



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.

4368
 Dr. Aqsa

To: Sub Divisional Officer
 Highway Sub Division, Mianwali.

Project: Const. /Reconst. /Widening/Improvement of Road from Mianwali Bannu Road Pull Das Hazar to Dera Lalay Khelan wala to Chairman Petroleum via Bukhara to Humion Khelan Wala Tehsil & L= 10.00 Km.
 Our Ref. No. CL/CED/ 641 Dated: 19-12-22

Your Ref. No. 30/SDO/Mwi

Dated: 19-12-22
 Dated: 06-01-22

Test Specification
 (----)

COMPRESSION TEST REPORT



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

Specimens received on: 07-12-22 Tested on: 19-12-22 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	K	---	---	---	8.7 x 4.1 x 2.6	---	2830	35.67	48	3014	---	Machine Made	
2	*1*	---	---	---	8.8 x 4.1 x 2.7	---	2800	36.08	61	3787	---	Machine Made	
3	101	---	---	---	8.5 x 4.2 x 2.8	---	2795	35.7	35	2196	---	Machine Made	
4	---	---	---	---	---	---	---	---	---	---	---	---	
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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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Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

4402
 Dr. Aqsa

To: Mr. Muhammad Irfan, Material Engineer
 Banu Mukhtar Contracting Pvt Ltd.

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 642

Dated: 20-12-22

Test Specification

Your Ref. No. DOC-BSMC/AJWA/035

Dated: 12-12-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 13-12-22 **Tested on:** 19-12-22 **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	Main Bldg. B/3 (6000 Psi)	7	11	2022	6Diax12	---	13.2	28.28	101	8000	---	Non Engraved
2	Main Bldg. B/3 (6000 Psi)	7	11	2022	6Diax12	---	13.2	28.28	97	7683	---	Non Engraved
3	Main Bldg. B/3 (6000 Psi)	7	11	2022	6Diax12	---	13.2	28.28	97	7683	---	Non Engraved
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
- **** ACI318-19 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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4402
 Dr. Aqsa

To: Mr. Muhammad Irfan, Material Engineer
 Banu Mukhtar Contracting Pvt Ltd.

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 643

Dated: 19-12-22

Test Specification

Your Ref. No. DoC-BSMC/AJWA/034

Dated: 12-12-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 13-12-22 **Tested on:** 19-12-22 **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	B3, Col # E/2', F/3, H/3 (6000 Psi)	6	11	2022	6Diax12	---	13.2	28.28	100	7921	---	Non Engraved
2	B3, Col # E/2', F/3, H/3 (6000 Psi)	6	11	2022	6Diax12	---	13.2	28.28	112	8871	---	Non Engraved
3	B3, Col # E/2', F/3, H/3 (6000 Psi)	6	11	2022	6Diax12	---	13.2	28.28	104	8238	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** ACI318-19 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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4402
 Dr. Aqsa

To: Mr. Muhammad Irfan, Material Engineer
 Banu Mukhtar Contracting Pvt Ltd.

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 644

Dated: 19-12-22

Test Specification

Your Ref. No. DOC-BMC/AJWA/033

Dated: 12-12-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **13-12-22** Tested on: **19-12-22** 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	Main Bldg. B/3, (6000 Psi)	4	11	2022	6Diax12	---	14	28.28	79	6257	---	Non Engraved
2	Main Bldg. B/3, (6000 Psi)	4	11	2022	6Diax12	---	14	28.28	107	8475	---	Non Engraved
3	Main Bldg. B/3, (6000 Psi)	4	11	2022	6Diax12	---	13.2	28.28	98	7762	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** ACI318-19 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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4366
 Dr. Aqsa

To: Mr. Muhammad Irfan, Material Engineer
 Banu Mukhtar Contracting Pvt Ltd.

