



**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.

3747  
 Dr. Mazhar

**To:** Mr. Muhammad Nadeem Akram  
 Site Engineer, Ortho Hospital, SAB Constructions

**Project:** Construction of Ortho Hospital, 96-B Hali Road, Gulberg-II, Lahore.

**Our Ref. No.** CL/CED/ 9645

**Dated:** 24/8/2022

**Test Specification**

**Your Ref. No.** SAB/ORT/LT/0003

**Dated:** 17/8/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 16/8/2022 **Tested on:** 19/8/2022 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	2nd Floor Col. (6000 Psi)	26	6	2022	6Diax12	---	14	28.28	73	5782	---	Non Engraved
2	2nd Floor Col. (6000 Psi)	26	6	2022	6Diax12	---	14	28.28	81	6416	---	Non Engraved
3	2nd Floor Col. (6000 Psi)	26	6	2022	6Diax12	---	13.6	28.28	90	7129	---	Non Engraved
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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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**ORIGINAL**  
 A carbon copy for the report has been retained in the lab for record.

3740  
 Dr. Mazhar

To: Mr. Waqas Ali  
 VARIANT, 25-t gulberg 2, Lahore

Project: Construction of Columns (CL-7, CL-8, CL-9, CL-10, SH. Wall 2, 2Sh. Walls P-4, 2Sh. Walls P-9)

Our Ref. No. CL/CED/ 9646

Dated: 24/8/2022

Test Specification

Your Ref. No. VA/29/34

Dated: 18/8/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 18/8/2022 Tested on: 24/8/2022 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	Basement-2	28	6	2022	6Diax12	---	14.4	28.28	118	9347	---	Non Engraved
2	Basement-2	28	6	2022	6Diax12	---	14	28.28	130	10297	---	Non Engraved
3	Basement-2	28	6	2022	6Diax12	---	14	28.28	136	10772	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Khurram, CNIC 35201-2458690-9

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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Director/Dy. Director Concrete Laboratory



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

3737  
 Dr. Mazhar

To: ANH Developers (Pvt.) Ltd.  
 91 Block-B, Phase-V, DHA, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 9647

Dated: 24/8/2022

Test Specification

Your Ref. No. Nil

Dated: Nil

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: 18/8/2022 Tested on: 24/8/2022 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	6000 Psi	29	3	2022	6Diax12	---	13.8	28.28	88	6970	---	Non Engraved
2	6000 Psi	28	3	2022	6Diax12	---	13.2	28.28	92	7287	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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

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3737  
 Dr. Mazhar

To: ANH Developers (Pvt.) Ltd.  
 91 Block-B, Phase-V, DHA, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 9648

Dated: 24/8/2022

Test Specification

Your Ref. No. Nil

Dated: Nil

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: 18/8/2022 Tested on: 24/8/2022 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	6000 Psi	19	5	2022	6Diax12	---	13.4	28.28	86	6812	---	Non Engraved
2	6000 Psi	30	5	2022	6Diax12	---	14	28.28	73	5782	---	Non 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
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3737  
 Dr. Mazhar

To: ANH Developers (Pvt.) Ltd.  
 91 Block-B, Phase-V, DHA, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 9649

Dated: 24/8/2022

Test Specification

Your Ref. No. Nil

Dated: Nil

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 18/8/2022 Tested on: 24/8/2022 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	6000 Psi	2	4	2022	6Diax12	---	13.6	28.28	81	6416	---	Non Engraved
2	6000 Psi	8	4	2022	6Diax12	---	13.2	28.28	83	6574	---	Non Engraved
3	4500 Psi	22	4	2022	6Diax12	---	14	28.28	71	5624	---	Non Engraved
4	6000 Psi	29	4	2022	6Diax12	---	13.2	28.28	79	6257	---	Non Engraved
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Witnessed by:

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3737  
 Dr. Mazhar

To: ANH Developers (Pvt.) Ltd.  
 91 Block-B, Phase-V, DHA, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 9650

Dated: 24/8/2022

Test Specification

Your Ref. No. Nil

Dated: Nil

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: 18/8/2022 Tested on: 24/8/2022 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	4500 Psi	10	6	2022	6Diax12	---	14.2	28.28	90	7129	---	Non Engraved
2	6000 Psi	23	6	2022	6Diax12	---	14	28.28	71	5624	---	Non Engraved
3	4500 Psi	7	7	2022	6Diax12	---	14	28.28	77	6099	---	Non Engraved
4	6000 Psi	1	7	2022	6Diax12	---	15	28.28	100	7921	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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Director/Dy. Director Concrete Laboratory



