



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.

4161
 Dr. Yousaf

To: Executive Engineer
 Highway Division, Gujrat.

Project: Rehabilitation of GT Road from Bab-e-Gujrat to National Furniture Length = 13.40 Kms District Gujrat (Group No.1, Km No.0.00 to 10.00.). (Except PSDP Scheme Portion I.E. Km 0 to 1.10, L=8.90 Kms)
 Our Ref. No. CL/CED/ 272 Dated: 04-11-22

Your Ref. No. 2655/MCB

Dated: 22-09-22

Test Specification
 (----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 31-10-22 Tested on: 04-11-22 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	Kerb Stone	---	---	---	5.8x5.8x5.9	---	8	33.64	58	3862	---	Cut Cube
2	Kerb Stone	---	---	---	5.9x5.9x5.8	---	8	34.81	66	4247	---	Cut Cube
3	Kerb Stone	---	---	---	6x6x6	---	8.2	36	87	5413	---	Cut Cube
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



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ORIGINAL
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3999
 Dr. Yousaf

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/ 273

Dated: 04-11-22

Test Specification

Your Ref. No. 395-97/20th

Dated: 27-09-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 4/10/2022 **Tested on:** 04-11-22 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 Col. 2nd Floor (1: 1 1/2: 3)	2	9	2022	6x6x6	---	8.4	36	60	3733	---	Non Engraved
2	RCC Col. 2nd Floor (1: 1 1/2: 3)	2	9	2022	6x6x6	---	8.2	36	134	8338	---	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
- *** 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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3999
 Dr. Yousaf

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/ 274

Dated: 04-11-22

Test Specification

Your Ref. No. 398/20th

Dated: 28/9/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 4/10/2022 Tested on: 04-11-22 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 Lift wall 2nd Floor (1: 1 1/2: 3)	3	9	2022	6x6x6	---	8.6	36	104	6471	---	Non Engraved
2	RCC Lift wall 2nd Floor (1: 1 1/2: 3)	3	9	2022	6x6x6	---	8.4	36	70	4356	---	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
- *** 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

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 Dr. Yousaf

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/ 275

Dated: 04-11-22

Test Specification

Your Ref. No. 391-93/20th

Dated: 24-09-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 4/10/2022 Tested on: 04-11-22 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 Slab 2nd Floor (1: 2: 4)	30	8	2022	6x6x6	---	8.4	36	120	7467	---	Non Engraved
2	RCC Slab 2nd Floor (1: 2: 4)	30	8	2022	6x6x6	---	8.8	36	108	6720	---	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/>

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4178
 Dr. Yousaf

To: Engr. Muhammad Kashif Saeed
 Planning and Coordination Engineer. (Contractor: Muhammad Ramzan Construction)

Project: BOPET Film Line (Novatex) Sheikhpura

Our Ref. No. CL/CED/ 276

Dated: 04-11-22

Test Specification

Your Ref. No. MRC/P-43/CONCRETE-02

Dated: 03-11-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 3/11/2022 **Tested on:** 04-11-22 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	3000 Psi	15	10	2022	6x6x6	---	8	36	60	3733	---	Non Engraved
2	3000 Psi	15	10	2022	6x6x6	---	8.6	36	61	3796	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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Director/Dy. Director Concrete Laboratory



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4179
 Dr. Yousaf

To: (Mr. Bilal Zafar Sheikh) PSP, Addl. Director Administration
 for Director/Deputy Inspector General of Police, Special Protection Unit (SPU), Punjab, Lahore
Project: Construction of Specialized Protection Unit Headquarter at Ladhiekey Uchey Tehsil Raiwind
 District Lahore ADP-3901/2022-23
Our Ref. No. CL/CED/ 277 **Dated:** 04-11-22
Your Ref. No. 15122/BC/SPU **Dated:** 16/08/2022

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 3/11/2022 **Tested on:** 04-11-22 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	Store Room (RCC Roof Slab GF.)	25	10	2022	6x6x6	---	8	36	25	1556	---	Engraved
2	Store Room (RCC Roof Slab GF.)	25	10	2022	6x6x6	---	8.2	36	26	1618	---	Engraved
3	Store Room (RCC Roof Slab GF.)	25	10	2022	6x6x6	---	8.2	36	35	2178	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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4172
 Dr. Yousaf

To: Engr. Bilal Yaqoob Virk
 Assistant Executive Engineer-II, CCD, PAK.PWD, Gujranwala
Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhpura,
 Phase-II (SH: Establishment of Library, Lab, E-Ticketing etc)
Our Ref. No. CL/CED/ 278 **Dated:** 04-11-22
Your Ref. No. AEE-II/CCD/GA/Work/NHMP/P-II/Lab/68 **Dated:** 11-08-22

