

Report Number: A1116608
 Service Date: July, 2011
 Report Date: 08/31/11
 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)
 20-30 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	Yes
20	0.850	85-100	96.8
30	0.600	0-5	4.3

ASTM C 185

C 778 Req. (Max % difference in air content of mortars made with washed and unwashed sand.)	Measured % Difference	Meets Specification
2	1.1	Yes

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

As Received 20-30 Sand	Washed 20-30 Sand
1.933	1.929
1.934	1.941
1.953	1.940
1.935	1.934
1.953	1.944
1.946	1.934

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

As Received 20-30 Sand	Washed 20-30 Sand
2602.8	2147.0
2476.0	2806.0
2805.5	2171.8
2932.3	2298.5
2425.3	2526.8
2526.8	2729.5

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

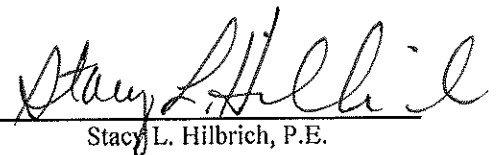
Services: ASTM C 136, ASTM C 185, ASTM C 127, ASTM C 109
 Terracon Rep: Stacy L. Hilbrich, P.E.
 Reported To: Jacques Vecoven
 Contractor:

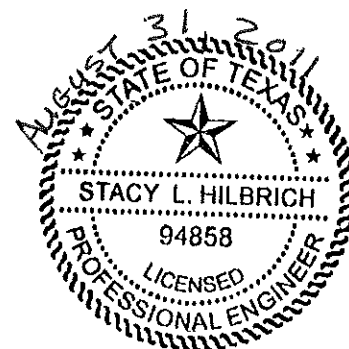
Report Distribution

Jacques Vecoven

Stacy L. Hilbrich

Reviewed By


 Stacy L. Hilbrich, P.E.



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