

Cement Test Certificate

Ref: AYCC/QC/Spec/EN/CEMII/42.5/01

Brand Name: Hadhramout Cement

Manufacturing Date: (01-30)/06/2026

Type: Portland Pozzolana Cement

Date of Issue: 02/07/2026

Code: EN 197-1 - CEM II/A-P 42.5N

Chemical Tests	Unite	Typical Analysis	Standard Requirements	
			Min.	Max.
Silicon dioxide (SiO ₂)	%	24.44	-	-
Aluminum Oxide (Al ₂ O ₃)	%	6.82	-	-
Ferric Oxide (Fe ₂ O ₃)	%	6.12	-	-
Calcium Oxide (CaO)	%	> 52.00	-	-
Magnesium Oxide (MgO)	%	<2.50	-	5.00
Potassium Oxide (K ₂ O)	%	<0.40	-	-
Sodium Oxide (Na ₂ O)	%	<0.80	-	-
Sulphuric anhydride (SO ₃)	%	2.25	-	3.50
Chloride (Cl)	%	0.02	-	0.10
Loss on Ignition (L.O.I.)	%	< 3.50	-	-
Insoluble Residue (I.R.(KOH))	%	< 2.80	-	-
Tricalcium Aluminate (C ₃ A)	%	7.72	-	-
Tetracalciumaluminoferrite (C ₄ AF)	%	18.62	-	-

Physical Tests	Unite	Typical Analysis	Standard Requirements	
			Min.	Max.
Fineness, Specific surface	Blaine	M ² /kg	≥400	-
Setting Time	Initial	Minutes	≤ 170	60
	Final	Minutes	≤ 240	-
Soundness	Le Chatelier	mm	≤ 1.0	10
Compressive Strength	2 Days	MPa	16±1	10
	7 Days	MPa	27±1	-
	28 Days	MPa	45±1	42.5 62.5

Cement conforms to all requirements of (EN 197-1 - CEM II/A-P 42.5N) standers at the time of dispatch.



Quality Control Manager

[Signature]