



مصنع الحياة للاسمنت ذ.م.م AL HAYAT CEMENT FACTORY L.L.C

QUALITY TEST CERTIFICATE

PRODUCT: PORTLAND LIMESTONE CEMENT (PLC) BAGS CEMENT

BRAND: EMIRATES

Tested in accordance with BS EN 197 - 1 : 2011 - CEM II / B-L 32.5 N

Date of Sampling: 16.03.2025 to 22.03.2025

Date: 21.04.2025

CHEMICAL ANALYSIS			PHYSICAL TESTS		
	Requirement	Results %		Requirement	Results
Loss of Ignition (LOI)		6.80	<u>Fineness (m²/kg)</u> <u>(Air permeability method)</u>	Not specified	386
Insoluble Residue (IR)		1.25	<u>Setting Time (Minutes)</u> <u>(Vicat)</u>		
Silicon Dioxide (SiO ₂)		17.57	<u>Initial</u>	Minimum 75	207
Aluminum Oxide (Al ₂ O ₃)		4.40	<u>Final</u>	Not specified	235
Ferric Oxide (Fe ₂ O ₃)		3.01	<u>Soundness(mm)</u>		
Calcium Oxide (CaO)		59.52	<u>Le Chatelier</u>	Maximum 10	0.50
Magnesium Oxide (MgO)	Maximum 5.0%	1.60	<u>Compressive Strengths</u> <u>N/mm² (Mortar Prism)</u>		
Sulphur Trioxide (SO ₃)	Maximum 3.5%	1.66	<u>2 Days</u>	Not specified	13.70
TOTAL Alk. as Na ₂ O		0.50	<u>7 Days</u>	Minimum 16	29.60
CI	Maximum 0.10%	0.01	<u>28 Days</u>	32.5 - 52.5	38.50

For Al Hayat Cement Factory LLC

Dy.Works Manager

*Additional information can be supplied upon request



Ph : +971 6 767 0772
Mob : +971 50 524 5773

admin@alhayatcement.com
www.alhayatcement.com

New Industrial Area I
Umm Al Thoub I Umm Al Quwain I
PO Box 1562 I UAE



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ISO 14001:2015 CERTIFIED
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