



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.

2768
 Dr. Umbreen

To: Sub Divisional Officer.
 Building Sub Division No.9, Lahore

Project: Master Planning of Qurban Lines, Lahore Phase-I. Construction of BS (18-19) Apartments at Qurban Lines, Lahore.

Our Ref. No. CL/CED/ 8049

Dated: 16-02-22

Test Specification

Your Ref. No. 70/9th

Dated: 22-01-22

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 14-02-22 Tested on: 16-02-22 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Raft Foundation(1:2:4)	21	1	2022	6x6x6	---	8	36	53	3298	---	Non Engraved
2	Raft Foundation(1:2:4)	21	1	2022	6x6x6	---	8.4	36	83	5164	---	Non Engraved
3	Raft Foundation(1:2:4)	21	1	2022	6x6x6	---	8.6	36	86	5351	---	Non Engraved
4	Raft Foundation(1:2:4)	21	1	2022	6x6x6	---	8.2	36	83	5164	---	Non Engraved
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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



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ORIGINAL
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2768
 Dr. Umbreen

To: Sub Divisional Officer.
 Building Sub Division No.9, Lahore

Project: Master Planning of Qurban Lines, Lahore Phase-I. Construction of BS (18-19) Appartments at Qurban Lines, Lahore.

Our Ref. No. CL/CED/ 8050

Dated: 16-02-22

Test Specification

Your Ref. No. 76/9th

Dated: 25-01-22

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 14-02-22 Tested on: 16-02-22 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	Neck Column(1:1.5:3)	24	1	2022	6x6x6	---	8.4	36	79	4916	---	Non Engraved
2	Neck Column(1:1.5:3)	24	1	2022	6x6x6	---	8	36	81	5040	---	Non Engraved
3	Neck Column(1:1.5:3)	24	1	2022	6x6x6	---	8.4	36	104	6471	---	Non Engraved
4	Neck Column(1:1.5:3)	24	1	2022	6x6x6	---	8.2	36	94	5849	---	Non Engraved
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
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2771
 Dr. M. Yousaf

To: Mr. Muhammad Saleem Awan, FM (Works Div) SRDC-L
 SUPARCO Office, Works Division, P.O Punjab University, Samanabad Road, Lahore.

Project: Construction of MTVC Facility at SRDC-L.

Our Ref. No. CL/CED/ 8051

Dated: 16-02-22

Test Specification

Your Ref. No. 63301(MTVC) Works/Div/SRDC-L

Dated: 14-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **15-02-22** Tested on: **16-02-22** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	RCC Column and Corbel (5000 Psi)	18	1	2022	6Diax12	---	13.8	28.28	68	5386	---	Non Engraved
2	RCC Column and Corbel (5000 Psi)	18	1	2022	6Diax12	---	13.4	28.28	79	6257	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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



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ORIGINAL
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2776
 Dr. Umbreen

To: Mr. Javeed Aslam, Lab Incharge, Banu Mukhtar
 Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Construction of Sunshine.

Our Ref. No. CL/CED/ 8052

Dated: 16-02-22

Test Specification

Your Ref. No. SPS/BML/006/2022

Dated: 15-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 16-02-22 **Tested on:** 16-02-22 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	P-4 (5000 Psi)	9	1	2022	6Diax12	---	13	28.28	55	4356	---	Non Engraved
2	P-5 (5000 Psi)	9	1	2022	6Diax12	---	14	28.28	63	4990	---	Non Engraved
3	P-6 (5000 Psi)	9	1	2022	6Diax12	---	13	28.28	81	6416	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Javeed Aslam, CNIC # 34203-1299640-7

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Director/Dy. Director Concrete Laboratory



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2776
 Dr. Umbreen

To: Mr. Javeed Aslam, Lab Incharge, Banu Mukhtar
 Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Construction of Sunshine.

Our Ref. No. CL/CED/ 8053

Dated: 16-02-22

Test Specification

Your Ref. No. SPS/BML/007/2022

Dated: 15-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **16-02-22** Tested on: **16-02-22** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	P-4 (5000 Psi)	11	1	2022	6Diax12	---	14	28.28	83	6574	---	Non Engraved
2	P-6 (5000 Psi)	11	1	2022	6Diax12	---	14	28.28	104	8238	---	Non Engraved
3	P-5 (5000 Psi)	11	1	2022	6Diax12	---	13.6	28.28	94	7446	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Javeed Aslam, CNIC # 34203-1299640-7

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2709
 Engr. Ubaid

To: Executive Engineer (B&W)
 University of Veterinary & Animal Sciences, Lahore (M/s Junaid & Brothers)
Project: Construction of Residences for (Grade 1-10) Block-II at Ahata Quarters City Campus, UVAS Lahore.
 Our Ref. No. CL/CED/ 8054 Dated: 16-02-22
 Your Ref. No. E.E 648 Dated: 13-10-21

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 07-02-22 Tested on: 10-02-22 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Ground Floor Slab (1:2:4)	16	9	2021	6x6x6	---	8	36	57	3547	---	Engraved
2	Ground Floor Slab (1:2:4)	16	9	2021	6x6x6	---	8.2	36	71	4418	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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Note: Above results pertain to the unsealed samples supplied to the laboratory

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- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2711
 Engr. Ubaid

To: Engr. Muhammad Younas, Resident Engineer (NESPAK), QABP, Sheikhpura.
 NESPAK House: 1-C, Block-N, Model Town Extension, Lahore.

Project: Infrastructure Development of Quaid-e-Azam Business Park on Motorway M-2, District Sheikhpura.

Our Ref. No. CL/CED/ 8055

Dated: 16-02-22

Test Specification

Your Ref. No. 4163/11/MY/01/144

Dated: 02-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **07-02-22** Tested on: **10-02-22** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Raft OHWT #5	4	1	2022	6Diax12	---	14	28.28	94	7446	---	Non Engraved
2	Raft OHWT #5	4	1	2022	6Diax12	---	14	28.28	110	8713	---	Non Engraved
3	Raft OHWT #5	4	1	2022	6Diax12	---	14	28.28	114	9030	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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2719
 Dr. Umbreen

To: Lt. Col Muhammad Asif, (Retd), Site Administrator
 Bismillah Housing Society, Phase-II, Mustafa Abad(Laliani) Lahore.

Project: Nill

Our Ref. No. CL/CED/ 8056

Dated: 16-02-22

Test Specification

Your Ref. No. Nill

Dated: 08-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 08-02-22 **Tested on:** 16-02-22 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Head Office Column(4000 Psi)	26	1	2022	6Diax12	---	12.8	28.28	55	4356	---	Engraved
2	Head Office Column(4000 Psi)	26	1	2022	6Diax12	---	13	28.28	55	4356	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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