



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.

1875
 Engr. Ubiad

To: Mr.Ghulam Abbas (Assistant Executive Engineer, Civil)
 M/s College of Veterinary & Animal Sciences, Narowal Campus (M/s AH Construction)

Project: Construction og Girls Hostel and Residences for Grade -20 at KBCMA CVAS Narowal

Our Ref. No. CL/CED/ 4926

Dated: 16-09-21

Test Specification

Your Ref. No. A.E.E./NC 111

Dated: 08-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10-09-21 **Tested on:** 15-09-21 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	GF Roof Slab (1:2:4)	13	8	2021	6Diax12	---	13.4	28.28	59	4598	---	Non Engraved
2	GF Roof Slab (1:2:4)	13	8	2021	6Diax12	---	14	28.28	48	3741	---	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



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ORIGINAL
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1904
 Engr. Ubaid

To: Mr.M. Danial (Construction Manager)
 M/s Rasheed & Brothers , Lahore.

Project: U.G Water Tank

Our Ref. No. CL/CED/ 4927

Dated: 16-09-21

Test Specification

Your Ref. No. No.15

Dated: 14-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 14-09-21 **Tested on:** 15-09-21 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	10	7	2021	6Diax12	---	13	28.28	61	4754	---	Non Engraved
2	---	10	7	2021	6Diax12	---	13	28.28	52	4053	---	Non Engraved
3	---	10	7	2021	6Diax12	---	14	28.28	66	5144	---	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



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1906
 Engr. Ubaid

To: Brig. Saeed Ahmed Malik (Resident Engineer)
 M/s NESPAK (Pvt.) Ltd. (Highways & Transportation Engineering Division)
 Project: Repair of Street & Sewerage at Street 69 Furniture Market, Sltan Ahmed Road, Rehmanpura , UC-85,
 MCL Samnabad Zone Lahore
 Our Ref. No. CL/CED/ 4928 Dated: 16-09-21
 Your Ref. No. 4084/103/BSAM/104/494 Dated: 20-07-21

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **15-09-21** Tested on: **15-09-21** 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 (met.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	---	26	6	2021	6x6x6	---	8	36	117	7163	---	Non Engraved
2	---	26	6	2021	6x6x6	---	8	36	69	4224	---	Non Engraved
3	---	26	6	2021	6x6x6	---	8	36	70	4286	---	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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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1879
 Engr. Ubaid

To: M/s S&S Associates
 Lahore.

Project: Construction of Extension of NCL-4 Zone-1

Our Ref. No. CL/CED/ 4929

Dated: 16-09-21

Test Specification

Your Ref. No. NCL 4/002

Dated: 13-09-21

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **13-09-21** Tested on: **15-09-21** 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Column Line FA Grid-1A	16	8	2021	6x6x6	---	8.6	36	67	4102	---	Non Engraved
2	Column Line FA Grid-1A	16	8	2021	6x6x6	---	8.4	36	59	3612	---	Engraved
3	Slab 7 to 8 F-D	16	8	2021	6x6x6	---	8.2	36	55	3367	---	Engraved
4	Slab 7 to 8 F-D	16	8	2021	6x6x6	---	8.4	36	67	4102	---	Engraved
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)
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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1879
 Engr. Ubaid

To: M/s S&S Associates
 Lahore.

Project: Construction of Yarn Godown Zone -2

Our Ref. No. CL/CED/ 4930

Dated: 16-09-21

Test Specification

Your Ref. No. NCL 4/004

Dated: 13-09-21

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Slab 2nd Floor Grid A-D/1-2	18	8	2021	6x6x6	---	8.2	36	45	2755	---	Engraved
2	Slab 2nd Floor Grid A-D/1-2	18	8	2021	6x6x6	---	8.2	36	46	2816	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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1879
 Engr. Ubaid

To: M/s S&S Associates
 Lahore.

Project: Construction of Extension of NCL-4 Zone -1

Our Ref. No. CL/CED/ 4931

Dated: 16-09-21

Test Specification

Your Ref. No. NCL 4/003

Dated: 13-09-21

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **13-09-21** Tested on: **15-09-21** 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Footing 19-20 Grid	16	8	2021	6x6x6	---	8.6	36	55	3367	---	Engraved
2	Footing 19-20 Grid	16	8	2021	6x6x6	---	8.4	36	57	3490	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department

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ORIGINAL
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1896
Engr. Ubaid

To: Mr. Arfan Nazir (Manager Civil)
M/s Nishat Mills Limited, Lahore. (M/s Ittefaq Building Solutions)

Project: Construction of Stitching Unit 31 Extension

Our Ref. No. CL/CED/ 4932

Dated: 16-09-21

Test Specification

Your Ref. No. Nil

Dated: 14-09-21

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 14-09-21 Tested on: 15-09-21 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	1st Floor Slab (1st Pur)	14	8	2021	6x6x6	---	9	36	51	3122	---	Engraved
2	1st Floor Slab (1st Pur)	14	8	2021	6x6x6	---	8.6	36	64	3918	---	Engraved
3	1st Floor Slab (1st Pur)	14	8	2021	6x6x6	---	8.6	36	70	4286	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Director/Dy. Director Concrete Laboratory



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1905
 Engr. Ubaid

To: Sub Divisional Officer (Buildings)
 Shahkot

Project: Construction of Residences at RHC Muhammad Pura Tehsil Shahkot District Nankana Sahib

Our Ref. No. CL/CED/ 4933

Dated: 16-09-21

Test Specification

Your Ref. No. No.2575

Dated: 01-07-21

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 15-09-21 Tested on: 15-09-21 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	RCC Strip Footing (1:2:4)	1	7	2021	6x6x6	---	8.6	36	35	2143	---	Non Engraved
2	RCC Strip Footing (1:2:4)	1	7	2021	6x6x6	---	8.2	36	39	2388	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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- * 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.

1911
 Engr. Ubaid

To: Mr. M. Luqman (Manager Projects FMH)
 M/s Fatima Memorial Hospital

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

Our Ref. No. CL/CED/ 4934

Dated: 16-09-21

Test Specification

Your Ref. No. FMH/RAF/Con/15

Dated: 13-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 15-09-21 **Tested on:** 16-09-21 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Shear Wall(5000) Psi	2	9	2021	6Diax12	---	13.2	28.28	53	4131	---	Engraved
2	Shear Wall(5000) Psi	2	9	2021	6Diax12	---	13	28.28	57	4442	---	Engraved
3	Shear Wall(5000) Psi	2	9	2021	6Diax12	---	13.8	28.28	45	3507	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

1915
 Engr. Ubaid

To: Engr. Anis Ahmed (Senior Engineer)
 M/s Mansoor Mazar & Associates Lahore.

Project: Construction of HFO Power House

Our Ref. No. CL/CED/ 4935

Dated: 16-09-21

Test Specification

Your Ref. No. MMA/PVC/P.H/001

Dated: 14-09-21

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 15-09-21 **Tested on:** 16-09-21 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	MT	---	---	---	8.8x4.3x3.0	---	3540	37.84	47	2738	---	---
2	MT	---	---	---	8.8x4.4x2.9	---	3580	38.72	49	2789	---	---
3	MT	---	---	---	8.8x4.3x3.0	---	3490	37.84	49	2854	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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