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 645

Dated: 19-12-22

Test Specification

Your Ref. No. DOC-BMC/AJWA/031

Dated: 06-12-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 06-12-22 **Tested on:** 19-12-22 **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	Trial Mix 01 (850) (6000 Psi)	5	11	2022	6Diax12	---	14	28.28	96	7604	---	Non Engraved
2	Trial Mix 01 (850) (6000 Psi)	5	11	2022	6Diax12	---	13.4	28.28	95	7525	---	Non Engraved
3	Trial Mix 01 (850) (6000 Psi)	5	11	2022	6Diax12	---	13.4	28.28	83	6574	---	Non Engraved
4	Trial Mix 02 (858) (6000 Psi)	5	11	2022	6Diax12	---	14	28.28	81	6416	---	Non Engraved
5	Trial Mix 02 (858) (6000 Psi)	5	11	2022	6Diax12	---	14	28.28	98	7762	---	Non Engraved
6	Trial Mix 02 (858) (6000 Psi)	5	11	2022	6Diax12	---	14	28.28	97	7683	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

4428
 Dr. Aqsa

To: Mr. Aamir Shahzad Alvi, PM
 HIGH Q Constructions

Project: Construction of High Q Mall & Offices at 3-A, Gulberg II, Lahore

Our Ref. No. CL/CED/ 646

Dated: 19-12-22

Test Specification

Your Ref. No. QC/HQ/CIVIL/45

Dated: 12-12-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16-12-22 Tested on: 19-12-22 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	Retaining Wall (6000 Psi)	11	11	2022	6Diax12	---	14	28.28	100	7921	---	Non Engraved
2	Retaining Wall (6000 Psi)	11	11	2022	6Diax12	---	14	28.28	104	8238	---	Non Engraved
3	Retaining Wall (6000 Psi)	11	11	2022	6Diax12	---	14	28.28	97	7683	---	Non Engraved
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
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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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 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

4428
 Dr. Aqsa

To: Mr. Aamir Shahzad Alvi, PM
 HIGH Q Constructions

Project: Construction of High Q Mall & Offices at 3-A, Gulberg II, Lahore

Our Ref. No. CL/CED/ 647

Dated: 19-12-22

Test Specification

Your Ref. No. QC/HQ/CIVIL/47

Dated: 14-12-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16-12-22 Tested on: 19-12-22 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	Shear & Lift Wall (8000 Psi)	16	11	2022	6Diax12	---	14	28.28	118	9347	---	Non Engraved
2	Shear & Lift Wall (8000 Psi)	16	11	2022	6Diax12	---	14	28.28	120	9505	---	Non Engraved
3	Shear & Lift Wall (8000 Psi)	16	11	2022	6Diax12	---	14	28.28	137	10851	---	Non Engraved
4	Shear & Lift Wall (8000 Psi)	7	12	2022	6Diax12	---	14	28.28	133	10535	---	Non Engraved
5	Shear & Lift Wall (8000 Psi)	7	12	2022	6Diax12	---	14.2	28.28	124	9822	---	Non Engraved
6	Shear & Lift Wall (8000 Psi)	7	12	2022	6Diax12	---	14.2	28.28	130	10297	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
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- The test results are recommended to be interpreted in the light of above factors by the engineer.

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Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
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ORIGINAL
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4427
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 15, Lahore

Project: Construction of Court Rooms for Judicial Officers at Model Town Lahore, Group No. 1

Our Ref. No. CL/CED/ 648

Dated: 19-12-22

Test Specification

Your Ref. No. 2347

Dated: 05-12-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 16-12-22 **Tested on:** 19-12-22 **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	O.W.H. Slab (1:1.5:3)	27	10	2022	6x6x6	---	8.2	36	79	4916	---	Non Engraved
2	O.W.H. Slab (1:1.5:3)	27	10	2022	6x6x6	---	8.2	36	94	5849	---	Non Engraved
3	O.W.H. Slab (1:1.5:3)	27	10	2022	6x6x6	---	8.4	36	90	5600	---	Non Engraved
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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.

4427
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 15, Lahore

Project: Construction of Court Rooms for Judicial Officers at Model Town Lahore, Group No. 1

Our Ref. No. CL/CED/ 649

Dated: 19-12-22

Test Specification

Your Ref. No. 2346

Dated: 05-12-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 16-12-22 **Tested on:** 19-12-22 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	O.W.H. Col. (1:1.5:3)	15	10	2022	6x6x6	---	8.4	36	94	5849	---	Non Engraved
2	O.W.H. Col. (1:1.5:3)	15	10	2022	6x6x6	---	8.2	36	63	3920	---	Non Engraved
3	O.W.H. Col. (1:1.5:3)	15	10	2022	6x6x6	---	8.4	36	68	4231	---	Non Engraved
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

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.

