



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.

2285
 Dr. Mazhar

To: (Mr. Sami Ullah), Resident Engineer
 Fazaia Housing Scheme Gujranwala.

Project: Infrastruture Development Works at Fazaia Housing Scheme Gujranwala (Sector-A).

Our Ref. No. CL/CED/ 6578

Dated: 07-12-21

Test Specification

Your Ref. No. FHSG/PMO/6015/5/4/Dev

Dated: 26-10-21

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 18-11-21 **Tested on:** 06-12-21 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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	AT	---	---	---	8.7 x 4.3 x 2.7	3170	2765	37.41	51	3054	14.65	---
2	AT	---	---	---	8.8 x 4.3 x 2.7	3235	2770	37.84	47	2782	16.79	---
3	AT	---	---	---	8.8 x 4.3 x 2.7	3205	2785	37.84	59	3493	15.08	---
4	AT	---	---	---	8.7 x 4.3 x 2.7	3085	2645	37.41	53	3173	16.64	---
5	AT	---	---	---	8.7 x 4.3 x 2.8	3460	2950	37.41	45	2694	17.29	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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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2355
 Engr. Ubaid

To: Lt Col (Ubaid Ur Rehman, Retd)
 SPM (JV) PEC Bldg Proj. NLC Engineers-Tijaarat Developers (JV).
 Project: Construction of PEC Regional Office, Lahore. (5th Floor Slab Part-2, 5th to 6th Floor Columns and Stair # 4 2nd to 3rd Floor.)
 Our Ref. No. CL/CED/ 6579 Dated: 07-12-21
 Your Ref. No. 901/NLC-TD(JV)/PEC/433 Dated: 30-11-21

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **30-11-21** Tested on: **02-12-21** 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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	1349	26	10	2021	6Diax12	---	12.8	28.28	54	4277	---	Non Engraved
2	1353	26	10	2021	6Diax12	---	13	28.28	82	6495	---	Non Engraved
3	1355	26	10	2021	6Diax12	---	13	28.28	71	5624	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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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2355
 Engr. Ubaid

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

Project: Construction of PEC Regional Office, Lahore. (5th to 6th Floor Columns, Lift Wall and 2nd Floor.).

Our Ref. No. CL/CED/ 6580

Dated: 07-12-21

Test Specification

Your Ref. No. 901/NLC-TD(JV)/PEC/434

Dated: 30-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 **Tested on:** 02-12-21 **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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	1361	30	10	2021	6Diax12	---	13	28.28	73	5782	---	Non Engraved
2	1364	30	10	2021	6Diax12	---	13	28.28	68	5386	---	Non Engraved
3	1369	30	10	2021	6Diax12	---	13	28.28	61	4832	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

- * 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

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Director/Dy. Director Concrete Laboratory



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Civil Engineering Department

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2358
Engr. Ubaid

To: Mr. Muhammad Khalid Zaman, Resident Engineer
Engineering Consultancy Services Punjab (Pvt) Ltd. (Contractor M/s KSB Pumps Company Ltd.)
Project: Construction Installation of Water Filtration Plants and Direct Supply in Faisalabad Division (689 GB Toba Tek Singh).
Our Ref. No. CL/CED/ 6581 Dated: 07-12-21
Your Ref. No. ECSP/PAPA/CZ-FSD-60 Dated: 26-11-21

Test Specification
(ASTM C39)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 01-12-21 Tested on: 02-12-21 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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	20	10	2021	6Diax12	---	13	28.28	69	5465	---	Non Engraved
2	---	20	10	2021	6Diax12	---	13.2	28.28	45	3564	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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2380
 Dr. Umbreen

To: Mr. Engr. Zaheer Ud Din Babar, DGM Projects
 Habib Rafiq Engineering (Pvt.) Ltd. Lahore.

Project: Construction of Sky Gardens Tower, Lahore

Our Ref. No. CL/CED/ 6600

Dated: 08-12-21

Test Specification

Your Ref. No. HRLE/SKG/2021/050

Dated: 03-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 06-12-21 **Tested on:** 08-12-21 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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	T-58 (4500 Psi)	8	11	2021	6Diax12	---	14	28.28	73	5782	---	Non Engraved
2	T-58 (4500 Psi)	8	11	2021	6Diax12	---	14	28.28	90	7129	---	Non Engraved
3	T-58 (4500 Psi)	8	11	2021	6Diax12	---	14	28.28	65	5149	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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2380
 Dr. Umbreen

To: Mr. Engr. Zaheer Ud Din Babar, DGM Projects
 Habib Rafiq Engineering (Pvt.) Ltd. Lahore.

