



Midlothian Cement
245 Ward Road, Midlothian, TX 76065

Cement: Class C (MSR) Date: February 22, 2023

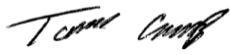
Production Period: 2/17-2/19/23

Grind Number: 292M

Silo(s): 24

Chemical Requirements:	Spec. Limit	Test Result	Physical Requirements:	Spec. Limit	Test Result
MgO, (%)	6.0	1.0	Average Fineness (Blaine), (m ² /kg)	400 min	408
SO ₃ , (%)	3.5	3.3	Compressive Strength (psi):		
Loss on Ignition, (%)	3.5	3.4	8 Hour Curing 100F	300 min	1020
Insoluble Residue, (%)	1.5	0.4	24 Hour Curing 100F	2000 min	2490
Tricalcium Aluminate (C3A), % ^A	8	7.1	Thickening Time (Schedule 4 -minutes)	90 min	92
Limestone, (%)		3.8	Maximum Consistency (15min to 30 min stirring period)	30 max	8
CaCO ₃ in Limestone, (%)	75 min	100			

^A Corrected for limestone as per ASTM C150, Annex A1

Signature: 
Title: Area Quality Control Manager

Date: 02/22/23

We certify that the above described cement, at the time of shipment meets the performance specification of API Spec 10A for Class C (MSR) cement.