4427
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 15, Lahore

Project: Forest Complex at Ravi Road Lahore (ADP No. 6621/2021-22)

Our Ref. No. CL/CED/ 650

Dated: 19-12-22

Test Specification

Your Ref. No. 2345

Dated: 05-12-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **16-12-22** Tested on: **19-12-22** 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	3rd/F Col./Lift (1:1.5:3)	28	10	2022	6x6x6	---	8.4	36	103	6409	---	Non Engraved
2	3rd/F Col./Lift (1:1.5:3)	28	10	2022	6x6x6	---	8.2	36	85	5289	---	Non Engraved
3	3rd/F Col./Lift (1:1.5:3)	28	10	2022	6x6x6	---	8.2	36	64	3982	---	Non Engraved
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

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.

4427
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 15, Lahore

Project: Forest Complex at Ravi Road Lahore (ADP No. 6621/2021-22)

Our Ref. No. CL/CED/ 651

Dated: 19-12-22

Test Specification

Your Ref. No. 2485

Dated: 13-12-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **16-12-22** Tested on: **19-12-22** 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	F/Floor Slab (1:1.5:3)	26	9	2022	6x6x6	---	8.2	36	106	6596	---	Non Engraved
2	F/Floor Slab (1:1.5:3)	26	9	2022	6x6x6	---	8.4	36	108	6720	---	Non Engraved
3	F/Floor Slab (1:1.5:3)	26	9	2022	6x6x6	---	8.6	36	93	5787	---	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" 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.

4427
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab, at Lahore

Our Ref. No. CL/CED/ 652

Dated: 19-12-22

Test Specification

Your Ref. No. 198/SDO-22

Dated: 25-11-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 16-12-22 **Tested on:** 19-12-22 **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	R.C.C. (1:1:2) Fourth/F Col.	27	10	2022	6x6x6	---	8.4	36	104	6471	---	Non Engraved
2	R.C.C. (1:1:2) Fourth/F Col.	27	10	2022	6x6x6	---	8.4	36	93	5787	---	Non Engraved
3	R.C.C. (1:1:2) Fourth/F Col.	27	10	2022	6x6x6	---	8.8	36	94	5849	---	Non Engraved
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

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.

4427
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab, at Lahore

Our Ref. No. CL/CED/ 653

Dated: 19-12-22

Test Specification

Your Ref. No. 197/SDO-22

Dated: 23-11-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 16-12-22 **Tested on:** 19-12-22 **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	R.C.C. (1:1.5:3) Fourth/F Lift	25	10	2022	6x6x6	---	8.4	36	110	6844	---	Non Engraved
2	R.C.C. (1:1.5:3) Fourth/F Lift	25	10	2022	6x6x6	---	8.6	36	94	5849	---	Non Engraved
3	R.C.C. (1:1.5:3) Fourth/F Lift	25	10	2022	6x6x6	---	8.2	36	81	5040	---	Non Engraved
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

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)

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
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4427
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab, at Lahore

Our Ref. No. CL/CED/ 654

Dated: 19-12-22

Test Specification

Your Ref. No. 209/SDO-22

Dated: 29-11-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 16-12-22 Tested on: 19-12-22 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	R.C.C. (1:2:4) Fourth/F. Slab	31	10	2022	6x6x6	---	8.4	36	59	3671	---	Non Engraved
2	R.C.C. (1:2:4) Fourth/F. Slab	31	10	2022	6x6x6	---	8.2	36	58	3609	---	Non Engraved
3	R.C.C. (1:2:4) Fourth/F. Slab	31	10	2022	6x6x6	---	8.4	36	65	4044	---	Non Engraved
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

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)

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
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4427
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab, at Lahore

Our Ref. No. CL/CED/ 655

Dated: 19-12-22

Test Specification

Your Ref. No. 178/SDO-22

Dated: 19-10-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 16-12-22 **Tested on:** 19-12-22 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	R.C.C. (1:2:4) First/F. Slab	21	9	2022	6x6x6	---	8.4	36	90	5600	---	Non Engraved
2	R.C.C. (1:2:4) First/F. Slab	21	9	2022	6x6x6	---	8.6	36	90	5600	---	Non Engraved
3	R.C.C. (1:2:4) First/F. Slab	21	9	2022	6x6x6	---	8.4	36	98	6098	---	Non Engraved
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

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
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4427
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 09, Lahore

Project: Master Planing of Qurban Lines Lahore. Const. of BS 18-19 Apartments at Qurban Lines Lahore

