



GCC of America

Cherry Creek Plaza 1, 600 S. Cherry St, 10th Floor, Glendale, CO 80246
 Sales (303) 739-5900 Customer Service (800) CALL GCC

Plant:Tijeras
PO Box 100
Tijeras, NM 87059
Contact: Krishna Malay
(505) 286-6027

Cement Type: Class C HSR Oilwell
Date Issued: 15-Aug-19
Production period ending: 7/01/2019 - 7/31/2019
Monthly Average

STANDARD REQUIREMENTS API (SPEC 10A)

	Spec.	Test
Item	Limit	Result
MgO (%)	6.0 max.	3.7
SO ₃ (%)	3.5 max.	3.1
Loss of Ignition (%)	3.0 max.	1.8
Insoluble residue (%)	0.75 max.	0.20
Equivalent alkalis (%)	N.R.	0.50

Potential Compounds	%	
C ₃ S	N.R.	66
C ₃ A	3 max	2.1

	Spec.	Test
Item	Limit	Result
Blaine fineness (m ² /kg) minimum	N.R.	470
Mix Water (mass fraction of cement)	56%	56
Compressive strength		
	MPa (psi)	
8 hr.,100deg. F., Min	2.1 (300)	6.8 (967)
24 hr.,100deg. F., Min	13.8 (2000)	22.2 (3227)
Schedule 4		
Maximum Consistency Bc (15 - 30 min)	30	6
Thickening time. (minutes) @ 70 Bc	(B)	120
Thickening time. (minutes) @ 100 Bc	90 min.	133

A Not applicable.
 B Limit not specified by purchaser. Test result provided for information only.
 N.R. No Requirement
 NA : Not available

At the time of shipment, the cement referenced on this mill test certificate complies with the current standard API 10A specifications using applicable standard testing procedures.