TEXAS - LEHIGH CEMENT COMPANY

P.O. Box 610 Buda, Texas 78610 (512) 295-6111

LABORATORY TEST REPORT

AASHTO Accredited

Consignee: _____ Address _____

Date: **Monthly Average for January, 2010** Plant _____

Type **I** Car/Truck _____ Bin No. _____ Quantity _____

RESULT OF TESTS

Chemical Analysis(%)-ASTM C 114

MgO		1.1
SO_3		3.3
LOI		2.4
Insol. Residue		0.42
Na_2O Equiv.		0.71
Minimum	0.39%	
Maximum	0.82%	
% CO_2 from Limestone		0.83
Limestone %		2.4
$CaCO_3$ % in Limestone		77.3

Potential Compounds(ASTM C150)

C_3A		12

PHYSICAL TESTS

Fineness, specific surface - m2/kg		
Wagner(ASTM C115)		194
Blaine(ASTM C204)		376
Exp.(%)-ASTM C 151		0.01
Time of Set (Vicat)-ASTM C 191		
Initial (Minutes)		94
Final (Minutes)		191
Air Content(%)-ASTM C 185		9

Compressive Strength, psi
(ASTM C109 Mortar Cubes):

1-Day		2280
3 - Day		3830
7 - Day		4620
28 - Day		5490
		(Dec.)

Remarks: _____

We certify that the above described cement, at the time of shipment, meets the chemical and physical requirements of the current applicable specifications ASTM C150 and AASHTO M85. Cement analysis are reported as oxides, in accordance with ASTM Test Method C114. Silicon dioxide (SiO_2) is present in the combined state as the compounds tricalcium silicate and dicalcium silicate, and not crystalline silica. The above data represents the average of mill samples from the production stream. We are not responsible for improper use or workmanship.

Date: February 8, 2010 QC Manager: Jim Jarl

Jim Jarl

FAX: (512) 295-2431 [lab] / (512) 295-3102 [accounting]