



**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.

3129  
 Engr. Ubaid

To: AN Construction  
 38-Tariq Block, New Garden Town, Lahore.

Project: Construction of Apartment Building 38-Tariq Block, New Garden Town, Lahore.

Our Ref. No. CL/CED/ 8720

Dated: 06-05-22

Test Specification

Your Ref. No. Nil

Dated: 14/4/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 14/4/2022 Tested on: 28/4/2022 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	4000 Psi	27	3	2022	6Diax12	---	13.2	28.28	39	3089	---	Non Engraved
2	4000 Psi	27	3	2022	6Diax12	---	13.2	28.28	56	4436	---	Non Engraved
3	6000 Psi	27	3	2022	6Diax12	---	13	28.28	47	3723	---	Non Engraved
4	6000 Psi	11	3	2022	6Diax12	---	13.2	28.28	52	4119	---	Non Engraved
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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**  
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 Landline: 042-99029245 & 042-99029202      Mobile: 0307-0496895

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

3194  
 Dr. Mazhar

To: Sub Divisional Officer  
 Buildings Sub Division No. 20, Lahore.

Project: Construction of Women Development Office Complex Sabzazar Lahore (ADP No.2482 For the Year 2021-22)

Our Ref. No. CL/CED/ 8721

Dated: 06-05-22

Test Specification

Your Ref. No. 162/20th

Dated: 22/4/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **25/4/2022** Tested on: **25/4/2022** 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 Raft/ Footing Beams	24	3	2022	6Diax12	---	13.8	28.28	61	4832	---	Non Engraved
2	RCC Raft/ Footing Beams	24	3	2022	6Diax12	---	13.4	28.28	67	5307	---	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

- 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.

3181  
 Engr. Ubaid

**To:** Engr. Hassan Mahmood  
 Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd  
 Project: Construction of DHA Newlife Residency Apartments at 273/1 Q Block Phase-II DHA, Lahore.  
 (Contractor; M/s Ghousia Engineering & Construction Pvt. Ltd. Lahore.)  
 Our Ref. No. CL/CED/ 8722      Dated: 06-05-22  
 Your Ref. No. G3/DHA-NLD/RE/058      Dated: 25/4/2022

**Test Specification**  
 ( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 25/4/2022      Tested on: 28/4/2022      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 Slab, Pour-3 (4000 Psi)	29	3	2022	6Diax12	---	13	28.28	59	4673	---	Engraved
2	Basement Slab, Pour-3 (4000 Psi)	29	3	2022	6Diax12	---	14	28.28	57	4515	---	Engraved
3	Basement Slab, Pour-3 (4000 Psi)	29	3	2022	6Diax12	---	13.4	28.28	59	4673	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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3193  
 Engr. Ubaid

To: Engr. Uzair Siddique  
 Lahore American School, 15 Upper Mall, Canal Bank, Lahore.

Project: Construction of Gym Building at Lahore American School.

Our Ref. No. CL/CED/ 8723

Dated: 06-05-22

Test Specification

Your Ref. No. Nil

Dated: 25/4/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **25/4/2022** Tested on: **28/4/2022** 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	BF-28M	28	3	2022	6Diax12	---	13.4	28.28	31	2455	---	Non Engraved
2	BF-28M	28	3	2022	6Diax12	---	13.6	28.28	31	2455	---	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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3193  
 Engr. Ubaid

**To:** Engr. Uzair Siddique  
 Lahore American School, 15 Upper Mall, Canal Bank, Lahore.

**Project:** Construction of Gym Building at Lahore American School.

**Our Ref. No.** CL/CED/ 8724

**Dated:** 06-05-22

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 25/4/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **25/4/2022** Tested on: **28/4/2022** 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	BS-13A	13	4	2022	6Diax12	---	14	28.28	49	3881	---	Non Engraved
2	BS-13A	13	4	2022	6Diax12	---	13.8	28.28	49	3881	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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- \* as engraved on the specimens (if any)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
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3209  
 Engr. Ubaid

To: Lt Col. (R) Ubaid ur Rehman  
 SPM (JV) PEC Bldg Proj

Project: Construction of PEC Regional Office Lahore.

