



# 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.

5867  
Engr. Ubaid

To: IZHAR STEEL (Pvt.) Ltd  
New Garden Town, Lahore.

Project: Parco Pearl Gas Facility Expansion Project

Our Ref. No. CL/CED/ 2868

Dated: 07-09-23

Test Specification

Your Ref. No. ISPL-ISPDP-112-LET-00014

Dated: 06-09-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 6/9/2023 Tested on: 07-09-23 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	TM-05 (3000 Psi)	10	8	2023	6Diax12	---	14	28.28	36	2851	---	Non Engraved
2	TM-05 (3000 Psi)	10	8	2023	6Diax12	---	14	28.28	35	2772	---	Non Engraved
3	TM-05 (3000 Psi)	10	8	2023	6Diax12	---	14.2	28.28	37	2931	---	Non Engraved
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Witnessed by:

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"diax12" 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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**ORIGINAL**

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5867

Engr. Ubaid

To: IZHAR STEEL (Pvt.) Ltd  
New Garden Town, Lahore.

Project: Parco Pearl Gas Facility Expansion Project

Our Ref. No. CL/CED/ 2869

Dated: 07-09-23

Test Specification

Your Ref. No. ISPL-ISPDP-112-LET-00015

Dated: 06-09-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 6/9/2023 Tested on: 07-09-23 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	TM-06 (4250 Psi)	10	8	2023	6Diax12	---	14	28.28	54	4277	---	Non Engraved
2	TM-06 (4250 Psi)	10	8	2023	6Diax12	---	14	28.28	52	4119	---	Non Engraved
3	TM-06 (4250 Psi)	10	8	2023	6Diax12	---	13.8	28.28	53	4198	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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"diax12" 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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Director/Dy. Director Concrete Laboratory



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**Civil Engineering Department**  
 University of Engineering and Technology, Lahore, Pakistan  
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5867  
 Engr. Ubaid

To: **IZHAR STEEL (Pvt.) Ltd**  
 New Garden Town, Lahore.

Project: **Parco Pearl Gas Facility Expansion Project**

Our Ref. No. **CL/CED/ 2870**

Dated: **07-09-23**

**Test Specification**

Your Ref. No. **ISPL-ISPDP-112-LET-00013**

Dated: **06-09-23**

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: **6/9/2023** Tested on: **07-09-23** 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	TM-04 A (3000 Psi)	10	8	2023	6Diax12	---	13	28.28	33	2614	---	Non Engraved
2	TM-04 A (3000 Psi)	10	8	2023	6Diax12	---	13.6	28.28	34	2693	---	Non Engraved
3	TM-04 A (3000 Psi)	10	8	2023	6Diax12	---	13.8	28.28	36	2851	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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"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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Director/Dy. Director Concrete Laboratory



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5799  
Engr. Ubaid

To: Mr. M. Aslam  
Projects Engineer, HKB RETAIL (SMC-PVT) Ltd

Project: Construction of Mixed Use Building at Noor Jahan Road, Liberty Market, Lahore

Our Ref. No. CL/CED/ 2871

Dated: 07-09-23

Test Specification

Your Ref. No. BAB/CR/028

Dated: 28/8/2023

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 28/8/2023 Tested on: 07-09-23 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	Pouring of Columns	17	8	2023	6Diax12	---	14	28.28	58	4594	---	Engraved
2	Pouring of Columns	17	8	2023	6Diax12	---	13	28.28	33	2614	---	Engraved
3	Pouring of Columns	19	8	2023	6Diax12	---	12.6	28.28	33	2614	---	Engraved
4	Pouring of Columns	19	8	2023	6Diax12	---	12.8	28.28	52	4119	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Engr. M. Jamil Ahmed

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
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Director/Dy. Director Concrete Laboratory



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**ORIGINAL**

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5852  
Engr. Ubaid

To: Eng. Asad Rashid Choudhary, P.E.  
Speed Construction Management (SCM)

Project: Construction of a New Building at Plot No. 25, Road 13, Khayaban-e-Kheruddin Housing Scheme, Johar Town Lahore.