Our Ref. No. CL/CED/ 656

Dated: 19-12-22

Test Specification

Your Ref. No. 4837/9th

Dated: 13-12-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **16-12-22** Tested on: **19-12-22** 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	R.C.C. (1:1.5:3) 2nd/F Col./Lift	19	9	2022	6x6x6	---	8.4	36	75	4667	---	Non Engraved
2	R.C.C. (1:1.5:3) 2nd/F Col./Lift	19	9	2022	6x6x6	---	8.4	36	90	5600	---	Non Engraved
3	R.C.C. (1:1.5:3) 2nd/F Col./Lift	19	9	2022	6x6x6	---	8.2	36	101	6284	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

4427
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 09, Lahore

Project: Master Planing of Qurban Lines Lahore. Const. of BS 18-19 Apartments at Qurban Lines Lahore

Our Ref. No. CL/CED/ 657

Dated: 19-12-22

Test Specification

Your Ref. No. 2135/9th

Dated: 13-12-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **16-12-22** Tested on: **19-12-22** 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	R.C.C. (1:2:4) 2nd/F Slab	1	10	2022	6x6x6	---	8.6	36	69	4293	---	Non Engraved
2	R.C.C. (1:2:4) 2nd/F Slab	1	10	2022	6x6x6	---	8	36	63	3920	---	Non Engraved
3	R.C.C. (1:2:4) 2nd/F Slab	1	10	2022	6x6x6	---	8.2	36	73	4542	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

4427
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 06, Lahore

Project: Construction of New Office Block of Commissioner Office Lahore ADP No. 5634 for Year 2021-22

Our Ref. No. CL/CED/ 658

Dated: 19-12-22

Test Specification

Your Ref. No. 183/Sd-6

Dated: 05-12-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **16-12-22** Tested on: **19-12-22** 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	(1:1.5:3) First/F Col./Lift	28	10	2022	6x6x6	---	8.6	36	98	6098	---	Non Engraved
2	(1:1.5:3) First/F Col./Lift	28	10	2022	6x6x6	---	8.4	36	107	6658	---	Non Engraved
3	(1:1.5:3) First/F Col./Lift	28	10	2022	6x6x6	---	8.2	36	77	4791	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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.

4417
 Dr. Aqsa

To: Ittefaq Building Solutions Pvt. Ltd.
 189/190 - Commercial Area, Airline Society Khayabn e Jinnah, Lahore.

Project: Mr. Ahmed Latif Residence - 511 J, DHA Phase VI, Lahore

Our Ref. No. CL/CED/ 659

Dated: 19-12-22

Test Specification

Your Ref. No. Nil

Dated: 15-12-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **15-12-22** Tested on: **19-12-22** 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 Ret. Wall (4000 Psi)	8	12	2022	6x6x6	---	8.4	36	49	3049	---	Engraved
2	Basement Ret. Wall (4000 Psi)	8	12	2022	6x6x6	---	8.2	36	50	3111	---	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

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.

4417
 Dr. Aqsa

To: Ittefaq Building Solutions Pvt. Ltd.
 189/190 - Commercial Area, Airline Society Khayabn e Jinnah, Lahore.

Project: Mr. Ahmed Latif Residence - 511 J, DHA Phase VI, Lahore

Our Ref. No. CL/CED/ 660

Dated: 19-12-22

Test Specification

Your Ref. No. Nil

Dated: 15-12-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 15-12-22 **Tested on:** 19-12-22 **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 Raft (3000 Psi)	17	11	2022	6x6x6	---	8.6	36	54	3360	---	Engraved
2	Basement Raft (3000 Psi)	17	11	2022	6x6x6	---	8.2	36	56	3484	---	Engraved
3	Basement Raft (3000 Psi)	17	11	2022	6x6x6	---	8.4	36	48	2987	---	Engraved
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
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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.

4403
 Dr. Aqsa

To: M/S Riaz Textile Mills (Pvt) Ltd.
 Main Boulevard, Gulberg-II, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 661

Dated: 19-12-22

Test Specification

Your Ref. No. Nil

Dated: 13-12-22

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 13-12-22 **Tested on:** 19-12-22 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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3535	29.64	79	5970	---	---	
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3420	29.64	71	5366	---	---	
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3445	29.64	79	5970	---	---	
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3480	29.64	72	5441	---	---	
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3505	29.64	69	5215	---	---	
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3405	29.64	55	4157	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
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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
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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.

4429
 Dr. Aqsa

To: Project Manager
 Reliable Engineering Services (Pvt) Ltd.