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

3753  
 Dr. Mazhar

To: Major Bilal Khan Yousafzai  
 Pakistan Rangers (Punjab)

Project: Headquarters Pakistan Rangers (Punjab), Ghazi Road, Lahore -33

Our Ref. No. CL/CED/ 9651

Dated: 24/8/2022

Test Specification

Your Ref. No. 2231/Works/1331

Dated: 10/08/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **23/8/2022** Tested on: **24/8/2022** 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	RCC Slab	8	8	2022	6Diax12	---	14	28.28	49	3881	---	Engraved
2	RCC Slab	8	8	2022	6Diax12	---	14	28.28	53	4198	---	Engraved
3	RCC Slab	8	8	2022	6Diax12	---	14.4	28.28	51	4040	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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3752  
 Dr. Mazhar

To: Mr. Zaheer Abbas  
 Manager Construction, Educational Services (Pvt) Ltd.

Project: Construction Work at Sheikhpura Primary Branch, Beaconhouse School System.

Our Ref. No. CL/CED/ 9652

Dated: 24/8/2022

Test Specification

Your Ref. No. Nil

Dated: 22/8/2022

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: **22/8/2022** Tested on: **24/8/2022** 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	GF Slab (3000 Psi)	22	7	2022	6x6x6	---	8	36	63	3920	---	Engraved
2	GF Slab (3000 Psi)	22	7	2022	6x6x6	---	8	36	61	3796	---	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.

3754  
 Dr. Mazhar

**To:** Mr. Muhammad Asif Bajwa  
 Asst. Resident Engineer, NESPAK Highways & Transportation Engineering Division  
 Project: Dualization of Road from Gujranwala to M-2 Interchange at Kot Sarwar via Hafizabad Km 6.20 to Km 80.35 Length 74.15 Km in District Gujranwala & Hafizabad (Section Km 55.40~79.35, L= 23.95 Km)  
 Our Ref. No. CL/CED/ 9653      Dated: 24/8/2022  
 Your Ref. No. SA-466F/103/GH/ML/Lab/38      Dated: 19/8/2022

**Test Specification**  
 ( BS 1881-116 )

**COMPRESSION TEST REPORT**



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

Specimens received on: 23/8/2022      Tested on: 24/8/2022      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	7	2022	6x6x6	---	8.4	36	59	3671	---	Non Engraved
2	---	25	7	2022	6x6x6	---	9	36	106	6596	---	Non Engraved
3	---	25	7	2022	6x6x6	---	8	36	71	4418	---	Non Engraved
4	---	25	7	2022	6x6x6	---	8.4	36	75	4667	---	Non Engraved
5	---	25	7	2022	6x6x6	---	8.4	36	61	3796	---	Non Engraved
6	---	25	7	2022	6x6x6	---	8.8	36	77	4791	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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.

3723  
 Dr. Mazhar

To: Senior Project Manager  
 Shifa Development Services Pvt Ltd.

Project: Under Construction Site of Shifa National Hospital, Opposite Al-Qadar Garden, Lahore  
 Sheikhpura Road, Faisalabad.  
 Our Ref. No. CL/CED/ 9654

Dated: 24/8/2022

Test Specification

Your Ref. No. SNHF/SDS/CT/04

Dated: 16/8/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 16/8/2022 Tested on: 24/8/2022 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	1	7	2022	6Diax12	---	12.8	28.28	37	2931	---	Non Engraved
2	3000 Psi	1	7	2022	6Diax12	---	12.8	28.28	47	3723	---	Non Engraved
3	3000 Psi	1	7	2022	6Diax12	---	13	28.28	47	3723	---	Non Engraved
4	3000 Psi	6	7	2022	6Diax12	---	13.6	28.28	49	3881	---	Non Engraved
5	3000 Psi	6	7	2022	6Diax12	---	12.6	28.28	55	4356	---	Non Engraved
6	3000 Psi	6	7	2022	6Diax12	---	12.4	28.28	31	2455	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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.