Our Ref. No. CL/CED/ 2872

Dated: 07-09-23

Test Specification

Your Ref. No. SCM-203B-13-23

Dated: 04-09-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 5/9/2023 Tested on: 07-09-23 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	---	25	8	2023	6Diax12	---	13.2	28.28	22	1743	---	Non Engraved
2	---	25	8	2023	6Diax12	---	14	28.28	22	1743	---	Non Engraved
3	---	25	8	2023	6Diax12	---	13.8	28.28	22	1743	---	Non Engraved
4	---	25	8	2023	6Diax12	---	13	28.28	40	3168	---	Engraved
5	---	25	8	2023	6Diax12	---	14	28.28	36	2851	---	Engraved
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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Director/Dy. Director Concrete Laboratory



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**ORIGINAL**

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5847

Engr. Ubaid

To: Mr. Kausar Javed  
Construction Manager, Nippon Health Services (Pvt.) Limited, Hafizabad Road Sheikhpura

Project: Nil

Our Ref. No. CL/CED/ 2873

Dated: 07-09-23

Test Specification

Your Ref. No. NHS/NMC/15

Dated: 05-09-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 5/9/2023 Tested on: 07-09-23 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	1st Floor Slab	3	8	2023	6Diax12	---	14	28.28	46	3644	---	Non Engraved
2	1st Floor Slab	3	8	2023	6Diax12	---	14	28.28	57	4515	---	Non Engraved
3	1st Floor Slab	3	8	2023	6Diax12	---	14	28.28	54	4277	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



# Plain and Reinforced Concrete Laboratory

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**ORIGINAL**

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5824  
Engr. Ubaid

To: Project Manager  
Baig Construction CO., Engineers & Contractors

Project: Construction of Chohan Hospital Jail Road Lahore

Our Ref. No. CL/CED/ 2874

Dated: 07-09-23

Test Specification

Your Ref. No. CT/UET/31082023-2

Dated: 31/8/2023

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 31/8/2023 Tested on: 07-09-23 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	#2 (4500 Psi)-Column	16	7	2023	6Diax12	---	14	28.28	68	5386	---	Non Engraved
2	#3 (4500 Psi)-Column	16	7	2023	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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**ORIGINAL**

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5824

Engr. Ubaid

To: Project Manager  
Baig Construction CO., Engineers & Contractors

Project: Construction of Chohan Hospital Jail Road Lahore

Our Ref. No. CL/CED/ 2875

Dated: 07-09-23

Test Specification

Your Ref. No. CT/UET/31082023-5

Dated: 31/8/2023

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 31/8/2023 Tested on: 07-09-23 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	#2 (3000 Psi)- Lift Wall	24	7	2023	6Diax12	---	14	28.28	51	4040	---	Non Engraved
2	#4 (3000 Psi)- Lift Wall	24	7	2023	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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"diax12" 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

## 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.

5824  
Engr. Ubaid

To: Project Manager  
Baig Construction CO., Engineers & Contractors

Project: Construction of Chohan Hospital Jail Road Lahore

Our Ref. No. CL/CED/ 2876

Dated: 07-09-23

Test Specification

Your Ref. No. CT/UET/31082023-4

Dated: 31/8/2023

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 31/8/2023 Tested on: 07-09-23 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	#2 (4500 Psi)-Column	22	7	2023	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
2	#6 (4500 Psi)-Column	22	7	2023	6Diax12	---	14	28.28	80	6337	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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" diax12" 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

## 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.

5824  
Engr. Ubaid

To: Project Manager  
Baig Construction CO., Engineers & Contractors

Project: Construction of Chohan Hospital Jail Road Lahore

Our Ref. No. CL/CED/ 2877

Dated: 07-09-23

Test Specification

Your Ref. No. CT/UET/31082023

Dated: 31/8/2023

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 31/8/2023 Tested on: 07-09-23 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	#1 (3000 Psi)- Slab	16	6	2023	6Diax12	---	13.8	28.28	48	3802	---	Non Engraved
2	#5 (3000 Psi)- Slab	16	6	2023	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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"diax12" 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

## 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.

5824

Engr. Ubaid

To: Project Manager  
Baig Construction CO., Engineers & Contractors

Project: Construction of Chohan Hospital Jail Road Lahore

Our Ref. No. CL/CED/ 2878

Dated: 07-09-23

Test Specification

Your Ref. No. CT/UET/31082023-3

Dated: 31/8/2023

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 31/8/2023 Tested on: 07-09-23 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	#1 (4500 Psi)-Column	28	7	2023	6Diax12	---	13.4	28.28	55	4356	---	Non Engraved
2	#5 (4500 Psi)-Column	28	7	2023	6Diax12	---	13.4	28.28	56	4436	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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" diax12" 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**  
**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.

