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.

9373
Dr. M. Mazhar

To: A.R.E
Package V MMP-PCP, Okara. MM Pakistan (Pvt) Ltd.

Project: Improvement & Construction of Roads and Chowks (PCP) in Okara City.

Our Ref. No. CL/CED/ 8204 **Dated:** 08/05/2025 **Test Specification**

Your Ref. No. MMP/PCP/MCO/399/2025 **Dated:** 28/04/2025 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 02/05/2025 **Tested on:** 08/05/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Uni Block, Red, 80mm	---	---	---	3.1 thick	---	4580	37.44	123	7359	---	---
2	Uni Block, Red, 80mm	---	---	---	3.1 thick	---	4740	37.44	129	7718	---	---
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Witnessed by: Mr. Waseem Ahmed Hashmi, R.E, MMP-PCP, Package-V, Okara. Mr. Javed Iqbal Bhatti, Contractor.

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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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ORIGINAL
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9383
Dr. Umbreen

To: Ms. Amna Iftikhar
100-B-III Gulberg III Lahore.

Project: Nil

Our Ref. No. CL/CED/ 8205 **Dated:** 08/05/2025

Your Ref. No. CT/FF/14 **Dated:** 07/05/2025

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 08/05/2025 **Tested on:** 08/05/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Slab Over 1st Floor	28	3	2025	6Diax12	---	13.8	28.28	63	4990	---	Non Engraved
2	Slab Over 1st Floor	28	3	2025	6Diax12	---	13.6	28.28	46	3644	---	Non Engraved
3	Slab Over 1st Floor	28	3	2025	6Diax12	---	13.6	28.28	42	3327	---	Non Engraved
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

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ORIGINAL
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9377
Dr. Umbreen

To: Mr. Roaid Mumtaz
Manager Civil Department, Nishat Mills Ltd.

Project: Construction of Compressor Room U-29, 22 Km off Ferozepur Road, 5-km Nishat Avenue Lahore.

Our Ref. No. CL/CED/ 8206 **Dated: 08/05/2025** **Test Specification**

Your Ref. No. Nil **Dated: 30/04/2025** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05/05/2025 **Tested on:** 08/05/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Slab & Beams 1~4/A~C (C-20)	29	3	2025	6x6x6	---	8.2	36	54	3360	---	Non Engraved
2	Slab & Beams 1~4/A~C (C-20)	29	3	2025	6x6x6	---	8.4	36	54	3360	---	Non Engraved
3	Slab & Beams 1~4/A~C (C-20)	29	3	2025	6x6x6	---	8.2	36	52	3236	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

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ORIGINAL
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9382
Dr. Umbreen

To: Engr. Tajammal Farooq
Project Manager, AZ Engineering Associates.

Project: Construction of Boundary Wall at Bhikki Power Plant Sheikh Pura.

Our Ref. No. CL/CED/ 8207 Dated: 08/05/2025 **Test Specification**

Your Ref. No. AZE/32005 Dated: 06/05/2025 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 06/05/2025 **Tested on:** 08/05/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Lean Concrete PCC (1:4:8)	5	4	2025	6Diax12	---	13	28.28	36	2851	---	Non Engraved
2	Lean Concrete PCC (1:4:8)	5	4	2025	6Diax12	---	12	28.28	44	3485	---	Non Engraved
3	Lean Concrete PCC (1:4:8)	5	4	2025	6Diax12	---	12	28.28	36	2851	---	Non Engraved
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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9382
Dr. Umbreen

To: Engr. Tajammal Farooq
Project Manager, AZ Engineering Associates.

Project: Construction of Boundary Wall at Bhikki Power Plant Sheikh Pura.

Our Ref. No. CL/CED/ 8208 Dated: 08/05/2025 **Test Specification**

Your Ref. No. AZE/32004 Dated: 06/05/2025 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 06/05/2025 **Tested on:** 08/05/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Column Footing	30	3	2025	6Diax12	---	13.2	28.28	20	1584	---	Non Engraved
2	Column Footing	30	3	2025	6Diax12	---	12.2	28.28	18	1426	---	Non Engraved
3	Column Footing	30	3	2025	6Diax12	---	12.2	28.28	22	1743	---	Non Engraved
4	Tie Beam	3	4	2025	6Diax12	---	13.6	28.28	58	4594	---	Non Engraved
5	Tie Beam	3	4	2025	6Diax12	---	13	28.28	60	4752	---	Non Engraved
6	Tie Beam	3	4	2025	6Diax12	---	12.8	28.28	62	4911	---	Non Engraved
7	Column	1	4	2025	6Diax12	---	12	28.28	16	1267	---	Engraved
8	Column	1	4	2025	6Diax12	---	13	28.28	15	1188	---	Engraved
9	Column	1	4	2025	6Diax12	---	12	28.28	16	1267	---	Engraved
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Witnessed by: Nil

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

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ORIGINAL
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9380
Dr. Umbreen

To: Mr. M. Nadeem Zafarullah
Incharge (Civil) For Managing Director Sui Northern Gas.

Project: Repair & Reconstruction of Boundary Wall & Replacement of Roof Slab at Store Offices of Faisalabad (Transmission & Distribution)

Our Ref. No. CL/CED/ 8209 Dated: 08/05/2025 Test Specification

Your Ref. No. CC/B.W/Roof-Slab/T&D Dated: 06/05/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 06/05/2025 Tested on: 08/05/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	HBC	---	---	---	8.5 x 4.2 x 2.8	---	2845	35.7	38	2384	---	---
2	HBC	---	---	---	8.7 x 4.3 x 2.9	---	2915	37.41	40	2395	---	---
3	HBC	---	---	---	8.7 x 4.3 x 3	---	2905	37.41	32	1916	---	---
4	HBC	---	---	---	8.8 x 4.3 x 2.9	---	2945	37.84	34	2013	---	---
5	HBC	---	---	---	8.8 x 4.3 x 2.8	---	2850	37.84	42	2486	---	---
6	HBC	---	---	---	8.8 x 4.3 x 3	---	2910	37.84	36	2131	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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