



**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.

3864  
 Dr. Aqsa

To: PRO-CON  
 New Airport Road, Lahore Cantt.

Project: Nil

Our Ref. No. CL/CED/ 9803

Dated: 13-09-22

Test Specification

Your Ref. No. Nil

Dated: 12-09-22

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: 12-09-22 Tested on: 13-09-22 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	3000 Psi	5	9	2022	6Diax12	---	14	28.28	47	3723	---	Engraved
2	3000 Psi	5	9	2022	6Diax12	---	13.2	28.28	46	3644	---	Engraved
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Witnessed by: Mr. M. Shahid, CINC # 35202-7701085-7

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

3852  
 Dr. Aqsa

To: Engr. Faakhir Saeed  
 94-D, Valancia P.E.C.H.S. Lahore

Project: Noor Trust Hospital, Khaliq Abad, Lahore

Our Ref. No. CL/CED/ 9804

Dated: 13-09-22

Test Specification

Your Ref. No. Nil

Dated: 06-09-22

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **09-09-22** Tested on: **13-09-22** 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	Raft Pour - 01	4	7	2022	6Diax12	---	13.6	28.28	62	4911	---	Non Engraved
2	Raft Pour - 01	4	7	2022	6Diax12	---	13.4	28.28	78	6178	---	Non Engraved
3	Raft Pour - 01	4	7	2022	6Diax12	---	14	28.28	70	5545	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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"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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3852  
 Dr. Aqsa

**To:** Engr. Faakhir Saeed  
 94-D, Valancia P.E.C.H.S. Lahore

**Project:** Noor Trust Hospital, Khaliq Abad, Lahore

**Our Ref. No. CL/CED/ 9805**

**Dated: 13-09-22**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 06-09-22**

**( ASTM C39 )**

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on: 09-09-22      Tested on: 13-09-22      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	Raft Pour - 02	4	8	2022	6Diax12	---	13.6	28.28	69	5465	---	Non Engraved
2	Raft Pour - 02	4	8	2022	6Diax12	---	13.2	28.28	78	6178	---	Non Engraved
3	Raft Pour - 02	4	8	2022	6Diax12	---	13.2	28.28	80	6337	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:**

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
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**Director/Dy. Director Concrete Laboratory**



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3848  
 Dr. Aqsa

To: (Brig. Saeed Ahmed Malik) SI (M), (R)  
 Resident Engineer, NESPAK (Pvt.) Ltd.

Project: Providing and Fixing of National Flags Poles at Barki Round About, Jawad Cheema Chowk, CBD, Shalamar Chowk and Shimla Pahari Chowk, Lahore

Our Ref. No. CL/CED/ 9806

Dated: 13-09-22

Test Specification

Your Ref. No. 4084/103/BSAM/104/760

Dated: 07-09-22

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **08-09-22** Tested on: **13-09-22** 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	---	8	8	2022	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
2	---	8	8	2022	6Diax12	---	13.6	28.28	85	6733	---	Non Engraved
3	---	8	8	2022	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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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Director/Dy. Director Concrete Laboratory



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3848  
 Dr. Aqsa

To: (Brig. Saeed Ahmed Malik) SI (M), (R)  
 Resident Engineer, NESPAK (Pvt.) Ltd.

Project: Providing and Fixing of National Flags Poles at Jinnah Hall Lahore

Our Ref. No. CL/CED/ 9807

Dated: 13-09-22

Test Specification

Your Ref. No. 4084/103/BSAM/104/761

Dated: 07-09-22

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **08-09-22** Tested on: **13-09-22** 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	---	29	7	2022	6Diax12	---	13.6	28.28	81	6416	---	Non Engraved
2	---	29	7	2022	6Diax12	---	13.4	28.28	68	5386	---	Non Engraved
3	---	29	7	2022	6Diax12	---	13.8	28.28	92	7287	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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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3848  
 Dr. Aqsa

To: (Brig. Saeed Ahmed Malik) SI (M), (R)  
 Resident Engineer, NESPAK (Pvt.) Ltd.

Project: Construction of Street PCC and Nallah Street at Jailowana Wahga Zone Lahore

Our Ref. No. CL/CED/ 9808

Dated: 13-09-22

Test Specification

Your Ref. No. 4084/103/BSAM/104/753

Dated: 03-09-22

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 08-09-22 Tested on: 13-09-22 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	---	10	8	2022	6x6x6	---	8.6	36	73	4542	---	Non Engraved
2	---	10	8	2022	6x6x6	---	8.8	36	36	2240	---	Non Engraved
3	---	10	8	2022	6x6x6	---	8.2	36	82	5102	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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Director/Dy. Director Concrete Laboratory





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**ORIGINAL**  
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3861  
 Dr. Aqsa

To: Mr. Muhammad Shahbaz  
 Imperium Hospitality (Pvt.) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 9809

