



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 G HSR Oilwell
Date Issued: 15-Aug-19
Production period ending: 06/01/2019 to 06/30/2019
Monthly Average

STANDARD REQUIREMENTS API (SPEC 10A)

	Spec.	Test
Item	Limit	Result
MgO (%)	6.0 max.	4.0
SO ₃ (%)	3.5 max.	2.8
Loss of Ignition (%)	3.0 max.	1.3
Insoluble residue (%)	0.75 max.	0.09
Equivalent alkalis (%)	N.R.	0.59

Potential Compounds	%	
C ₃ S	N.R.	63
C ₃ A	3 max	2.4

	Spec.	Test
Item	Limit	Result
Blaine fineness (m ² /kg) minimum	N.R.	257
Mix Water (mass fraction of cement)	44%	44
% Free Fluid content (max)	5.9	6.4
Compressive strength		MPa (psi)
8 hr.,100deg. F., Min	2.1 (300)	4.1 (590)
8 hr.,140deg. F., Min	10.3 (1500)	14.6 (2130)
Schedule 4		
Maximum Consistency Bc (15 - 30 min)	30	5
Thickening time. (minutes) @ 70 Bc	(B)	98
Thickening time. (minutes) @ 100 Bc	90 min.	113

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.