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**CEMENT
 MILL
 TEST**

Cement Identified as: Masonry Cement, Type N **Date:** 08/31/20
Production Dates: July, 2020

PHYSICAL REQUIREMENTS	SPECIFICATIONS	ASTM C 91 Type N	RESULTS
(ASTM C 430) 45-um sieve, % retained	Maximum	24	7
(ASTM C 151) Autoclave Expansion, %	Maximum	1.0	0.10
(ASTM C 266) Time of Setting (Gillmore)			
Initial Set, minutes	Minimum	120	238
Final Set, minutes	Maximum	1000	320
(ASTM C 185) Air Content, %	Range	8-21	18
(ASTM C 1506) Water Retention	Minimum	70	81
(ASTM C 109) Compressive Strength, psi (Mpa)			
7 Day	Minimum	500 (3.4)	2030 (14.0)
28 Day	Minimum	900 (6.2)	2335 (16.1)

We hereby certify that this cement conforms to all of the standard requirements for masonry cement in the above specification for the type specified.

By: Rusty Strader

Physical Testing completed by: DG, MS
 Chemical Testing completed by: TA, NC, JD, NM

Rusty Strader
 Quality Control Manager
 Fairborn Cement Company