5818  
 Engr. Ubaid

**To:** Mr. Sadat Waleed Ansari  
 Chief Resident Engineer/TL, JERS CONSULTANCY (PVT) LTD  
 Project: Punjab Cities Program (PCP)- PMDFC. Improvement and Construction of Roads in MC Muridke.  
 (Contractor: M/s Ch Enterprises)  
 Our Ref. No. CL/CED/ 2879  
 Your Ref. No. 488-J01-10/CS/17

Dated: 07-09-23      Test Specification  
 Dated: 31/8/2023      (----)

## COMPRESSION TEST REPORT



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

Specimens received on: 31/8/2023    Tested on: 07-09-23    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 3.9 x 3.1	---	3770	30.42	131	9646	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3780	30.42	131	9646	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3	---	3570	30.42	131	9646	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3660	30.42	137	10088	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3890	30.42	124	9131	---	---
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3	---	3655	30.42	112	8247	---	---
7	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3715	30.42	113	8321	---	---
8	Rectangular, Red, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3695	30.42	114	8394	---	---
9	Rectangular, Red, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3780	30.42	139	10235	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Sadat Waleed, CNIC 36302-0448706-9 ; Mr. Muhammad Rashid, & Mr. Waqas Anjum.

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

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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.

5818  
Engr. Ubaid

To: Mr. Sadat Waleed Ansari  
Chief Resident Engineer/TL, JERS CONSULTANCY (PVT) LTD

Project: Punjab Cities Program (PCP)-PMDFC. Improvement and Construction of Chowks in Kamalia City, MC Kamalia. (Contractor: M/s Subhan Construction Company)

Our Ref. No. CL/CED/ 2880

Dated: 07-09-23

Test Specification

Your Ref. No. 488-J01-03/CS/15

Dated: 31/8/2023

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 31/8/2023 Tested on: 07-09-23 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, Red, 80mm	---	---	---	3.1 thick	---	4730	36.99	158	9568	---	---
2	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4625	36.99	153	9265	---	---
3	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4600	36.99	147	8902	---	---
4	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4725	36.99	145	8781	---	---
5	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4640	36.99	113	6843	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Sadat Waleed, CNIC 36302-0448706-9 ; Mr. Waqas Anjum, CNIC 35201-8249561-3

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

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- 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.

5818  
Engr. Ubaid

To: Mr. Sadat Waleed Ansari  
Chief Resident Engineer/TL, JERS CONSULTANCY (PVT) LTD

Project: Punjab Cities Program (PCP)-PMDFC. Providing and Laying of Tuff Pavers in three Roads of Daska.  
(Contractor: M/s Four Star Naru)

Our Ref. No. CL/CED/ 2881

Dated: 07-09-23

Test Specification

Your Ref. No. 488-J01-09/CS/R03

Dated: 31/8/2023

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 31/8/2023 Tested on: 07-09-23 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, Red, 80mm	---	---	---	3.1 thick	---	4315	36.99	104	6298	---	---
2	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4255	36.99	76	4602	---	---
3	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4425	36.99	116	7025	---	---
4	Uni-Block, Grey, 80mm	---	---	---	3.0 thick	---	4330	36.99	111	6722	---	---
5	Uni-Block, Grey, 80mm	---	---	---	3.0 thick	---	4510	36.99	99	5995	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Sadat Waleed, CNIC 36302-0448706-9 ; Mr. Aamir Riaz, & Mr. Waqas Anjum.

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

- \* as engraved on the specimens (if any)
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- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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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.

