



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.

3995
 Dr. Yousaf

To: Mr. Muhammad Tariq Shehzad, Executive Director-Projects
 Lake City Developers (Pvt.) Ltd. 13-Km, Raiwind Road, Lahore

Project: Nil

Our Ref. No. CL/CED/ 9972

Dated: 04/10/2022

Test Specification

Your Ref. No. LCRG/Con/002

Dated: 03/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 04/10/2022 Tested on: 04/10/2022 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	9	2022	6Diax12	---	13	28.28	58	4594	---	Non Engraved
2	4000 Psi	17	9	2022	6Diax12	---	13.2	28.28	65	5149	---	Non Engraved
3	4000 Psi	17	9	2022	6Diax12	---	13	28.28	63	4990	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Mubashar, CNIC # 14301-2070492-1

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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3995
 Dr. Yousaf

To: Mr. Muhammad Tariq Shehzad, Executive Director-Projects
 Lake City Developers (Pvt) Ltd. 13-Km, Raiwind Road, Lahore

Project: Nil

Our Ref. No. CL/CED/ 9973

Dated: 04/10/2022

Test Specification

Your Ref. No. LCRG/Con/001

Dated: 03/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 4/10/2022 Tested on: 04/10/2022 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	3	9	2022	6Diax12	---	13	28.28	71	5624	---	Non Engraved
2	4000 Psi	3	9	2022	6Diax12	---	13	28.28	81	6416	---	Non Engraved
3	4000 Psi	3	9	2022	6Diax12	---	13.2	28.28	73	5782	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Mubashar, CNIC # 14301-2070492-1

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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3940
 Dr. Aqsa

To: Mr. Waqas Ali
 Variant, 25-t, Gulberg II, Lahore

Project: Nil

Our Ref. No. CL/CED/ 9974

Dated: 04/10/2022

Test Specification

Your Ref. No. VA/29/43

Dated: 23/9/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **26/9/2022** Tested on: **03/10/2022** 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	Ret. Wall Slab Pour-2	22	8	2022	6Diax12	---	13.6	28.28	65	5149	---	Non Engraved
2	Ret. Wall Slab Pour-2	22	8	2022	6Diax12	---	13.4	28.28	76	6020	---	Non Engraved
3	Ret. Wall Slab Pour-2	22	8	2022	6Diax12	---	14	28.28	73	5782	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. M. 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

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Director/Dy. Director Concrete Laboratory



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3940
 Dr. Aqsa

To: Mr. Waqas Ali
 Variant, 25-t, Gulberg II, Lahore

Project: Nil

Our Ref. No. CL/CED/ 9975

Dated: 04/10/2022

Test Specification

Your Ref. No. VA/29/42

Dated: 23/9/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **26/9/2022** Tested on: **03/10/2022** 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	Columns Upper Basement	21	8	2022	6Diax12	---	14.4	28.28	98	7762	---	Non Engraved
2	Columns Upper Basement	21	8	2022	6Diax12	---	14.2	28.28	99	7842	---	Non Engraved
3	Columns Upper Basement	21	8	2022	6Diax12	---	14	28.28	38	3010	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. 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
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3940
 Dr. Aqsa

To: Mr. Waqas Ali
 Variant, 25-t, Gulberg II, Lahore

Project: Nil

Our Ref. No. CL/CED/ 9976

Dated: 04/10/2022

Test Specification

Your Ref. No. VA/29/41

Dated: 23/9/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 26/9/2022 Tested on: 03/10/2022 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	Lower Basement Slab Pour3+Ramp	19	8	2022	6Diax12	---	14.2	28.28	80	6337	---	Non Engraved
2	Lower Basement Slab Pour3+Ramp	19	8	2022	6Diax12	---	14	28.28	61	4832	---	Non Engraved
3	Lower Basement Slab Pour3+Ramp	19	8	2022	6Diax12	---	13.4	28.28	55	4356	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. 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)
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3977
 Dr. Umbreen

To: Engr. Haseeb Afzal, Project Manager
 HMB Developers Pvt. Ltd., Johar Town , Lahore.