Our Ref. No. CL/CED/ 8725

Dated: 06-05-22

Test Specification

Your Ref. No. 901/NLC-TD(JV)/PEC/635

Dated: 26/4/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **27/4/2022** Tested on: **28/4/2022** 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	#1729	30	3	2022	6Diax12	---	13	28.28	62	4911	---	Non Engraved
2	#1732	30	3	2022	6Diax12	---	13.4	28.28	69	5465	---	Non Engraved
3	#1737	30	3	2022	6Diax12	---	12.8	28.28	62	4911	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

3184  
 Engr. Ubaid

**To:** Ali Sufyan  
 Deputy Executive Officer (Works) Punjab Safe Cities Authority Lahore.  
**Project:** Restoration/Relocation/Shifting of PSCA Infrastructure at Different Sites Through Framework Contract. (M/S CMC Engineering Services).  
**Our Ref. No.** CL/CED/ 8726      **Dated:** 06-05-22  
**Your Ref. No.** 4646/Works/PSCA/2022      **Dated:** 20/4/2022

**Test Specification**  
 ( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: **25/4/2022** Tested on: **28/4/2022** 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	I-Pole Foundation	25	3	2022	6Diax12	---	13	28.28	49	3881	---	Engraved
2	I-Pole Foundation	25	3	2022	6Diax12	---	13	28.28	54	4277	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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.

3160  
 Engr. Ubaid

To: **Nouman Rafique**  
 Chief Technical Officer Sabcon Associates (Pvt) Ltd.

Project: Construction of Commercial Building at 388-A Gurumangat Road, Lahore.

Our Ref. No. CL/CED/ 8727

Dated: 06-05-22

Test Specification

Your Ref. No. SABCON/2022/CTO/12

Dated: 20/4/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **20/4/2022** Tested on: **28/4/2022** 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	---	13	3	2022	6Diax12	---	13	28.28	67	5307	---	Non Engraved
2	---	13	3	2022	6Diax12	---	12.6	28.28	51	4040	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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



**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.

3160  
 Engr. Ubaid

To: **Nouman Rafique**  
 Chief Technical Officer Sabcon Associates (Pvt) Ltd.

Project: Construction of Commercial Building at 388-A Gurumangat Road, Lahore.

Our Ref. No. CL/CED/ 8728

Dated: 06-05-22

Test Specification

Your Ref. No. SABCON/2022/CTO/11

Dated: 20/4/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **20/4/2022** Tested on: **28/4/2022** 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	---	6	3	2022	6Diax12	---	12.4	28.28	41	3248	---	Non Engraved
2	---	6	3	2022	6Diax12	---	13	28.28	50	3960	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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



**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.

3149  
 Engr. Ubaid

To: **Amein Uddin**  
 PM Project, Majeed Associates (Pvt) Ltd. Karachi.

Project: Construction of ABL Bank Branch Bahria Town Orchard Lahore. (Tetra Ready Mix).

Our Ref. No. CL/CED/ 8729

Dated: 06-05-22

Test Specification

Your Ref. No. Nil

Dated: Nil

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **19/4/2022** Tested on: **28/4/2022** 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	F.F Columns (4000 Psi)	24	3	2022	6Diax12	---	13	28.28	39	3089	---	Non Engraved
2	F.F Columns (4000 Psi)	24	3	2022	6Diax12	---	13.2	28.28	42	3327	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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.

3149  
 Engr. Ubaid

To: **Amein Uddin**  
 PM Project, Majeed Associates (Pvt) Ltd. Karachi.

Project: Construction of ABL Bank Branch Bahria Town Orchard Lahore. (Tetra Ready Mix).

