



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.

2791
 Dr. Mazhar

To: Deputy Director (Tech)
 Anti-Corruption Establishment, Bahawalpur Region, Bahawalpur.
Project: Material Evaluation with respect to test mentioned against each sample regarding Enquiry No.312/21.
Our Ref. No. CL/CED/ 8183- 3 of 3 **Dated:** 09-03-22
Your Ref. No. ACE-BR(DDT) 22/675 **Dated:** 17-02-22

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **18-02-22** Tested on: **09-03-22** 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	---	---	---	8.9 x 4.3 x 2.8	---	3055	38.27	47	2751	---	Used Brick
2	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	---	2985	36.96	49	2970	---	Used Brick
3	Machine Made Double Line	---	---	---	8.9 x 4.3 x 2.8	---	3220	38.27	47	2751	---	Used Brick
4	Machine Made Double Line	---	---	---	8.9 x 4.2 x 2.7	---	3190	37.38	45	2697	---	Used Brick
5	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.9	---	3100	36.54	51	3126	---	Used Brick
6	Machine Made Double Line	---	---	---	8.8 x 4.3 x 2.7	---	2905	37.84	55	3256	---	Used Brick
7	Machine Made Double Line	---	---	---	9 x 4.2 x 2.8	---	3045	37.8	47	2785	---	Used Brick
8	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	---	3025	36.96	59	3576	---	Used Brick
9	Machine Made Double Line	---	---	---	8.7 x 4.3 x 2.9	---	3045	37.41	63	3772	---	Used Brick
10	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	---	2990	36.96	59	3576	---	Used Brick
11	Machine Made Double Line	---	---	---	8.6 x 4.1 x 2.8	---	2920	35.26	60	3812	---	Used Brick
12	Machine Made Double Line	---	---	---	8.8 x 4.4 x 2.9	---	3195	38.72	41	2372	---	Used Brick
13	Machine Made Double Line	---	---	---	8.9 x 4.2 x 2.9	---	3065	37.38	49	2936	---	Used Brick
14	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.9	---	3070	36.96	57	3455	---	Used Brick
15	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	---	3090	36.96	51	3091	---	Used Brick
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



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ORIGINAL
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2866
 Dr. Aqsa

To: Lt. Col. (Ubaid ur Rehman, Retd)
 SPM (JV) PEC Bldg Proj. NLC Engineers-Tijaarat Developers (JV).

Project: Construction of PEC Regional Office, Lahore.

Our Ref. No. CL/CED/ 8215

Dated: 09-03-22

Test Specification

Your Ref. No. 901/NLC-TD(JV)/PEC/554

Dated: 02-03-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **02-03-22** Tested on: **08-03-22** 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	Elevation Box Wall (1582)	1	2	2022	6Diax12	---	13	28.28	68	5386	---	Non Engraved
2	Elevation Box Wall (1585)	1	2	2022	6Diax12	---	13	28.28	85	6733	---	Non Engraved
3	Elevation Box Wall (1587)	1	2	2022	6Diax12	---	12.4	28.28	68	5386	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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

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2866
 Dr. Aqsa

To: Lt. Col. (Ubaid ur Rehman, Retd)
 SPM (JV) PEC Bldg Proj. NLC Engineers-Tijaarat Developers (JV).

Project: Construction of PEC Regional Office, Lahore. (8th Floor Slab Part-2 and Stair # 3 & 4, 7th to 8th Floor).

Our Ref. No. CL/CED/ 8216

Dated: 09-03-22

Test Specification

Your Ref. No. 901/NLC-TD(JV)/PEC/553

Dated: 02-03-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **02-03-22** Tested on: **08-03-22** 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	"1570"	29	1	2022	6Diax12	---	14.4	28.28	76	6020	---	Non Engraved
2	"1574"	29	1	2022	6Diax12	---	14.8	28.28	77	6099	---	Non Engraved
3	"1577"	29	1	2022	6Diax12	---	13	28.28	75	5941	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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2866
 Dr. Aqsa

To: Lt. Col. (Ubaid ur Rehman, Retd)
 SPM (JV) PEC Bldg Proj. NLC Engineers-Tijaarat Developers (JV).

Project: Construction of PEC Regional Office, Lahore. (6th Floor Projection Wall Part-1).

Our Ref. No. CL/CED/ 8217

Dated: 09-03-22

Test Specification

Your Ref. No. 901/NLC-TD(JV)/PEC/555

Dated: 02-03-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 02-03-22 **Tested on:** 08-03-22 **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	"1590"	4	2	2022	6Diax12	---	13	28.28	52	4119	---	Non Engraved
2	"1593"	4	2	2022	6Diax12	---	13	28.28	81	6416	---	Non Engraved
3	"1596"	4	2	2022	6Diax12	---	12.8	28.28	78	6178	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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2873
 Dr. Aqsa

To: (Furqan Ali Malik), CRE, Package-1, Lahore Orange Line Metro Train Project
 NESPAK (Pvt) Ltd. (M/s Hussnain Brothers)

Project: Construction / Improvement & Rehabilitation of at Grade from Warra Sattar Service Road G.T.
 Road to Quaid-e-Azam Interchange Right Side.