Project: Construction of Commercial Tower, FTC Lahore

Our Ref. No. CL/CED/ 9977

Dated: 04/10/2022

Test Specification

Your Ref. No. HMBDPL/S.O/09/22/30th-1(LHR)

Dated: 30/9/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **30/9/2022** Tested on: **04/10/2022** 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	---	1	9	2022	6Diax12	---	13.4	28.28	69	5465	---	Non Engraved
2	---	1	9	2022	6Diax12	---	13	28.28	65	5149	---	Non Engraved
3	---	1	9	2022	6Diax12	---	13.4	28.28	47	3723	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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3977
 Dr. Umbreen

To: Engr. Haseeb Afzal, Project Manager
 HMB Developers Pvt. Ltd., Johar Town , Lahore.

Project: Construction of Commercial Tower, FTC Lahore

Our Ref. No. CL/CED/ 9978

Dated: 04/10/2022

Test Specification

Your Ref. No. HMBDPL/S.O/09/22/30th-2(LHR)

Dated: 30/9/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/9/2022 **Tested on:** 04/10/2022 **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	---	2	9	2022	6Diax12	---	13.4	28.28	83	6574	---	Non Engraved
2	---	2	9	2022	6Diax12	---	13.8	28.28	67	5307	---	Non Engraved
3	---	2	9	2022	6Diax12	---	13.2	28.28	73	5782	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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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3971
 Dr. Umbreen

To: Mr. Muhammad Asif, Project Manager
 Imperium Developers, 21-GF, 67 D/1 Gulberg-III, Lahore.

Project: Construction of Sixty6 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 9979

Dated: 04/10/2022

Test Specification

Your Ref. No. IMP/PM/66/09/06

Dated: 29/9/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 29/9/2022 **Tested on:** 04/10/2022 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	Column (6000 Psi)	24	8	2022	6Diax12	---	13.6	28.28	59	4673	---	Non Engraved
2	Column (6000 Psi)	24	8	2022	6Diax12	---	13.8	28.28	57	4515	---	Non Engraved
3	Column (6000 Psi)	26	8	2022	6Diax12	---	13.2	28.28	59	4673	---	Non Engraved
4	Column (6000 Psi)	26	8	2022	6Diax12	---	13.4	28.28	61	4832	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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.

3978
 Dr. Umbreen

To: Sub Divisional Officer
 Buildings Sub Division, Pattoki.

Project: Construction of Additional Academic Block at Govt. Degree College Pattoki for Boys, Pattoki
 District Kasur. ADP No. 352 for the year 2021-22.
 Our Ref. No. CL/CED/ 9980

Dated: 04/10/2022

Test Specification

Your Ref. No. 81/P

Dated: 26/9/2022

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30/9/2022 Tested on: 04/10/2022 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 Col. Fnd. (1:1.5:3)	27	8	2022	6x6x6	---	7.8	36	65	4044	---	Non Engraved
2	RCC Col. Fnd. (1:1.5:3)	27	8	2022	6x6x6	---	8	36	67	4169	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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.

3988
 Dr. Umbreen

To: Mr. Waqas, Project Manager
 Prime Tolling Company (Pvt.) Ltd.

Project: Construction of PTC Kasur.

Our Ref. No. CL/CED/ 9981

Dated: 04/10/2022

Test Specification

Your Ref. No. Nil

Dated: 03/10/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 3/10/2022 Tested on: 04/10/2022 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 Foundation (4000 Psi)	13	8	2022	6x6x6	---	7.2	36	39	2427	---	Non Engraved
2	RCC Foundation (4000 Psi)	13	8	2022	6x6x6	---	7.2	36	41	2551	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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.

3984
 Dr. Umbreen

To: Professional Construction Services Pvt. Ltd.
 301-A, Block-R, Johar Town, Lahore.

Project: Construction of TCF Secondary School Thatta Ghulab Singh Kamokey, Gujranwala.

Our Ref. No. CL/CED/ 9982

Dated: 04/10/2022

Test Specification

Your Ref. No. PCS/22/Eng-107

Dated: 30/9/2022

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 3/10/2022 **Tested on:** 04/10/2022 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	Footing (1:2:4)	30	3	2022	6x6x6	---	8.8	36	55	3422	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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.