Dated: 13-09-22

Test Specification

Your Ref. No. IHPL/Con/889

Dated: 31-08-22

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 12-09-22 Tested on: 13-09-22 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	5000 Psi	11	8	2022	6Diax12	---	14	28.28	92	7287	---	Non Engraved
2	5000 Psi	11	8	2022	6Diax12	---	13.6	28.28	78	6178	---	Non Engraved
3	5000 Psi	11	8	2022	6Diax12	---	13.8	28.28	71	5624	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan (K.B)

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
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3861  
 Dr. Aqsa

To: Mr. Muhammad Shahbaz  
 Imperium Hospitality (Pvt.) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 9810

Dated: 13-09-22

Test Specification

Your Ref. No. IHPL/Con/886

Dated: 31-08-22

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

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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	4000 Psi	8	8	2022	6Diax12	---	13.8	28.28	68	5386	---	Non Engraved
2	4000 Psi	8	8	2022	6Diax12	---	13.8	28.28	71	5624	---	Non Engraved
3	4000 Psi	8	8	2022	6Diax12	---	14	28.28	73	5782	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan (K.B)

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





**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.

3861  
 Dr. Aqsa

To: Mr. Muhammad Shahbaz  
 Imperium Hospitality (Pvt.) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 9811

Dated: 13-09-22

Test Specification

Your Ref. No. IHPL/Con/887

Dated: 31-08-22

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 12-09-22 Tested on: 13-09-22 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	5000 Psi	8	8	2022	6Diax12	---	13.6	28.28	77	6099	---	Non Engraved
2	5000 Psi	8	8	2022	6Diax12	---	14	28.28	79	6257	---	Non Engraved
3	5000 Psi	8	8	2022	6Diax12	---	14	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan (K.B)

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"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.

3861  
 Dr. Aqsa

To: Mr. Muhammad Shahbaz  
 Imperium Hospitality (Pvt.) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 9812

Dated: 13-09-22

Test Specification

Your Ref. No. IHPL/Con/888

Dated: 31-08-22

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 12-09-22 Tested on: 13-09-22 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	5000 Psi	10	8	2022	6Diax12	---	13.2	28.28	77	6099	---	Non Engraved
2	5000 Psi	10	8	2022	6Diax12	---	13.4	28.28	75	5941	---	Non Engraved
3	5000 Psi	10	8	2022	6Diax12	---	13.2	28.28	73	5782	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan (K.B)

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"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.

3840  
 Dr. Aqsa

**To:** Mr. Qaisar Imran, Site Engineer  
 For Wing Consultant, GTTI Mughalpura Lahore

**Project:** Renovation Work of CoE at GTTI Mughalpura Lahore

**Our Ref. No.** CL/CED/ 9813

**Dated:** 13-09-22

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 05-09-22

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **06-09-22** Tested on: **13-09-22** 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	Underground Water Tank Wall	31	7	2022	6Diax12	---	13	28.28	79	6257	---	Non Engraved
2	Underground Water Tank Wall	31	7	2022	6Diax12	---	13.2	28.28	81	6416	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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"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.

3840  
 Dr. Aqsa

To: Mr. Qaisar Imran, Site Engr.  
 Wing Consultant, GTTI Mughalpura Lahore

Project: Renovation Work of CoE at GTTI Mughalpura Lahore

Our Ref. No. CL/CED/ 9814

Dated: 13-09-22

Test Specification

Your Ref. No. Nil

Dated: 05-09-22

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: 06-09-22 Tested on: 13-09-22 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	Underground Water Tank Wall	8	8	2022	6Diax12	---	13.2	28.28	57	4515	---	Engraved
2	Underground Water Tank Wall	8	8	2022	6Diax12	---	13.2	28.28	77	6099	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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"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.

3846  
 Dr. Aqsa

**To:** Mr. Muhammad Irfan, Material Engineer  
 Banu Mukhtar Contracting (Pvt) Ltd. 5-A, Ali Block, Main Blvd, New Garden Town, Lahore

**Project:** Construction of Burj-1 by Ajwa Builders

**Our Ref. No.** CL/CED/ 9815

**Dated:** 13-09-22

**Test Specification**

**Your Ref. No.** DOC-BMC/AJWA/004

**Dated:** 07-09-22

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **08-09-22** Tested on: **13-09-22** 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	Trial # 1, 4000 Psi	31	8	2022	6Diax12	---	13.4	28.28	39	3089	---	Non Engraved
2	Trial # 1, 4000 Psi	31	8	2022	6Diax12	---	13.8	28.28	40	3168	---	Non Engraved
3	Trial # 1, 4000 Psi	31	8	2022	6Diax12	---	14	28.28	42	3327	---	Non Engraved
4	Trial # 2, 4000 Psi	31	8	2022	6Diax12	---	13.4	28.28	51	4040	---	Non Engraved
5	Trial # 2, 4000 Psi	31	8	2022	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
6	Trial # 2, 4000 Psi	31	8	2022	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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"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.