Our Ref. No. CL/CED/ 8218

Dated: 09-03-22

Test Specification

Your Ref. No. 4042/13/FAM/Kerb-Stone-209

Dated: 14-02-22

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **03-03-22** Tested on: **08-03-22** 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	---	---	---	5.9x5.9x6.0	---	7	34.81	58	3732	---	Cut Cube
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2858
 Dr. Mazhar

To: (Sh. Muhammad Tariq), Engineer REC
 The Help Care Society (TAC). (Contractor; M/S Muhammad Ashfaq Ch. & Sons Pvt. Ltd).

Project: Construction of Extension Block (The Help Care Society) TAC School Johar Town, Lahore.

Our Ref. No. CL/CED/ 8219

Dated: 09-03-22

Test Specification

Your Ref. No. Nil

Dated: 01-03-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 01-03-22 **Tested on:** 09-03-22 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	Basement Slab	22	2	2022	6Diax12	---	13.8	28.28	45	3564	---	Non Engraved
2	Basement Slab	22	2	2022	6Diax12	---	13.8	28.28	53	4198	---	Non Engraved
3	Basement Slab	22	2	2022	6Diax12	---	13	28.28	49	3881	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2844
 Dr. Mazhar

To: Director, AAP Construction and Building Materials Pvt. Ltd.
 Main Ferozpur Road, Kahna Nau, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 8220

Dated: 09-03-22

Test Specification

Your Ref. No. AAP/UET/2202001

Dated: 25-02-22

(----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 28-02-22 **Tested on:** 09-03-22 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	AAP	---	---	---	9 x 4.4 x 3	3680	3250	39.6	20	1131	13.23	Fly Ash Brick
2	AAP	---	---	---	9 x 4.3 x 3	3745	3306	38.7	20	1158	13.28	Fly Ash Brick
3	AAP	---	---	---	9 x 4.4 x 2.9	3940	3665	39.6	51	2885	7.5	Fly Ash Brick
4	AAP	---	---	---	9 x 4.4 x 3	3795	3340	39.6	29	1640	13.62	Fly Ash Brick
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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Director/Dy. Director Concrete Laboratory



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2855
 Dr. Mazhar

To: Executive Engineer (B&W)
 UVAS Lahore. (M/S Maangat Technical Services).

Project: Construction of 2nd Floor of Amina Hall at City Campus, UVAS, Lahore.

Our Ref. No. CL/CED/ 8221

Dated: 09-03-22

Test Specification

Your Ref. No. E.E.722

Dated: 17-02-22

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **01-03-22** Tested on: **09-03-22** 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	MT	---	---	---	8.9 x 4.3 x 3	3760	3350	38.27	57	3336	12.24	---
2	MT	---	---	---	8.8 x 4.3 x 3.1	3785	3340	37.84	53	3137	13.32	---
3	MT	---	---	---	8.9 x 4.3 x 3.1	3775	3300	38.27	53	3102	14.39	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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



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.

2850
 Dr. Mazhar

To: Mr. Sarfraz Rasheed, GM Projects.
 For Ittefaq Building Solutions Pvt. Ltd. Lahore.

Project: Allied Bank Limited Branch at Khurrianwala Faisalabad.

Our Ref. No. CL/CED/ 8222

Dated: 09-03-22

Test Specification

Your Ref. No. Nil

Dated: 28-02-22

(----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **28-02-22** Tested on: **09-03-22** 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	SSB	---	---	---	8.8 x 4.2 x 2.8	3320	2975	36.96	27	1636	11.6	---	
2	SSB	---	---	---	8.7 x 4.3 x 2.9	3260	2915	37.41	43	2575	11.84	---	
3	SSB	---	---	---	8.8 x 4.3 x 2.8	3290	2850	37.84	31	1835	15.44	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
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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
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- **** 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



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.

2841
 Dr. Aqsa

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

Project: Raising of Boundary Wall at Police Training College Chung, Lahore.

Our Ref. No. CL/CED/ 8223

Dated: 09-03-22

Test Specification

Your Ref. No. 1043/9th

Dated: 15-02-22

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25-02-22 **Tested on:** 08-03-22 **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	S4	---	---	---	8.9 x 4.3 x 3.1	3855	3455	38.27	46	2692	11.58	---
2	S4	---	---	---	8.9 x 4.3 x 3	3795	3470	38.27	37	2166	9.37	---
3	S4	---	---	---	8.9 x 4.3 x 3	3805	3425	38.27	47	2751	11.09	---
4	S4	---	---	---	8.9 x 4.3 x 2.9	3780	3410	38.27	46	2692	10.85	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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