



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

CEMENT TEST CERTIFICATE

CEMENT TYPE : PORTLAND CEMENT
COMPLYING WITH ASTM C-150 TYPE I - 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
MAGNESIUM OXIDE (MgO)	%	N.S.	6.00	1.70
SULPHUR TRIOXIDE(SO ₃)	%	N.S.	3.00	2.50
WHEN C3A IS 8 % OR LESS	%	N.S.	3.50	-
WHEN C3A IS MORE THAN 8%	%	N.S.	1.50	0.36
INSOLUBLE RESIDUE (I.R.)	%	N.S.	0.60	0.58
TOTAL ALKALI(NA ₂ O+0.658K ₂ O)	%	N.S.	(OPTIONAL)	
TRICALCIUM ALUMINATE(C3A)	%	N.S.	N.S.	7.10

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	12.00 19.00 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 I - 2020**.



Date: 02.10.2025

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

Distribution : CUSTOMER/SM

File : CWL/SM

(AHMED ALFATIH D.MOHAMED)
CHIEF OF WORKS LABORATORY

Commercial Registration No. 41150
Vat Registration No. 100025345800003
Authorised and paid up Share Capital
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سجل تجاري رقم ٤١١٥٠
رقم الضريبة القيمة المضافة: ١٠٠٠٢٥٣٤٥٨٠٠٠٠٣
راس المال المصرح به والمدفوع ٣٥٨,٨٠٠,٠٠٠ درهم
ص.ب: ٤٠٤١ دبي - الإمارات العربية المتحدة
هاتف: ٣٣٨٨٨٨٥ - ٤ - ٩٧١, فاكس: ٣٣٨٨٨٨٦ - ٤ - ٩٧١