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 01-11-22 **Tested on:** 04-11-22 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	7	---	---	---	8.7 x 4.2 x 3	3560	3250	36.54	30	1839	9.54	---	
2	7	---	---	---	8.5 x 4.2 x 2.8	3530	3235	35.7	35	2196	9.12	---	
3	7	---	---	---	8.4 x 4.2 x 2.8	3285	2975	35.28	41	2603	10.42	---	
4	7	---	---	---	8.3 x 4.2 x 2.7	3230	2940	34.86	42	2699	9.86	---	
5	7	---	---	---	8.6 x 4.3 x 3	3475	3135	36.98	38	2302	10.85	---	
6	7	---	---	---	8.6 x 4.2 x 2.8	3360	3075	36.12	47	2915	9.27	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
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Director/Dy. Director Concrete Laboratory



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4137
 Dr. Yousaf

To: Hafiz Muhammad Javeed
 Civil Manager, SUNSHINE by Stylers International

Project: Construction of Sunshine

Our Ref. No. CL/CED/ 279

Dated: 04-11-22

Test Specification

Your Ref. No. SPS/BML/016/2022

Dated: 20/10/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 26-10-22 **Tested on:** 04-11-22 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	AM	---	---	---	8.9 x 4.4 x 3.1	4055	3560	39.16	31	1773	13.9	---	
2	AM	---	---	---	9 x 4.4 x 3	3935	3480	39.6	34	1923	13.07	---	
3	AM	---	---	---	8.9 x 4.3 x 3.1	3985	3510	38.27	32	1873	13.53	---	
4	AM	---	---	---	8.8 x 4.3 x 3.1	3825	3395	37.84	42	2486	12.67	---	
5	AM	---	---	---	8.8 x 4.2 x 3.1	3830	3485	36.96	41	2485	9.9	---	
6	9	---	---	---	8.7 x 4.3 x 3.1	3700	3340	37.41	40	2395	10.78	---	
7	9	---	---	---	8.7 x 4.3 x 2.9	3605	3245	37.41	40	2395	11.09	---	
8	9	---	---	---	8.6 x 4.3 x 2.9	3550	3200	36.98	37	2241	10.94	---	
9	9	---	---	---	8.7 x 4.3 x 2.8	3540	3220	37.41	40	2395	9.94	---	
10	9	---	---	---	8.7 x 4.3 x 3	3670	3295	37.41	35	2096	11.38	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

4144
 Dr. Yousaf

To: Mr. Muhammad Aman Ullah
 Resident Engineer, Construction Management Division, NESPAK (Pvt.) Ltd.
 Project: Development of Underground External Electrification Network in LDA City Housing Scheme, Lahore (Development Area-1) Package-2 & 4
 Our Ref. No. CL/CED/ 280
 Your Ref. No. 4047/13/MA/04/33

Dated: 04-11-22 Test Specification
 Dated: 14/10/2022 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **26/10/2022** Tested on: **04-11-22** 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	Machine Made Double Line	---	---	---	8.5 x 4.3 x 2.7	3105	2650	36.55	34	2084	17.17	---
2	Machine Made Double Line	---	---	---	8.4 x 4.3 x 2.8	3225	2625	36.12	33	2047	22.86	---
3	Machine Made Double Line	---	---	---	8.6 x 4.2 x 2.8	3180	2650	36.12	42	2605	20	---
4	Machine Made Double Line	---	---	---	8.7 x 4.3 x 2.8	3270	2690	37.41	39	2335	21.56	---
5	Machine Made Double Line	---	---	---	8.7 x 4.3 x 2.9	3460	2905	37.41	41	2455	19.1	---
6	Machine Made Double Line	---	---	---	8.8 x 4.3 x 2.8	3315	2750	37.84	45	2664	20.55	---
7	Machine Made Double Line	---	---	---	8.8 x 4.3 x 2.9	3415	2850	37.84	32	1894	19.82	---
8	Machine Made Double Line	---	---	---	8.9 x 4.3 x 2.9	3410	2845	38.27	43	2517	19.86	---
9	Machine Made Double Line	---	---	---	8.7 x 4.3 x 2.8	3220	2680	37.41	37	2215	20.15	---
10	Machine Made Double Line	---	---	---	8.6 x 4.2 x 2.8	3545	2995	36.12	41	2543	18.36	---
11	Machine Made Double Line	---	---	---	8.6 x 4.2 x 2.9	3450	2895	36.12	37	2295	19.17	---
12	Machine Made Double Line	---	---	---	8.6 x 4.3 x 2.8	3245	2685	36.98	34	2059	20.86	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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