



Central Plains Cement Company

Cement Mill Test Report

Month of Issue: October 2018

Plant: Tulsa, OK
Product: Masonary Cement Type N
Silo: 7
Manufactured: September 2018

ASTM C 91-12 Standard Requirements

Item	Spec limit	Test Result
Fineness, Residue retained on a 45 um sieve (%)	24 max	8
Autoclave expansion (%)	1.0 max	-0.02
Time of setting, Gillmore method: Initial set, minutes	120 min 1000 max	225
Compressive strength (MPa, PSI) 7 days 28 days (Reflects previous month's data)	500 min 900 min	1010 Pending
Air content of mortar (%)	8 min 21 max	20
Water Retention (% of original flow)	70 min	82

We certify that the above described cement, at the time of shipment, meets the requirements of ASTM C 91-12.

Certified By:



John Tierney

October 11, 2018

Central Plains Cement Co. LLC - Tulsa Plant

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