
 Task: Test sand according to ASTM C 778

Client

Societe Nouvelle du Littoral
 Z.A. B.P. 9 11370
 Leucate, FR

Project

Sand Certification (ASTM C 778)
 Graded Sand

Project No. A1116608

ASTM C 136

U.S. Standard Sieve Size		C 778 Req.	Measured	Meets Specification
Mesh	Opening (mm)	Percent Passing	Percent Passing	
16	1.180	100	100	Yes
30	0.600	96-100	97.7	Yes
40	0.425	65-75	72.7	Yes
50	0.300	20-30	24.2	Yes
100	0.150	0-4	0.4	Yes

ASTM C 185

C 778 Req. (Max % difference in air content of mortars made with washed and unwashed sand.)	Measured % Difference	Meets Specification
1.5	1.3	Yes

ASTM C 127: Bulk Specific Gravity (SSD) of Mortar Cubes

As Received Graded Sand	Washed Graded Sand
2.001	1.991
2.012	1.949
2.007	1.979
2.021	2.013
2.027	2.018
2.032	2.023

ASTM C 109: 7-Day Compressive Strength of Mortar Cubes***

As Received Graded Sand	Washed Graded Sand
2247.8	2374.5
2095.8***	2222.5
2501.3	2273.3
2374.5	2602.8
2552.0	2653.5
2526.5	2552.0

***ASTM C 150 requires a minimum 7-day compressive strength of 2200 psi

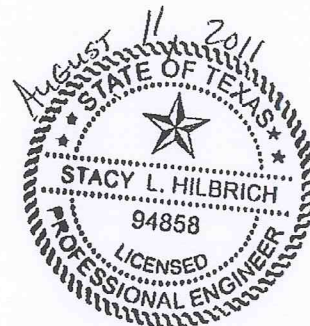
Services: ASTM C 136, ASTM C 185, ASTM C 127, ASTM C 109
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 Reported To: Jacques Vecoven
 Contractor:

Report Distribution

Jacques Vecoven

Stacy L. Hilbrich

Reviewed By



Stacy L. Hilbrich, P.E.

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