



NEVADA CEMENT COMPANY

Post Office Box 840, Fernley, Nevada 89408 - 0840 (775) 575 - 2281

LABORATORY TEST REPORT
SAMPLE: TYPE IP (HS) (25)

DATE: February 2012

Customer: _____

SILO: 14

Bill of Lading: _____

CHEMICAL ANALYSIS (%)	
ASTM C - 114	
Magnesium Oxide	2.0
Sulfur Trioxide	2.7
Loss on Ignition	1.9

COMPRESSIVE STRENGTHS (P.S.I.)		
ASTM C - 109		
	Mpa	(psi)
3 Day MPa, (psi)	21.3	3092
7 Day Mpa, (psi)	25.7	3727
28 Day Mpa, (psi)		Pending

PHYSICAL TESTS	
Specific Surface (Blaine) cm ² /g	4518
ASTM C - 204	
Fineness (325 Sieve) passing %	95.5
ASTM C - 430	
Autoclave Expansion, %	0.01
ASTM C - 151	
Set Time Vicat Needles	
ASTM C - 191	
Initial Set Min.	146
Density (Specific Gravity) g/cm ³	2.89
ASTM C - 188	
Air Content, %	7
ASTM C - 185	
Sulfate Expansion	
Expansion at 180 days, %	0.04
ASTM C - 1012	

NEVADA CEMENT COMPANY complies with the requirements of current ASTM C595 specifications. The above data represents the average of the silos or bins ground during the month of February 2012 from which this cement was shipped. We are not responsible for improper use or workmanship. Cement analysis are reported as oxides, in accordance with ASTM test methods C114. Silicon dioxide (SiO₂) is present in the combined state as the compounds tricalcium silicate and dicalcium silicate, and not as crystalline silica.

Meets requirements of Caltran 90-2.01A

The Type I/II cement used in the uniform blend meets ASTM C-150 with total alkali's less than 0.60

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Ben Bufmack
Plant Manager