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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: February 8, 2017 Ground Granulated Blast Furnace Slag Silo Numbers: 23 & 26
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CHEMICAL DATA	Percent	PHYSICAL DATA	
<b>Reference Cement Data</b>		<b>Dragon GGBF Slag Data</b>	
Specific Surface.....	366	Specific Surface.....	538
Blaine (sq m /Lg)		Blaine (sq m /Lg)	
Alkali Equivalent.....	0.81	Percent Retained on 325 Mesh.....	1.2
Compressive Strength (psi of reference portland cement)		Air Content (%).....	5.2
7 day.....	3980	Sulfide Sulfur (S).....	1.0
28 day.....	5090	Compressive Strength (psi of 50:50 slag and reference portland cement)	
Potential Compound Composition		7 day.....	4100
C3S (%).....	53	28 day.....	7125
C2S (%).....	14	Activity Index	
C3A (%).....	7	7 day.....	103%
C4AF (%).....	11	28 day.....	140%
		Specific Gravity (g/ml).....	2.81
		Autoclave Expansion.....	0.016

*Jennifer Lynn Small*  
 Jennifer Lynn Small  
 Quality Control & Distribution Manager

We hereby certify that this material complies with current ASTM C 989 and AASHTO M 302 Grade 100 specifications as well as CSA-A3001 Type S specifications for slag

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.