



STRENGTHENING
RWANDA

QUALITY CONTROL

CEMENT TEST CERTIFICATE

Doc No: CMR/MSF/QAS/FRM/033

Cement Type	Pozzolanic Cement
Cement Class	CEM IV/B(P) 32.5N
Date	10/2025

Cement Chemical Characteristics	Obtained results (average)	Specifications according EAS18-1: 2017		
% LOI	1.36	NA		
% SO ₃	1.99	≤ 3.5 %		
% Cl	0.02	≤ 0.10 %		
%SiO ₂	%Al ₂ O ₃	%Fe ₂ O ₃	%CaO	%MgO
27.80	7.12	9.70	40.32	3.17

Cement Physical Characteristics	Obtained results (average)	Specifications according EAS18-1: 2017
Initial Setting time (min)	227	≥75 minutes
Final Setting time (min)	362	NA
Expansion by Le Chatelier (mm)	0.33	≤ 10 mm
Blaine(cm ² /g)	4040	NA
%Residue (32μm)	5.76	NA

Compressive Strength	Obtained results (average)	Specifications according EAS18-1: 2017
2 days (Mpa)	11.16	NA
7 days (Mpa)	21.01	≥16 Mpa
28 days (Mpa)	32.95	≥32.5Mpa≤42.5Mpa

Done at Cimerwa Plc - Musanze on 19/12/2025

Quality Assurance Manager

C.C: Plant Head



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