5842  
 Engr. Ubaid

**To: Mr. Sadat Waleed Ansari**  
 Chief Resident Engineer/TL, JERS CONSULTANCY (PVT) LTD  
 Project: Punjab Cities Program (PCP)- PMDFC. Providing and Laying of Tuff Pavers in MC Kot Addu.  
 (Contractor: M/s Ch Abdul Ghafoor Goheer)  
 Our Ref. No. CL/CED/ 2882      Dated: 07-09-23  
 Your Ref. No. 488-J01-14/CS/T.P-05      Dated: 04-09-23

Test Specification  
 (----)

## 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	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	---	3580	29.26	106	8115	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	---	3580	29.26	118	9033	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	---	3610	29.26	110	8421	---	---
4	Rectangular, Red, 80mm	---	---	---	7.7 x 3.8 x 3.1	---	3605	29.26	103	7885	---	---
5	Rectangular, Red, 80mm	---	---	---	7.7 x 3.8 x 3.1	---	3615	29.26	109	8344	---	---
6	Rectangular, Red, 80mm	---	---	---	7.7 x 3.8 x 3.1	---	3520	29.26	99	7579	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Sadat Waleed, CNIC 36302-0448706-9 ; Mr. Sheraz Ghafoor & Mr. Waqas Anjum

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



# 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.

5842  
Engr. Ubaid

To: Mr. Sadat Waleed Ansari  
Chief Resident Engineer/TL, JERS CONSULTANCY (PVT) LTD

Project: Punjab Cities Program (PCP)-PMDFC. Improvement and Rehabilitation of Roads and Chowks in MC Jaranwala. (Contractor: M/s Ch Abdul Ghafoor Goheer)

Our Ref. No. CL/CED/ 2883

Dated: 07-09-23

Test Specification

Your Ref. No. 488-J01-11/CS/R06

Dated: 04-09-23

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## COMPRESSION TEST REPORT



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

Specimens received on: 4/9/2023 Tested on: 07-09-23 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	---	4540	36.99	151	9144	---	---
2	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4675	36.99	164	9931	---	---
3	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4650	36.99	128	7751	---	---
4	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4430	36.99	115	6964	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Sadat Waleed, CNIC 36302-0448706-9 ; Mr. Sheraz Ghafoor & Mr. Waqas Anjum

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)

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# 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.

5842  
Engr. Ubaid

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 in MC Jaranwala.  
(Contractor: M/s Ch Abdul Ghafoor Goheer)

Our Ref. No. CL/CED/ 2884

Dated: 07-09-23

Test Specification

Your Ref. No. 488-J01-11/CS/R06

Dated: 04-09-23

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 4/9/2023 Tested on: 07-09-23 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	---	4590	36.99	170	10295	---	---
2	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4580	36.99	166	10052	---	---
3	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4460	36.99	115	6964	---	---
4	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4505	36.99	105	6358	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Sadat Waleed, CNIC 36302-0448706-9 ; Mr. Sheraz Ghafoor & Mr. Waqas Anjum

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**Civil Engineering Department**  
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ORIGINAL  
 A carbon copy for the report has been retained in the lab for record.

5819  
 Engr. Ubaid

**To: Mr. Sadat Waleed Ansari**  
 Chief Resident Engineer/TL, JERS CONSULTANCY (PVT) LTD  
 Project: Punjab Cities Program (PCP)- PMDFC. Widening & Improvement of Stadium Road and Jaswant Nagar  
 Chowk to SP Chowk to Underpass Road, MC Khanewal  
 Our Ref. No. CL/CED/ 2885      Dated: 07-09-23  
 Your Ref. No. 488-J01-16/CS/14R      Dated: 31/8/2023

Test Specification  
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## COMPRESSION TEST REPORT



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

Specimens received on: 31/8/2023 Tested on: 07-09-23 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 3.1	---	3730	29.64	101	7633	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3780	29.64	104	7860	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3760	29.64	95	7179	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3620	29.64	106	8011	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3695	29.64	109	8238	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Sadat Waleed, CNIC 36302-0448706-9 ; Mr. Abdul Hamid Ghouri, Mr. Shahbaz Ali, Mr. Waqas Anjum

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