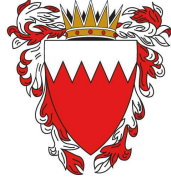


Ministry of Works



وزارة الأشغال

MED/BML/L-045/24

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. 192**  
**MIX REFERENCE NO. 35/OPC/PWA**

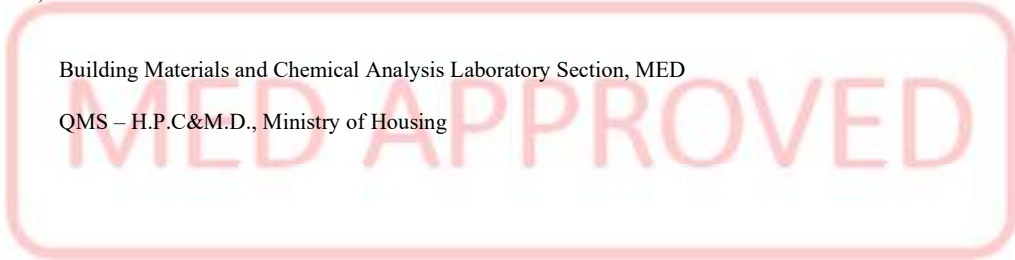
Thank you for your letter, dated Sunday, 04 February 2024, enclosing production results of your mix reference **35/OPC/PWA** of Grade 35 N/mm<sup>2</sup> OPC. I enclose herewith the renewal certificate of this mix.

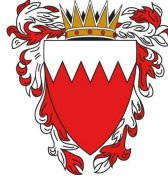
Yours faithfully,

***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





Certificate No: 192

Control No: 20240205-00781

**RENEWAL OF COMPLIANCE CERTIFICATE**  
**READY MIXED CONCRETE**

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

**MOW Mix designation** : 35/20/OPC  
**Ministry of Housing designation** : 35  
**Suppliers Mix reference No.** : 35/OPC/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.

<b>Sampling period</b>	02/11/2023 to 21/11/2023	
<b>No. of test results</b>	38	
<b>Mean Strength</b>	58.4	N/mm <sup>2</sup>
<b>Standard Deviation</b>	2.85	N/mm <sup>2</sup>
<b>Current Margin</b>	3.0	N/mm <sup>2</sup>

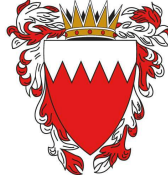
*Note<sup>1</sup>: Previous Suppliers Mix Reference No. was MAYO35.*

The supplier code for this mix is **35/OPC/PWA**. This reference code must be quoted on each delivery ticket.

Compliance Certificate **No. 192** 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** : 07/01/2025

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



Certificate No: 192

Control No: 20240205-00781

**COMPLIANCE CERTIFICATE**  
**READY MIXED CONCRETE**

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

MOW Mix designation : 35/20/OPC  
 Ministry of Housing designation : 35  
 Suppliers Mix reference No : 35/OPC/PWA

MIX DESIGN DETAILS				
Materials	Type	Source	Quantity	Units
20 mm Aggregate	Limestone U.A.E.	UCO Marine	840	Kg/m <sup>3</sup>
10 mm Aggregate	Limestone U.A.E.	UCO Marine	480	Kg/m <sup>3</sup>
0-5mm Aggregates	Limestone U.A.E.	UCO Marine	190	Kg/m <sup>3</sup>
Marine Sand	Washed Marine Sand	Sand Washing Plant	370	Kg/m <sup>3</sup>
Cement	OPC	Saudi Cement Co.	350	l/m <sup>3</sup>
Water	Deionized	R.O Plant	148	Kg/m <sup>3</sup>
Admixture	P9	CORMIX	2.5	Kg/m <sup>3</sup>

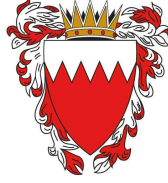
Date of first issue : 08/01/2001  
 Date of expire : 07/01/2025

"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** : 35/20/OPC  
**Ministry of Housing designation** : 35  
**Suppliers Mix reference No.** : 35/OPC/PWA

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

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**