



Cement Mill Test Report

Plant:
Product:
Mill Test Report #
Manufactured:

Kamloops, British Columbia
Portland Cement Type GUL
Kamloops_Type GUL_9_26
August 2026

CSA A3001-23 Standard Requirements

CHEMICAL ANALYSIS			PHYSICAL ANALYSIS		
Item	Spec limit	Test Result	Item	Spec limit	Test Result
Rapid Method, X-Ray			Air content of mortar (%) (C 185)	---	6.8
SiO ₂ (%)	---	21.4	Blaine Fineness (m ² /kg)	---	529
Al ₂ O ₃ (%)	---	5.2	Retained 45 um (%)		1.6
Fe ₂ O ₃ (%)	---	3.5			
CaO (%)	---	66.0	Compressive strength (MPa)		
MgO (%)	---	0.9	3 days	14.5 min	29.5
SO ₃ (%)	3.0 max*	3.3	7 days	20.0 min	37.0
Loss on ignition @ 950 (%)	10.0 max	4.5	28 days (Reflects previous month's data)	26.5 min	45.3
Insoluble residue (%)	---	0.70	Time of setting (minutes)		
Free Lime (%)	---	1.0	Vicat Initial	45-375	119
Inorganic Process Addition (%)		0.0	Sulphate Resistance (C6)	---	0.05
Potential Phase Composition			A30004-C5	0.020 Max	0.00
C3A%	---	7	Cement Density		3.11
CSA A3001 Optional Chemical Requirements					
NaEq (Alkali) (%)		0.56			

* May exceed 3.0% SO₃ maximum based on our A3004-C5 results of <0.020% expansion at 14 days.

We certify that the above described cement, at the time of shipment, meets the chemical and physical requirements of CSAS A3001 Type GUL

Western BU
5400 W Marginal Way SW
Seattle, WA 98106

Questions or enquiries can be directed to Paul Deram

Paul Deram
Amrize - Technical Services Engineer
7591 #9 Road, Richmond, BC, V6W 0A6 Canada
C +1 604 328 7793
E paul.deram@amrize.com

Certified By:

Robert Shogren
Technical Director
9/1/2026