Our Ref. No. CL/CED/ 8730

Dated: 06-05-22

Test Specification

Your Ref. No. Nil

Dated: Nil

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **19/4/2022** Tested on: **28/4/2022** 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 Roof (3000 Psi)	18	3	2022	6Diax12	---	13	28.28	33	2614	---	Non Engraved
2	Basement Roof (3000 Psi)	18	3	2022	6Diax12	---	13	28.28	30	2376	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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



**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.

3206  
 Engr. Ubaid

To: **Aqeel Aslam**  
 Manager Projects Fatima Memorial Hospital, Shadman, Lahore.

Project: Construction of New Building at Fatima Memorial Hospital Lahore.

Our Ref. No. CL/CED/ 8731

Dated: 06-05-22

Test Specification

Your Ref. No. FMH/RAF/con/01

Dated: 26/4/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **26/4/2022** Tested on: **28/4/2022** 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	3rd Floor Column (5000 Psi)	19	4	2022	6Diax12	---	14	28.28	44	3485	---	Non Engraved
2	3rd Floor Column (5000 Psi)	19	4	2022	6Diax12	---	14.6	28.28	47	3723	---	Non Engraved
3	3rd Floor Column (5000 Psi)	20	4	2022	6Diax12	---	14.6	28.28	39	3089	---	Non Engraved
4	3rd Floor Column (5000 Psi)	20	4	2022	6Diax12	---	14.2	28.28	35	2772	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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



**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.

3172  
 Engr. Ubaid

To: Resident Engineer  
 Engineering Services Consultants Pvt. Ltd.

Project: Establishment of Center of Excellence Boys at Chakwal.

Our Ref. No. CL/CED/ 8732

Dated: 06-05-22

Test Specification

Your Ref. No. RE/ESC/COE/2022-23

Dated: 18/4/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 21/4/2022 Tested on: 28/4/2022 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	Admin Block Slab (1:1.5:3)	22	3	2022	6Diax12	---	13.2	28.28	67	5307	---	Non Engraved
2	Admin Block Slab (1:1.5:3)	22	3	2022	6Diax12	---	13	28.28	69	5465	---	Non Engraved
3	Admin Block Slab (1:1.5:3)	22	3	2022	6Diax12	---	13	28.28	73	5782	---	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.

3197  
 Engr. Ubaid

To: Project Manager  
 Q-Links Property Management Pvt. Ltd

Project: Construction of Jasmine Grand Mall, Bahria Town, Lahore.

Our Ref. No. CL/CED/ 8733

Dated: 06-05-22

Test Specification

Your Ref. No. QLC-BO-BH2-2022-04-LTR-010

Dated: 22/4/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 26/4/2022 Tested on: 28/4/2022 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	1st F. Column (5500 Psi)	20	3	2022	6Diax12	---	13	28.28	47	3723	---	Engraved
2	1st F. Column (5500 Psi)	21	3	2022	6Diax12	---	13	28.28	43	3406	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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



**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.

3197  
 Engr. Ubaid

To: Project Manager  
 Q-Links Property Management Pvt. Ltd

Project: Construction of Jasmine Grand Mall Bahria Town, Lahore.

Our Ref. No. CL/CED/ 8734

Dated: 06-05-22

Test Specification

Your Ref. No. QLC-BO-BH2-2022-04-LTR-013

Dated: 22/4/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 26/4/2022 Tested on: 28/4/2022 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	G.F. Slab Column (3000 Psi)	26	3	2022	6Diax12	---	13.2	28.28	26	2059	---	Engraved
2	G.F. Slab Column (3000 Psi)	26	3	2022	6Diax12	---	12.8	28.28	28	2218	---	Engraved
3	G.F. Slab Column (3000 Psi)	26	3	2022	6Diax12	---	13.2	28.28	29	2297	---	Engraved
4	1st F. Column (5500 Psi)	26	3	2022	6Diax12	---	13	28.28	53	4198	---	Engraved
5	1st F. Column (5500 Psi)	22	3	2022	6Diax12	---	13	28.28	59	4673	---	Engraved
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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.