3989
 Dr. Umbreen

To: Deputy Director, PHATA Sub Region Okara.
 Punjab Housing and Town Planning Agency Sub Region, Okara.
Project: Construction of Houses 3-Marla & 5-Marla in ADS-II Renala Khurd District Okara under Naya Pakistan Housing Program. (M/S Pak Shahid Developers & JV Recent Construction).
Our Ref. No. CL/CED/ 9983 **Dated:** 04/10/2022
Your Ref. No. N0. 1070 **Dated:** 29/9/2022

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 3/10/2022 **Tested on:** 04/10/2022 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	---	28	8	2022	6x6x6	---	8	36	45	2800	---	Non Engraved
2	---	28	8	2022	6x6x6	---	8.4	36	43	2676	---	Non Engraved
3	---	29	8	2022	6x6x6	---	8.6	36	45	2800	---	Non Engraved
4	---	29	8	2022	6x6x6	---	8.4	36	41	2551	---	Non Engraved
5	---	30	8	2022	6x6x6	---	8.8	36	51	3173	---	Non Engraved
6	---	30	8	2022	6x6x6	---	8.6	36	53	3298	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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.

3932
 Dr. Yousaf

To: Mr. Sana Ullah Cheema, Resident Engineer
 AZ Engineering Associates, Gujranwala.(M/S Shaikh Iqbal Akhtar & Co.)

Project: Rehabilitation of GT Road Gujrat from Bab-e-Gujrat to National Furniture L=13.40 Kms, District Gujrat (Group No.1 Km 0.00 to 10.00 (Except PSDP Scheme Portion I.E Km 0.00 to 1.10) L=8.90 Km)
Our Ref. No. CL/CED/ 9984 **Dated:** 10/04/2022

Your Ref. No. AZEA/RE/GRW/402

Dated: 09/08/2022

Test Specification
 (---)

COMPRESSION TEST REPORT



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

Specimens received on: 22/9/2022 **Tested on:** 10/04/2022 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	---	---	---	6 x 6 x 6	---	8.4	36	61	3796	---	Cut Cube
2	Kerb Stone	---	---	---	5.8 x 5.8 x 5.9	---	7.6	33.64	70	4661	---	Cut Cube
3	Kerb Stone	---	---	---	5.7 x 5.7 x 5.8	---	7.6	32.49	45	3102	---	Cut Cube
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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.

3911
 Dr. Umbreen

To: Sub Divisional Officer
 Building Sub Division, Hafizabad.(M/S S.A Construction Company Govt. Contractor)
Project: Upgradation of D.H.Q. Hospital Hafizabad (Group No. 4-A) Car Parking Shed 5mm Sheet Fiber & External Development
Our Ref. No. CL/CED/ 9985 **Dated:** 04/10/2022 **Test Specification**
Your Ref. No. 1629/HZ **Dated:** 16/9/2022 (---)

COMPRESSION TEST REPORT



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

Specimens received on: 20/9/2022 **Tested on:** 04/10/2022 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	Rectangular, Grey, 80mm	---	---	---	7.9 x 3.9 x 3.1	---	3700	30.81	102	7416	---	Sultan Concrete
2	Rectangular, Grey, 80mm	---	---	---	7.9 x 3.9 x 3.1	---	3710	30.81	108	7852	---	Sultan Concrete
3	Rectangular, Grey, 80mm	---	---	---	7.9 x 3.9 x 3.1	---	3745	30.81	92	6689	---	Sultan Concrete
4	Rectangular, Grey, 80mm	---	---	---	7.9 x 3.9 x 3.1	---	3605	30.81	104	7561	---	Sultan Concrete
5	Rectangular, Red, 80mm	---	---	---	7.9 x 3.9 x 3.1	---	3545	30.81	110	7997	---	Sultan Concrete
6	Rectangular, Red, 80mm	---	---	---	7.9 x 3.9 x 3.1	---	3780	30.81	104	7561	---	Sultan Concrete
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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.

3841
 Dr. Mazhar

To: Major. Bilal Khan Yousafzai, Pakistan Rangers, (Punjab)
 Ghazi Road, Lahore.