3705  
 Dr. Umbreen

**To:** Resident Engineer  
 G3 Engineering Consultants (Pvt) Ltd

**Project:** Consultancy Services for Master Planning, Designing and Construction Supervision  
 Strengthening of University of Narowal, VC Secretariat & Grade 18/19 & 20 Residences  
 Our Ref. No. CL/CED/ 9655

**Dated:** 24/8/2022

**Test Specification**

Your Ref. No. G3/UON-RE/133

**Dated:** 21/7/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **12/8/2022** Tested on: **24/8/2022** 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	Grid 3 to 8	16	6	2022	6Diax12	---	12.8	28.28	25	1980	---	Non Engraved
2	Grid 3 to 8	16	6	2022	6Diax12	---	13.2	28.28	23	1822	---	Non Engraved
3	Grid 3 to 8	16	6	2022	6Diax12	---	13.2	28.28	19	1505	---	Non Engraved
4	Grid 1 to 2	17	6	2022	6Diax12	---	12.8	28.28	29	2297	---	Non Engraved
5	Grid 1 to 2	17	6	2022	6Diax12	---	13.8	28.28	45	3564	---	Non Engraved
6	Grid 1 to 2	17	6	2022	6Diax12	---	13.2	28.28	27	2139	---	Non Engraved
7	Grid 3 to 5	20	6	2022	6Diax12	---	13	28.28	37	2931	---	Non Engraved
8	Grid 3 to 5	20	6	2022	6Diax12	---	13.2	28.28	39	3089	---	Non Engraved
9	Grid 3 to 5	20	6	2022	6Diax12	---	13.6	28.28	39	3089	---	Non Engraved
10	Grid 6 to 8	23	6	2022	6Diax12	---	13.2	28.28	35	2772	---	Non Engraved
11	Grid 6 to 8	23	6	2022	6Diax12	---	13.8	28.28	27	2139	---	Non Engraved
12	Grid 6 to 8	23	6	2022	6Diax12	---	13	28.28	33	2614	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
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
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- \*\*\*\* 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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**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**  
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3705  
 Dr. Umbreen

**To:** Resident Engineer  
 G3 Engineering Consultants (Pvt) Ltd

**Project:** Consultancy Services for Master Planning, Designing and Construction Supervision  
 Strengthening of University of Narowal, VC Secretariat & Grade 18/19 & 20 Residences  
 Our Ref. No. CL/CED/ 9656

**Dated:** 24/8/2022

**Test Specification**

Your Ref. No. G3/UON-RE/118

**Dated:** 24/5/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **12/8/2022** Tested on: **24/8/2022** 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	Grid 1 to 5	6	6	2022	6Diax12	---	13	28.28	55	4356	---	Non Engraved
2	Grid 1 to 5	6	4	2022	6Diax12	---	12.8	28.28	55	4356	---	Non Engraved
3	Grid 1 to 5	6	4	2022	6Diax12	---	12.8	28.28	37	2931	---	Non Engraved
4	Grid 6 to 10	11	4	2022	6Diax12	---	12	28.28	61	4832	---	Non Engraved
5	Grid 6 to 10	11	4	2022	6Diax12	---	11	28.28	45	3564	---	Non Engraved
6	Grid 6 to 10	11	4	2022	6Diax12	---	11.6	28.28	43	3406	---	Non Engraved
7	Grid 1 to 8	19	4	2022	6Diax12	---	13.2	28.28	49	3881	---	Non Engraved
8	Grid 1 to 8	19	4	2022	6Diax12	---	12	28.28	65	5149	---	Non Engraved
9	Grid 1 to 8	19	4	2022	6Diax12	---	12	28.28	39	3089	---	Non Engraved
10	Grid 1 to 4	24	4	2022	6Diax12	---	11.8	28.28	23	1822	---	Non Engraved
11	Grid 1 to 4	24	4	2022	6Diax12	---	12	28.28	43	3406	---	Non Engraved
12	Grid 1 to 4	24	4	2022	6Diax12	---	12	28.28	43	3406	---	Non Engraved
13	Grid 5 to 10	25	4	2022	6Diax12	---	11.4	28.28	15	1188	---	Non Engraved
14	Grid 5 to 10	25	4	2022	6Diax12	---	12	28.28	43	3406	---	Non Engraved
15	Grid 5 to 10	25	4	2022	6Diax12	---	12	28.28	29	2297	---	Non Engraved
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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

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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**