3190  
 Dr. Mazhar

To: Muhammad Shahbaz  
 For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8735

Dated: 06-05-22

Test Specification

Your Ref. No. IHPL/Con/745

Dated: 07-04-22

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 25/4/2022 Tested on: 27/4/2022 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	4000 Psi	16	3	2022	6Diax12	---	13.4	28.28	75	5941	---	Non Engraved
2	4000 Psi	16	3	2022	6Diax12	---	13.4	28.28	81	6416	---	Non Engraved
3	4000 Psi	16	3	2022	6Diax12	---	14.2	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan

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.

3190  
 Dr. Mazhar

To: **Muhammad Shahbaz**  
 For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8736

Dated: 06-05-22

Test Specification

Your Ref. No. IHPL/Con/758

Dated: 18/4/2022

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: **25/4/2022** Tested on: **27/4/2022** 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	4000 Psi	28	3	2022	6Diax12	---	13.4	28.28	57	4515	---	Non Engraved
2	4000 Psi	28	3	2022	6Diax12	---	14	28.28	41	3248	---	Non Engraved
3	4000 Psi	28	3	2022	6Diax12	---	13	28.28	53	4198	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan

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.

3190  
 Dr. Mazhar

To: **Muhammad Shahbaz**  
 For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8737

Dated: 06-05-22

Test Specification

Your Ref. No. IHPL/Con/757

Dated: 18/4/2022

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: **25/4/2022** Tested on: **27/4/2022** 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	26	3	2022	6Diax12	---	13	28.28	69	5465	---	Non Engraved
2	6000 Psi	26	3	2022	6Diax12	---	13.4	28.28	78	6178	---	Non Engraved
3	6000 Psi	26	3	2022	6Diax12	---	14	28.28	69	5465	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: **Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan**

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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**ORIGINAL**  
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3190  
 Dr. Mazhar

To: **Muhammad Shahbaz**  
 For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8738

Dated: 06-05-22

Test Specification

Your Ref. No. IHPL/Con/756

Dated: 18/4/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **25/4/2022** Tested on: **27/4/2022** 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	25	3	2022	6Diax12	---	14	28.28	77	6099	---	Non Engraved
2	6000 Psi	25	3	2022	6Diax12	---	13.2	28.28	71	5624	---	Non Engraved
3	6000 Psi	25	3	2022	6Diax12	---	14	28.28	77	6099	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan

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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3190  
 Dr. Mazhar

To: **Muhammad Shahbaz**  
 For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8739

Dated: 06-05-22

Test Specification

Your Ref. No. IHPL/Con/755

Dated: 18/4/2022

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: **25/4/2022** Tested on: **27/4/2022** 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	23	3	2022	6Diax12	---	13.2	28.28	73	5782	---	Non Engraved
2	6000 Psi	23	3	2022	6Diax12	---	14	28.28	73	5782	---	Non Engraved
3	6000 Psi	23	3	2022	6Diax12	---	14	28.28	79	6257	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



**Plain and Reinforced Concrete Laboratory**  
**Civil Engineering Department**  
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3190  
 Dr. Mazhar

To: **Muhammad Shahbaz**  
 For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8740

Dated: 06-05-22

Test Specification

Your Ref. No. IHPL/Con/753

Dated: 18/4/2022

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: **25/4/2022** Tested on: **27/4/2022** 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	4000 Psi	22	3	2022	6Diax12	---	14	28.28	100	7921	---	Non Engraved
2	4000 Psi	22	3	2022	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
3	4000 Psi	22	3	2022	6Diax12	---	13.4	28.28	55	4356	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan

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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)
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Director/Dy. Director Concrete Laboratory



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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

3190  
 Dr. Mazhar

To: **Muhammad Shahbaz**  
 For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8741

Dated: 06-05-22

Test Specification

Your Ref. No. IHPL/Con/754

Dated: 18/4/2022

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: **25/4/2022** Tested on: **27/4/2022** 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	22	3	2022	6Diax12	---	13.4	28.28	81	6416	---	Non Engraved
2	6000 Psi	22	3	2022	6Diax12	---	14	28.28	86	6812	---	Non Engraved
3	6000 Psi	22	3	2022	6Diax12	---	13.6	28.28	79	6257	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan

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- \*\* 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

- 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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**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.

