



MED/BML/L-048/23

Sunday, February 5, 2023

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. 191
MIX REFERENCE NO. 45/SRC/PWA

Thank you for your letter reference, dated Thursday, 05 January 2023, enclosing production results of your mix reference **45/SRC/PWA** of Grade 45 N/mm² SRC. 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: 191

Control No: 20230205-00606

RENEWAL OF COMPLIANCE CERTIFICATE
READY MIXED CONCRETE

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

MOW Mix designation : 45/20/SRC
 Ministry of Housing designation : 45
 Suppliers Mix reference No. : 45/SRC/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	17/11/2022 to 01/12/2022	
No. of test results	48	
Mean Strength	65.8	N/mm ²
Standard Deviation	2.91	N/mm ²
Current Margin	3.0	N/mm ²

Note ¹: Previous Suppliers Mix reference No. was MAYS45.

The supplier code for this mix is **45/SRC/PWA**. This reference code must be quoted on each delivery ticket.

Compliance Certificate No. **191** is valid for a period of one year from the date of issue or as the date stated below.

Date of issue : 05/02/2023
 Date of expire : 07/01/2024

Ahmed Yusuf Al-Hadi

A/Chief, Building Materials & Chemical Analysis Laboratory



Certificate No: 191

Control No: 20230205-00606

COMPLIANCE CERTIFICATE
READY MIXED CONCRETE

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

MOW Mix designation : 45/20/SRC
 Ministry of Housing designation : 45
 Suppliers Mix reference No : 45/SRC/PWA

MIX DESIGN DETAILS				
Materials	Type	Source	Quantity	Units
20 mm Aggregate	Limestone U.A.E.	UCO Marine	820	Kg/m ³
10 mm Aggregate	Limestone U.A.E.	UCO Marine	470	Kg/m ³
0-5mm Aggregates	Limestone U.A.E.	UCO Marine	175	Kg/m ³
Marine Sand	Washed Marine Sand	Sand Washing Plant	350	Kg/m ³
Cement	SRPC	Falcon Cement Co	380	Kg/m ³
Water	Deionized	R.O Plant	152	l/m ³
Admixture	P9	CORMIX	3.0	Kg/m ³

Date of first issue : 08/01/2001

Date of expire : 07/01/2024

"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 been 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 compliance with present MOW Standard Specification, the status is in the issued up to date status summary.

MED APPROVED

Ahmed Yusuf Al-Hadi

A/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 : 45/20/SRC
Ministry of Housing designation : 45
Suppliers Mix reference No. : 45/SRC/PWA

QUALITY CONTROL TEAM		
POSITION	NAME	TELEPHONE
Technical Manager	Adel Abbas	17 590097 - 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

A/Chief, Building Materials & Chemical Analysis Laboratory