



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

6428
 Dr. M. Mazhar

To: Mr. Muazzam Jamil Malik
 Senior Program Officer- (ID), Punjab Municipal Development Fund Company

Project: Punjab Cities Program (PCP)- PMDFC Rehabilitation / Improvement of Road in MC Muridke

Our Ref. No. CL/CED/ 3805-1 of 2

Dated: 27/12/2023

Test Specification

Your Ref. No. PMDFC/PCP/ID/6012/1223

Dated: 19/12/2023

(----)

COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 21/12/2023 Tested on: 27/12/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3690	29.64	97	7331	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3765	29.64	95	7179	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3685	29.64	99	7482	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3770	29.64	115	8691	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3675	29.64	109	8238	---	---
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3640	29.64	99	7482	---	---
7	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3695	29.64	83	6273	---	---
8	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3585	29.64	117	8842	---	---
9	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3735	29.64	109	8238	---	---
10	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3645	29.64	107	8086	---	---
11	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3710	29.64	117	8842	---	---
12	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3680	29.64	91	6877	---	---
13	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3835	29.64	99	7482	---	---
14	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3655	29.64	101	7633	---	---
15	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3690	29.64	119	8993	---	---
16	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3655	29.64	111	8389	---	---

Witnessed by: Mr. Sadat Waleed, CRE JERS; Mr. Shahrayar Khan, Assistant Director (I&S) & DG (I&M); Mr. Abdul Consultant JERS

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Our Ref. No. CL/CED/ 3805-2 of 2

Dated: 27/12/2023

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Your Ref. No. PMDFC/PCP/ID/6012/1223

Dated: 19/12/2023

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COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 21/12/2023 Tested on: 27/12/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3650	29.64	107	8086	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Sadat Waleed, CRE JERS; Mr. Shahrayar Khan, Assistant Director (I&S) & DG (I&M); Mr. Abdul Consultant JERS

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports/1/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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6441
 Dr. M. Mazhar

To: Sub Divisional Officer
 Building Sub Division No. 2, Lahore

Project: Correctional Facilities Revamping Program One at Central Jail, Lahore (NRP) ADP No. 3697/2023-24

Our Ref. No. CL/CED/ 3806

Dated: 27/12/2023

Test Specification

Your Ref. No. No. 1830

Dated: 20/12/2023

(----)

COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 26/12/2023 Tested on: 27/12/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2790	30.42	127	9352	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2815	30.42	148	10898	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2780	30.42	166	12224	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2775	30.42	154	11340	---	---
5	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2775	30.42	140	10309	---	---
6	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2775	30.42	144	10604	---	---
7	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2830	30.42	125	9204	---	---
8	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2840	30.42	93	6848	---	---
9	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2755	30.42	115	8468	---	---
10	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2790	30.42	123	9057	---	---
11	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2825	30.42	135	9941	---	---
12	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2735	30.42	105	7732	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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To: Mr. SADAT WALEED ANSARI
 Chief Resident Engineer/TL, JERS CONSULTANY (PVT) Ltd
 Project: Punjab Cities Program (PCP)- PMDFC. Construction of SWM Vehicle Parking Area and Rehabilitation & Improvement of Roads and Chowks in MC Jaranwala.
 Our Ref. No. CL/CED/ 3807-1 of 2 Dated: 27/12/2023
 Your Ref. No. 488-J01-11/CS/PS-08 Dated: 07-12-23

Test Specification
 (----)

COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: **20/12/2023** Tested on: **27/12/2023** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3890	29.64	101	7633	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.2	---	3705	30.42	87	6406	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.2	---	3835	30.42	105	7732	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.2	---	3690	30.42	74	5449	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3800	29.64	93	7028	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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To: Mr. SADAT WALEED ANSARI
 Chief Resident Engineer/TL, JERS Consultancy (Pvt) Ltd.
 Project: Punjab Cities Program (PCP)-PMDFC - Construction of SWM Vehicle Parking Area and Rehabilitation & Improvement of Roads and Chowks in MC Jaranwala
 Our Ref. No. CL/CED/ 3807-2 of 2 Dated: 27/12/2023
 Your Ref. No. 488-J01-11/CS/PS-08 Dated: 07-12-23