Project: Construction of OPD Block at Headquarters Pakistan Rangers (Punjab) Lahore.

Our Ref. No. CL/CED/ 9986

Dated: 04/10/2022

Test Specification

Your Ref. No. 2231/Works/1430

Dated: 26/08/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 06/09/2022 Tested on: 28/9/2022 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	S	---	---	---	8.8 x 4.3 x 3.1	3885	3475	37.84	55	3256	11.8	---	
2	S	---	---	---	8.8 x 4.3 x 3	3835	3425	37.84	55	3256	11.97	---	
3	S	---	---	---	8.9 x 4.3 x 3	3820	3480	38.27	47	2751	9.77	---	
4	S	---	---	---	8.8 x 4.3 x 3	3630	3340	37.84	57	3374	8.68	---	
5	S	---	---	---	9 x 4.4 x 3	3915	3470	39.6	57	3224	12.82	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
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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.

3980
 Dr. Yousaf

To: Mr. Saad Hussain
 Construction Specialist / Senior Engineer, Construction Management Division, NESPAK (Pvt.) Ltd

Project: EXPO CENTRE PESHAWAR. (Contractor: M/S Khan Brother Engineers)

Our Ref. No. CL/CED/ 9987

Dated: 04/10/2022

Test Specification

Your Ref. No. 3938/13/SH/01/30626

Dated: 22/9/2022

(BS 6717)

COMPRESSION TEST REPORT



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

Specimens received on: **30/09/2022** Tested on: **30/09/2022** 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	Rectangular, Grey, 80mm (P1)	---	---	---	7.8 x 3.8 x 3.1	---	3590	29.64	92	6953	---	8205
2	Rectangular, Grey, 80mm (P1A)	---	---	---	7.8 x 3.8 x 3.1	---	3565	29.64	98	7406	---	8739
3	Rectangular, Grey, 80mm (P1B)	---	---	---	7.8 x 3.8 x 3.1	---	3590	29.64	104	7860	---	9275
4	Rectangular, Grey, 80mm (P1C)	---	---	---	7.8 x 3.8 x 3.1	---	3540	29.64	107	8086	---	9541
5	Rectangular, Grey, 80mm (P2)	---	---	---	7.8 x 3.8 x 3.1	---	3530	29.64	100	7557	---	8917
6	Rectangular, Grey, 80mm (P2A)	---	---	---	7.8 x 3.8 x 3.1	---	3545	29.64	104	7860	---	9275
7	Rectangular, Grey, 80mm (P2B)	---	---	---	7.8 x 3.8 x 3.1	---	3610	29.64	100	7557	---	8917
8	Rectangular, Grey, 80mm (P2C)	---	---	---	7.8 x 3.8 x 3.1	---	3640	29.64	100	7557	---	8917
9	Rectangular, Grey, 80mm (P3)	---	---	---	7.8 x 3.8 x 3.1	---	3580	29.64	113	8540	---	10077
10	Rectangular, Grey, 80mm (P3A)	---	---	---	7.8 x 3.8 x 3.1	---	3610	29.64	118	8918	---	10523
11	Rectangular, Grey, 80mm (P3B)	---	---	---	7.8 x 3.8 x 3.1	---	3620	29.64	98	7406	---	8739
12	Rectangular, Grey, 80mm (P3C)	---	---	---	7.8 x 3.8 x 3.1	---	3600	29.64	100	7557	---	8917
13	Rectangular, Grey, 80mm (P4)	---	---	---	7.8 x 3.8 x 3.1	---	3665	29.64	97	7331	---	8651
14	Rectangular, Grey, 80mm (P4A)	---	---	---	7.8 x 3.8 x 3.1	---	3550	29.64	84	6348	---	7491
15	Rectangular, Grey, 80mm (P4B)	---	---	---	7.8 x 3.8 x 3.1	---	3640	29.64	101	7633	---	9007
16	Rectangular, Grey, 80mm (P4C)	---	---	---	7.8 x 3.8 x 3.1	---	3660	29.64	114	8615	---	10166

Witnessed by: Mr. Usman Fazal, CNIC # 34104-7190201-5

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