

Ministry of Works



وزارة الأشغال
والمحافظة

MED/BML/L-048/24

Wednesday, February 7, 2024

AL MANARTAIN COMPANY AND ALI
ALSHEAB GROUP W.L.L
Flat 1, Bldg 221, Road 389, Block 357, Al
Burhama
Kingdom of Bahrain

Dear Sirs,

CONCRETE MIX COMPLIANCE
CERTIFICATE NO. 506
MIX REFERENCE NO. 30/OPCSC/PWA

Thank you for your letter, dated Sunday, 04 February 2024, enclosing production results of your mix reference **30/OPCSC/PWA** of Grade 30 N/mm² OPC. I enclose herewith the renewal certificate of this mix.

Yours faithfully,

Amal A. Nabi Abdulla Khalaf
Director,
Materials Engineering Directorate

cir, 180, 1100-5 MTR

cc: Building Materials and Chemical Analysis Laboratory Section, MED
QMS – H.P.C&M.D., Ministry of Housing

MED APPROVED



Certificate No: 506

Control No: 20240206-00782

RENEWAL OF COMPLIANCE CERTIFICATE
READY MIXED CONCRETE**Company : AL MANARTAIN COMPANY AND ALI ALSHEAB GROUP
W.L.L****MOW Mix designation : C30/10 OPC**
Ministry of Housing designation : C30/10 OPC
Suppliers Mix reference No. : 30/OPCSC/PWA

Test results from the normal production of this mix are been examined and assessed. These results demonstrate continued compliance with specified requirements.

The analysis details and current margin are as given below.

Sampling period	01/12/2023 to 05/01/2024	
No. of test results	49	
Mean Strength	42.6	N/mm ²
Standard Deviation	1.89	N/mm ²
Current Margin	3.0	N/mm ²

Note: The declared standard deviation as per enclosed statistical summary is skeptical.

The supplier code for this mix is **30/OPCSC/PWA**. This reference code must be quoted on each delivery ticket.

Compliance Certificate **No. 506** is valid for a period of one year from the date of issue or as the date stated below.

Date of issue : 07/02/2024
Date of expire : 28/02/2025**Ahmed Yusuf Al-Hadi**
Chief, Building Materials & Chemical Analysis Laboratory



Certificate No: 506

Control No: 20240206-00782

COMPLIANCE CERTIFICATE
READY MIXED CONCRETE

Company: AL MANARTAIN COMPANY AND ALI ALSHEAB GROUP W.L.L

MOW Mix designation : C30/10 OPC
Ministry of Housing designation : C30/10 OPC
Suppliers Mix reference No : 30/OPCSC/PWA

MIX DESIGN DETAILS				
Materials	Type	Source	Quantity	Units
10 mm Aggregate	Limestone U.A.E.	UCO Marine	1160	Kg/m ³
0-5mm Aggregates	Limestone U.A.E.	UCO Marine	200	Kg/m ³
Marine Sand	Washed Marine Sand	Sand Washing Plant	550	Kg/m ³
Cement	OPC	Saudi Cement Co.	310	Kg/m ³
Water	Deionized	R.O Plant	160	l/m ³
Admixtures	ISOLA PS-9	ISOLA	3.6	Kg/m ³
	ISOLA BT-65	ISOLA	3.637	Kg/m ³

Date of first issue : 01/03/2017

Date of expire : 28/02/2025

"The Contractor shall forward full details of the mix to the S.O. for approval. When the mix has been approved, no variations shall be made in the proportions, the original source of the cement and aggregates or in the type, size and grading zone of the latter without the consent of the S.O. who may require further tests to be made."

This concrete mix certificate is considered withdrawn if the approval of cement, PFA and micro silica sources are not renewed and/or removed from the current MED, list of approved manufacturers of cement, PFA and micro silica. Likewise, it is at suspension if the aggregates materials are not in compliance with present MOW Standard Specification, the status is in the issued up to date status summary.

MED APPROVED

Ahmed Yusuf Al-Hadi

Chief, Building Materials & Chemical Analysis Laboratory

**COMPLIANCE CERTIFICATE**
READY MIXED CONCRETE**Company: AL MANARTAIN COMPANY AND ALI ALSHEAB GROUP W.L.L****MOW Mix designation : C30/10 OPC**
Ministry of Housing designation : C30/10 OPC
Suppliers Mix reference No. : 30/OPCSC/PWA

QUALITY CONTROL TEAM		
POSITION	NAME	TELEPHONE
Technical Manager	Adel Abbas Ebrahim	17590097 - C/P 36055350
Quality Control Engineer	Ahmed Husham	36895369
Plant Operator 1	Vinod Sivadasan	17701205
Plant Operator 2	Pradeepa Kumar	17701205
Mat. Technician	Ammar Jaafer Salman	17701205
Mat. Technician	Husain Ali Marzooq	17701205
Mat. Technician	Ahmed Abdulla	36895534
Mat. Technician	Sumesh Pullayikkodi	36895515
Mat. Technician	Aswin Raj Ganesan	17701205
Mat. Technician	Narayanan Melaparambath	17701205
Mat. Technician	Sarin Chandran Pullaikodi	17701205
Mat. Technician	Abdulhameed Jawad	36055374

Your attention is drawn to Clause B. Stage 2 of The Materials Engineering Directorate quality assurance procedures for suppliers.

“Random inspection and sampling including reviews of production controls and engineering support.”

MED APPROVED**Ahmed Yusuf Al-Hadi****Chief, Building Materials & Chemical Analysis Laboratory**