Test Specification
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COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: Tested on: in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4750	36.39	180	11080	---	---
2	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4735	36.39	166	10218	---	---
3	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4830	36.39	115	7079	---	---
4	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4630	36.39	111	6833	---	---
5	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4800	36.39	174	10711	---	---
6	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4600	36.39	170	10464	---	---
7	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4800	36.39	106	6525	---	---
8	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4750	36.39	115	7079	---	---
9	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4650	36.39	131	8064	---	---
10	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4700	36.39	115	7079	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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To: Mr. SADAT WALEED ANSARI
Chief Resident Engineer/TL, JERS Consultancy (Pvt) Ltd
Project: Punjab Cities Program (PCP)-PMDFC - Improvement & Rehabilitation of P-1 Jinnah Road & P-6 Zoo Road in Vehari City
Our Ref. No. CL/CED/ 3808 Dated: 27/12/2023
Your Ref. No. 488-J01-102-13-01/CS/06 Dated: 20/12/2023

Test Specification
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COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 20/12/2023 Tested on: 27/12/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4565	37.44	107	6402	---	---
2	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4415	37.44	119	7120	---	---
3	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4690	37.44	97	5803	---	---
4	Uni-Block, Red, 80mm	---	---	---	3.2 thick	---	4510	37.44	125	7479	---	---
5	Uni-Block, Red, 80mm	---	---	---	3.2 thick	---	4455	37.44	117	7000	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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 Dr. M. Mazhar

To: Mr. SADAT WALEED ANSARI
 Chief Resident Engineer/TL, JERS Consultancy (Pvt) Ltd.
 Project: Punjab Cities Program (PCP)-PMDFC - Improvement & Rehabilitation of P-1 Gojra Toba Road in MC Gojra
 Our Ref. No. CL/CED/ 3809 Dated: 27/12/2023
 Your Ref. No. 488-J01-102-12-01/CS/07 Dated: 14/12/2023

Test Specification
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COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: **14-12-23** Tested on: **27/12/2023** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4820	37.44	131	7838	---	---
2	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4505	37.44	91	5444	---	---
3	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4735	37.44	123	7359	---	---
4	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4450	37.44	113	6761	---	---
5	uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4580	37.44	115	6880	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: **Mr. Sadat Waleed, CRE JERS Consultancy**

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Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

6410
 Dr. M. Mazhar

To: Mr. SAAD KHAN (ARE)
 JERS Consultancy (Pvt) Ltd.

Project: Construction of SWM Parking Area in MC Gojra

Our Ref. No. CL/CED/ 3810

Dated: 27/12/2023

Test Specification

Your Ref. No. 488-J01-ARE/GJR/PS/01

Dated: 08-12-23

(----)

COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 19/12/2023 Tested on: 27/12/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4725	37.44	117	7000	---	---
2	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4630	37.44	129	7718	---	---
3	Uni-Block, Red, 80mm	---	---	---	3.2 thick	---	4550	37.44	131	7838	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Sadat Waleed, CRE JERS; Mr. Ghulam Murtaza PO (ID)

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
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 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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6410
 Dr. M. Mazhar

To: Mr. SAAD KHAN (ARE)
 JERS Consultancy (Pvt) Ltd

Project: Construction of Roads P3 Samundri Hussnia Colony, Ansar Colony Road and P4 Chemni peer road in MC Gojra City

Our Ref. No. CL/CED/ 3811

Dated: 27/12/2023

Test Specification

Your Ref. No. 488-J01-ARE/GJR/RD/03

Dated: 08-12-23

(----)

COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 19/12/2023 Tested on: 27/12/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4625	37.44	129	7718	---	---
2	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4680	37.44	111	6641	---	---
3	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4650	37.44	107	6402	---	---
4	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4805	37.44	172	10291	---	---
5	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4895	37.44	220	13162	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Sadat Waleed, CRE JERS; Mr. Ghulam Murtaza PO (ID)

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