



شركة الإسمنت الوطنية ش.م.ع.
National Cement Co. p.s.c.

CEMENT TEST CERTIFICATE

CEMENT TYPE : MODERATE SULPHATE RESISTING PORTLAND CEMENT
COMPLYING WITH ASTM C-150 TYPE II - 2020
PRODUCTION DATE : MONTH OF AUGUST-2025

I. CHEMICAL COMPOSITION

CHARACTERISTICS	UNIT	REQUIREMENTS		VALUE OBTAINED
		LOWER LIMIT	UPPER LIMIT	
LOSS ON IGNITION (LOI)	%	N.S.	3.00	2.70
SILICON DIOXIDE (SiO ₂)	%	N.S.	N.S.	20.30
ALUMINIUM OXIDE (Al ₂ O ₃)	%	N.S.	6.00	4.80
FERRIC OXIDE (Fe ₂ O ₃)	%	N.S.	6.00	3.30
MAGNESIUM OXIDE (MgO)	%	N.S.	6.00	1.70
SULPHUR TRIOXIDE (SO ₃)	%	N.S.	3.00	2.50
INSOLUBLE RESIDUE (I.R.)	%	N.S.	1.50	0.36
TRICALCIUM ALUMINATE "C3A"	%	N.S.	8.00	7.10
TOTAL ALKALI (Na ₂ O+0.658K ₂ O)	%	N.S.	0.60 (OPTIONAL)	0.58

II. PHYSICAL TESTS

FINENESS: SPECIFIC SURFACE AIR PERMEABILITY TEST "BLAINE"	M ² /KG	260.00	N.S.	308
SOUNDNESS: AUTOCLAVE EXPANSION	%	N.S.	0.80	0.03
SETTING TIME: <u>VICAT TEST</u> INITIAL SETTING TIME FINAL SETTING TIME	min min	45.00 N.S.	N.S. 375.00	125 215
STRENGTH: (MORTAR CUBES) COMPRESSIVE STRENGTH 3 DAYS 7 DAYS 28 DAYS	N/mm ² N/mm ² N/mm ²	10.00 17.00 28.00 (OPTIONAL)	N.S. N.S. N.S.	24.80 28.30 38.10

AL₂O₃ IS EXPRESSED AS THE PURE OF AL₂O₃.

We certify that the cement is from fresh stock, newly manufactured and complies from the chemical and physical points of view with **ASTM C-150 TYPE II - 2020**.

Date: 02.10.2025

Form: WLF-10-D DT.1.1.96 Rev.1

Distribution : SM/CUSTOMER

File: CWL/SM

Commercial Registration No. 41150

Vat Registration No. 100025345800003

Authorised and paid up Share Capital
A E D 3 5 8 , 8 0 0 , 0 0 0

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(AHMED ALFATIH D. MOHAMED)
CHIEF OF WORKS LABORATORY



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سجل تجاري رقم ٤١١٥٠

رقم الضريبة القيمة المضافة: ١٠٠٠٢٥٣٤٥٨٠٠٠٠٣

رأس المال المصرح به والمدفوع ٣٥٨,٨٠٠,٠٠٠ درهم

ص.ب: ٤٠٤١ دبي - الإمارات العربية المتحدة

هاتف: ٣٣٨٨٨٨٥-٤-٩٧١، فاكس: ٣٣٨٨٨٨٦-٤-٩٧١