FAIRBORN CEMENT COMPANY

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CEMENT MILL TEST

Cement Identified as: **Masonry Cement, Type N** **Date: 04/06/21**

Production Dates: **February, 2021**

PHYSICAL REQUIREMENTS	SPECIFICATIONS	ASTM C 91 Type N		RESULTS
(ASTM C 430) 45-um sieve, % retained	Maximum	24		**6**
(ASTM C 151) Autoclave Expansion, %	Maximum	1.0		**0.12**
(ASTM C 266) Time of Setting (Gillmore)				
Initial Set, minutes	Minimum	120		**240**
Final Set, minutes	Maximum	1000		**330**
(ASTM C 185) Air Content, %	Range	8-21		**19**
(ASTM C 1506) Water Retention	Minimum	70		**83**
(ASTM C 109) Compressive Strength, psi (Mpa)				
7 Day	Minimum	500 (3.4)		**1730 (11.9)**
28 Day	Minimum	900 (6.2)		**1970 (13.6)**

'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, KL, NM

Rusty Strader
Quality Control Manager
Fairborn Cement Company