

The following product(s) are not activated:

ProjectWise InterPlot Server



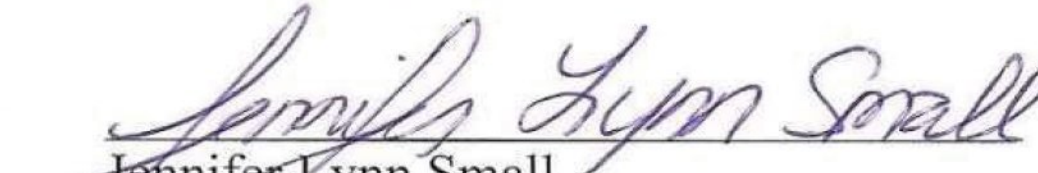
P.O. Box 191, U.S. Route 1 • Thomaston, Maine 04861 • 207-594-5555

MILL TEST RESULTS Laboratory at Thomaston, Maine	Date: January, 2017 issued 2/10/17 Cement Type: III Silo Numbers: 16 & 22
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CHEMICAL DATA	Percent	PHYSICAL DATA
Silicon Dioxide.....	19.2	Specific Surface..... 506
Aluminum Dioxide.....	3.7	Blaine (sq m /kg) <i>(Per ASTM C 204)</i>
Ferric Oxide.....	2.9	Percent Passing 325 Mesh 99.4 <i>(Per ASTM C 430)</i>
Calcium Oxide.....	60.4	Compressive Strength (psi) <i>(Per ASTM C 109)</i>
Magnesium Oxide.....	3.1	1 day..... 4110
Sulphur Trioxide.....	4.0	3 day..... 5810
Loss on Ignition.....	1.6	7 day..... 6790
Insoluble Residue.....	0.3	28 day.....
Tricalcium Silicate.....	59	Vicat Setting Time <i>(Per ASTM C 191)</i>
Dicalcium Silicate.....	10	Initial (min.)..... 130
Tricalcium Aluminate.....	5	Final (min.)..... 190
Sum of C3S + 4.75*C3A....	81	Air Content (%)..... 6.2 <i>(Per ASTM C 185)</i>
Sum of C4AF + 2*C3A.....	18	Autoclave Expansion (%)... 0.01 <i>(Per ASTM C 151)</i>
Sodium Oxide.....	0.4	Expansion in water (%)..... 0.014 <i>(Per ASTM C 1038)</i>
Potassium Oxide.....	1.0	
Equivalent Alkalies.....	1.02	
Limestone Addition	2.9	
CaCO ₃ in Limestone	96	

(Chemical Analysis all per ASTM C 114)

Certified by:


Jennifer Lynn Small
Quality Control & Distribution Manager

We hereby certify that this cement complies with current ASTM C 150, AASHTO M-85 and CSA A3001 Type HE specifications.

Testing was completed by Brian Secord.

This mill test report is generated for silos produced in the calendar month prior to the date upon this report.