3190  
 Dr. Mazhar

To: **Muhammad Shahbaz**  
 For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8742

Dated: 06-05-22

Test Specification

Your Ref. No. IHPL/Con/752

Dated: 18/4/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **25/4/2022** Tested on: **27/4/2022** 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	4000 Psi	21	3	2022	6Diax12	---	13	28.28	73	5782	---	Non Engraved
2	4000 Psi	21	3	2022	6Diax12	---	13.6	28.28	78	6178	---	Non Engraved
3	4000 Psi	21	3	2022	6Diax12	---	14	28.28	81	6416	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan

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.

3190  
 Dr. Mazhar

To: **Muhammad Shahbaz**  
 For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8743

Dated: 06-05-22

Test Specification

Your Ref. No. IHPL/Con/751

Dated: 18/4/2022

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: **25/4/2022** Tested on: **27/4/2022** 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	20	3	2022	6Diax12	---	13.2	28.28	81	6416	---	Non Engraved
2	6000 Psi	20	3	2022	6Diax12	---	14	28.28	83	6574	---	Non Engraved
3	6000 Psi	20	3	2022	6Diax12	---	13.4	28.28	81	6416	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan

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.

3190  
 Dr. Mazhar

**To:** Muhammad Shahbaz  
 For and Behalf of Imperium Hospitality (Pvt) Ltd

**Project:** Nil

**Our Ref. No.** CL/CED/ 8744

**Dated:** 06-05-22

**Test Specification**

**Your Ref. No.** IHPL/Con/749

**Dated:** 18/4/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **25/4/2022** Tested on: **27/4/2022** 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	4000 Psi	19	3	2022	6Diax12	---	14	28.28	75	5941	---	Non Engraved
2	4000 Psi	19	3	2022	6Diax12	---	13.4	28.28	71	5624	---	Non Engraved
3	4000 Psi	19	3	2022	6Diax12	---	13	28.28	74	5861	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan

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.

3190  
 Dr. Mazhar

To: **Muhammad Shahbaz**  
 For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8745

Dated: 06-05-22

Test Specification

Your Ref. No. IHPL/Con/750

Dated: 18/4/2022

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: **25/4/2022** Tested on: **27/4/2022** 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	3	2022	6Diax12	---	13.8	28.28	86	6812	---	Non Engraved
2	6000 Psi	19	3	2022	6Diax12	---	13.2	28.28	83	6574	---	Non Engraved
3	6000 Psi	19	3	2022	6Diax12	---	13.2	28.28	86	6812	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan

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.

3190  
 Dr. Mazhar

To: **Muhammad Shahbaz**  
 For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8746

Dated: 06-05-22

Test Specification

Your Ref. No. IHPL/Con/747

Dated: 18/4/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **25/4/2022** Tested on: **27/4/2022** 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	4000 Psi	17	3	2022	6Diax12	---	13.4	28.28	65	5149	---	Non Engraved
2	4000 Psi	17	3	2022	6Diax12	---	13.8	28.28	77	6099	---	Non Engraved
3	4000 Psi	17	3	2022	6Diax12	---	14	28.28	73	5782	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan

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.

3190  
 Dr. Mazhar

To: **Muhammad Shahbaz**  
 For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8747

Dated: 06-05-22

Test Specification

Your Ref. No. IHPL/Con/748

Dated: 18/4/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **25/4/2022** Tested on: **27/4/2022** 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	17	3	2022	6Diax12	---	13.4	28.28	86	6812	---	Non Engraved
2	6000 Psi	17	3	2022	6Diax12	---	13.4	28.28	69	5465	---	Non Engraved
3	6000 Psi	17	3	2022	6Diax12	---	14	28.28	88	6970	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan

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.