Project: Construction of Infrastructure Development Works of Sector KK- DHA Phase-IV.

Our Ref. No. CL/CED/ 662-1 of 2

Dated: 19-12-22

Test Specification

Your Ref. No. RES/SO/DHA/KK/074

Dated: 16-12-22

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **16-12-22** Tested on: **19-12-22** 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	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2700	30.42	106	7805	---	---	
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2675	30.42	49	3608	---	---	
3	---	---	---	---	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
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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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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.

4406
 Dr. Aqsa

To: Sub Divisional Officer
 Public Health Engg: Sub Division Kamalia.

Project: Drainage, Sewerage, Soling / Resoling, Tuff Tiles Drains and Bridges (Puliyan) in Tehsil Kamalia & Tehsil Pir Mahal District T.T.Singh (ADP No.843) (Chaudary Traders, Govt. Contractor)

Our Ref. No. CL/CED/ 663

Dated: 19-12-22

Test Specification

Your Ref. No. 931/K

Dated: 20-10-22

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 13-12-22 **Tested on:** 19-12-22 **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	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2635	29.64	125	9447	---	A.A Crete
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2645	29.64	110	8313	---	A.A Crete
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2625	29.64	114	8615	---	A.A Crete
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2600	29.64	124	9371	---	A.A Crete
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
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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

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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.

4373
 Dr. Aqsa

To: Deputy Director, Engg.
 LDA (U.D.Wing), M.A Johar Town, Lahore.

Project: Construction of alternate Route to Ijtimah Gah from Raiwind Road to Raiwind Bypass. (Contractor: M/s Excellent Builders)

Our Ref. No. CL/CED/ 664

Dated: 19-12-22

Test Specification

Your Ref. No. DD-II/LDA/70

Dated: 28-10-22

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 07-12-22 **Tested on:** 19-12-22 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	S	---	---	---	9 x 4.3 x 3	4030	3520	38.7	43	2489	14.49	---	
2	S	---	---	---	9.1 x 4.4 x 3.2	4105	3645	40.04	43	2406	12.62	---	
3	S	---	---	---	9.1 x 4.3 x 3.2	4150	3685	39.13	43	2462	12.62	---	
4	S	---	---	---	9 x 4.2 x 3.1	4055	3615	37.8	47	2785	12.17	---	
5	S	---	---	---	9 x 4.3 x 3.2	4085	3665	38.7	48	2778	11.46	---	
6	S	---	---	---	9.2 x 4.2 x 3.1	4200	3660	38.64	45	2609	14.75	---	
7	S	---	---	---	9.1 x 4.3 x 3.1	4100	3635	39.13	47	2691	12.79	---	
8	S	---	---	---	9 x 4.2 x 3	4085	3660	37.8	43	2548	11.61	---	
9	S	---	---	---	9.1 x 4.2 x 3	4030	3590	38.22	66	3868	12.26	---	
10	S	---	---	---	9 x 4.2 x 3	4105	3630	37.8	50	2963	13.09	---	
11	S	---	---	---	9.1 x 4.2 x 3	3975	3455	38.22	40	2344	15.05	---	
12	S	---	---	---	9.2 x 4.3 x 3.1	4080	3500	39.56	45	2548	16.57	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

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

4409
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No.6, Lahore.
Project: Construction of Office Complex for Directorate General Punjab Probation and Parole Service Lahore.
Our Ref. No. CL/CED/ 665 **Dated:** 19-12-22
Your Ref. No. 82/Sd-6th **Dated:** 26-09-22

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **14-12-22** Tested on: **19-12-22** 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	Talwar	---	---	---	8.6 x 4.1 x 2.8	---	3275	35.26	45	2859	---	---	
2	Talwar	---	---	---	8.6 x 4.2 x 3	---	3095	36.12	48	2977	---	---	
3	Talwar	---	---	---	8.8 x 4.3 x 2.9	---	3250	37.84	43	2545	---	---	
4	Talwar	---	---	---	8.5 x 4.1 x 2.9	---	3300	34.85	45	2892	---	---	
5	Talwar	---	---	---	8.6 x 4.1 x 2.8	---	3245	35.26	43	2732	---	---	
6	Talwar	---	---	---	8.6 x 4.2 x 2.9	---	3208	36.12	33	2047	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
10	---	---	---	---	---	---	---	---	---	---	---	---	
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14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
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