3846  
 Dr. Aqsa

**To:** Mr. Muhammad Irfan, Material Engineer  
 Banu Mukhtar Contracting (Pvt) Ltd. 5-A, Ali Block, Main Blvd, New Garden Town, Lahore

**Project:** Construction of Burj-1 by Ajwa Builders

**Our Ref. No.** CL/CED/ 9816

**Dated:** 13-09-22

**Test Specification**

**Your Ref. No.** DOC-BMC/AJWA/004

**Dated:** 07-09-22

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **08-09-22** Tested on: **13-09-22** 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	Trial # 1, 6000 Psi	1	9	2022	6Diax12	---	14	28.28	60	4752	---	Non Engraved
2	Trial # 1, 6000 Psi	1	9	2022	6Diax12	---	14.2	28.28	56	4436	---	Non Engraved
3	Trial # 1, 6000 Psi	1	9	2022	6Diax12	---	13.8	28.28	51	4040	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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"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.

3819  
 Dr. Aqsa

**To:** Mr. Junaid Ali Khan, Chief Executive  
 M/S Alive, Civil Works Contractors, 118-H Model Town Lahore

**Project:** 118 H Block Model Town Lahore

**Our Ref. No.** CL/CED/ 9817

**Dated:** 13-09-22

**Test Specification**

**Your Ref. No.** 118-FFS/PSI-3K/UET

**Dated:** 28-08-22

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

**Specimens received on:** 02-09-22 **Tested on:** 13-09-22 **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	F.F Roof Slab (3000 Psi)	20	8	2022	6Diax12	---	14.8	28.28	13	1030	---	Engraved
2	F.F Roof Slab (3000 Psi)	20	8	2022	6Diax12	---	15	28.28	12	950	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:**

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"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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**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.

3851  
 Dr. Aqsa

**To:** Mr. H. M. Umar, PRO-CON  
 Office # 04 First Floor, Divine Centre, New Airport Road, Lahore Cantt

**Project:** Nil

**Our Ref. No.** CL/CED/ 9818

**Dated:** 13-09-22

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 09-09-22

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **09-09-22** Tested on: **13-09-22** 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	3000 Psi	20	8	2022	6Diax12	---	13	28.28	45	3564	---	Non Engraved
2	3000 Psi	20	8	2022	6Diax12	---	14	28.28	42	3327	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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"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.

3860  
 Dr. Aqsa

**To:** Mr. Muhammad Shahbaz  
 Imperium Hospitality (Pvt.) Ltd.

**Project:** Nil

**Our Ref. No.** CL/CED/ 9819

**Dated:** 13-09-22

**Test Specification**

**Your Ref. No.** IHPL/Con/893

**Dated:** 12-09-22

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## COMPRESSION TEST REPORT



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

**Specimens received on:** 12-09-22 **Tested on:** 13-09-22 **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	Hollow Block (1000 Psi)	---	---	---	15.4 x 5.8 x 7.5	---	15	57.92	37	1431	---	---
2	Hollow Block (1000 Psi)	---	---	---	15.4 x 5.8 x 7.5	---	14.8	57.92	47	1818	---	---
3	Hollow Block (1000 Psi)	---	---	---	15.4 x 5.9 x 7.5	---	14.2	57.92	43	1663	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:** Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan (K.B)

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
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**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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**Civil Engineering Department**  
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**ORIGINAL**  
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3799  
 Dr. Aqsa

To: Engr. Fawad Butt, Project Engr.  
 Netracon Technologies (Pvt.) Ltd.

Project: Design Supply and Installation of 500KV Nowshera (New) Grid Station

Our Ref. No. CL/CED/ 9820

Dated: 13-09-22

Test Specification

Your Ref. No. NTT-HO/WB05A-GS/07A

Dated: 16-08-22

( BS 3921\*\* )

**COMPRESSION TEST REPORT**



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

Specimens received on: **30-08-22** Tested on: **13-09-22** 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	33 (Insaf Bricks Company)	---	---	---	8.9 x 4.3 x 3.1	3770	3105	38.27	40	2341	21.42	---
2	33 (Insaf Bricks Company)	---	---	---	8.7 x 4.3 x 3	3550	2905	37.41	33	1976	22.2	---
3	33 (Insaf Bricks Company)	---	---	---	8.8 x 4.3 x 3	3480	2990	37.84	24	1421	16.39	---
4	33 (Insaf Bricks Company)	---	---	---	8.8 x 4.3 x 2.9	3470	2730	37.84	50	2960	27.11	---
5	33 (Insaf Bricks Company)	---	---	---	8.8 x 4.3 x 2.9	3590	2890	37.84	23	1362	24.22	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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