3203  
 Dr. Mazhar

**To:** (Ali Zahid Latif)  
 Resident Engineer (Structure), NESPAK (Pvt) Limited  
 Project: Construction of Flyover and at Grade Improvement at Shahkaam Chowk Lahore. (M/s NLC Engineers.)  
 Our Ref. No. CL/CED/ 8748      Dated: 06-05-22  
 Your Ref. No. 4047/13/AZL/76      Dated: 21/4/2022

**Test Specification**  
 (----)

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **26/4/2022** Tested on: **27/4/2022** 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	Kerb Stone (M.S.C Wall)	---	---	---	6.7 x 6 x 6.6	---	10	40.2	63	3510	---	Cut Cube	
2	Kerb Stone (M.S.C Wall)	---	---	---	6.4 x 6.3 x 6.6	---	10.4	40.32	65	3611	---	Cut Cube	
3	Kerb Stone (M.S.C Wall)	---	---	---	6.5 x 6.3 x 6.6	---	10	40.95	67	3665	---	Cut Cube	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
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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



**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.

3202  
 Dr. Mazhar

**To:** Rashid Kamran  
 Resident Engineer (Road), NESPAK (Pvt) Limited. (Izhar Concrete Pvt Ltd.)  
 Project: Construction of Flyover and at Grade Improvement at Shahkaam Chowk Lahore. (M/s NLC Engineers.)  
 Our Ref. No. CL/CED/ 8749      Dated: 06-05-22  
 Your Ref. No. 4047/13/RK/73      Dated: 18/4/2022

**Test Specification**  
 (----)

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **26/4/2022** Tested on: **27/4/2022** 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	Kerb Stone (K-4)	---	---	---	5.9 x 6 x 5.8	---	8	35.4	126	7973	---	Cut Cube	
2	Kerb Stone (K-4)	---	---	---	5.9 x 5.9 x 5.8	---	7.4	34.81	65	4183	---	Cut Cube	
3	Kerb Stone (K-4)	---	---	---	6 x 5.9 x 5.9	---	7.8	35.4	75	4746	---	Cut Cube	
4	Kerb Stone (K-5)	---	---	---	5.8 x 5.9 x 5.5	---	7.8	34.22	146	9557	---	Cut Cube	
5	Kerb Stone (K-5)	---	---	---	5.8 x 5.8 x 5.8	---	8	33.64	134	8923	---	Cut Cube	
6	Kerb Stone (K-5)	---	---	---	5.9 x 5.9 x 5.5	---	7.6	34.81	150	9652	---	Cut Cube	
7	---	---	---	---	---	---	---	---	---	---	---	---	
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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



**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.

3187  
 Dr. Mazhar

To: M. Saddam Hussain  
 Field Engineer, MASCON Associates (Pvt.) Ltd

Project: Resident Supervision and Third Party Validation under the Development Scheme "Improvement and Development of Jallo Safari Lahore.

Our Ref. No. CL/CED/ 8750

Dated: 06-05-22

Test Specification

Your Ref. No. MAC-HAC/WLD/LAB/03

Dated: 15/4/2022

( ---- )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **25/4/2022** Tested on: **27/4/2022** 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	Kerb Stone	---	---	---	5.8 x 5.9 x 5.8	---	7.8	34.22	102	6677	---	Cut Cube	
2	Kerb Stone	---	---	---	5.8 x 5.8 x 5.8	---	7.6	33.64	116	7724	---	Cut Cube	
3	Kerb Stone	---	---	---	5.9 x 5.8 x 5.5	---	8	34.22	138	9033	---	Cut Cube	
4	Kerb Stone	---	---	---	5.9 x 5.9 x 6	---	8	34.81	126	8108	---	Cut Cube	
5	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2755	29.26	96	7349	---	---	
6	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2775	29.26	116	8880	---	---	
7	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2795	29.26	112	8574	---	---	
8	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2780	29.26	122	9340	---	---	
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" 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