Project: Construction of Sky Gardens Tower, Lahore

Our Ref. No. CL/CED/ 6601

Dated: 08-12-21

Test Specification

Your Ref. No. HRLE/SKG/2021/049

Dated: 03-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 06-12-21 **Tested on:** 08-12-21 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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	T-57 (4500 Psi)	8	11	2021	6Diax12	---	14	28.28	86	6812	---	Non Engraved
2	T-57 (4500 Psi)	8	11	2021	6Diax12	---	13.8	28.28	65	5149	---	Non Engraved
3	T-57 (4500 Psi)	8	11	2021	6Diax12	---	14	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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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
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Director/Dy. Director Concrete Laboratory



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 Dr. Umbreen

To: Mr. Engr. Zaheer Ud Din Babar, DGM Projects
 Habib Rafiq Engineering (Pvt.) Ltd. Lahore.

Project: Construction of Sky Gardens Tower, Lahore

Our Ref. No. CL/CED/ 6602

Dated: 08-12-21

Test Specification

Your Ref. No. HRLE/SKG/2021/048

Dated: 03-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 06-12-21 **Tested on:** 08-12-21 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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	T-56 (4500 Psi)	8	11	2021	6Diax12	---	14	28.28	86	6812	---	Non Engraved
2	T-56 (4500 Psi)	8	11	2021	6Diax12	---	13.8	28.28	88	6970	---	Non Engraved
3	T-56 (4500 Psi)	8	11	2021	6Diax12	---	13.4	28.28	81	6416	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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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Director/Dy. Director Concrete Laboratory



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2365
 Dr. Umbreen

To: Mr. Irshad Ahmad, Dy. Director M-4
 National Highway Authority, Khanewal

Project: Contract No. Package-02-WR-M4-432-2019-20 M/S Nawaz & Co for Construction of Wash Rooms at Shorkot Rest Area, KM 128 (NSB & SBC) on Motorway M-4.

Our Ref. No. CL/CED/ 6603

Dated: 08-12-21

Test Specification

Your Ref. No. DD (Maint)/ M-4/ NHA/2021/775

Dated: 30-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 01-12-21 **Tested on:** 08-12-21 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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	775	2	11	2021	6Diax12	---	13	28.28	65	5149	---	Non Engraved
2	775	2	11	2021	6Diax12	---	13	28.28	69	5465	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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.

2365
Dr. Umbreen

To: Mr. Irshad Ahmad, Dy. Director M-4
National Highway Authority, Khanewal

Project: Contract No. Package-02-WR-M4-432-2019-20 M/S Nawaz & Co for Construction of Wash Rooms at Shorkot Rest Area, KM 128 (NSB & SBC) on Motorway M-4.

Our Ref. No. CL/CED/ 6604

Dated: 08-12-21

Test Specification

Your Ref. No. DD (Maint)/ M-4/ NHA/2021/773

Dated: 30-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 01-12-21 Tested on: 08-12-21 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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	773	2	11	2021	6Diax12	---	13.2	28.28	83	6574	---	Non Engraved
2	773	2	11	2021	6Diax12	---	12.6	28.28	67	5307	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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.

2382
 Dr. Aqsa

To: Engr. Hawris Ahmad, PM Civil / Structures
 Engineerio Tech Group, 392-J2 Wapda Town, Lahore

Project: Rippah International University Extension.

Our Ref. No. CL/CED/ 6605

Dated: 08-12-21

Test Specification

Your Ref. No. 0193-Q-CE-PK-21-3/UET-LHR

Dated: 06-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 06-12-21 **Tested on:** 07-12-21 **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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	---	1	12	2021	6Diax12	---	12	28.28	33	2614	---	Engraved
2	---	1	12	2021	6Diax12	---	12	28.28	33	2614	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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.

2378
 Dr. Aqsa

To: Dy. Director Maintenance
 Directorate of Construction (MQI), 365-M, Model Town Lahore

Project: Nil

Our Ref. No. CL/CED/ 6606

Dated: 08-12-21

Test Specification

Your Ref. No. DOC/509/21

Dated: 06-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE 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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	3000 Psi	23	11	2021	6Diax12	---	13	28.28	39	3089	---	Non Engraved
2	3000 Psi	23	11	2021	6Diax12	---	13	28.28	31	2455	---	Non Engraved
3	3000 Psi	23	11	2021	6Diax12	---	13	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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.

2386
 Dr. Umbreen

To: Mr. Muhammad Azeem, Operation Manager
 Amer Adnan Associates, 17-E-II, Gulberg III, Lahore

Project: Hotel Building at 24-A Block E/2, Gulberg III, Lahore

Our Ref. No. CL/CED/ 6607

Dated: 08-12-21

Test Specification

Your Ref. No. AAA/24A/0066

Dated: 06-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 06-12-21 **Tested on:** 08-12-21 **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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	5000 Psi	22	11	2021	6Diax12	---	13.8	28.28	65	5149	---	Engraved
2	5000 Psi	22	11	2021	6Diax12	---	14	28.28	63	4990	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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-reports/>

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

2365
Dr. Umbreen

To: Mr. Irshad Ahmad, Dy. Director M-4
National Highway Authority, Khanewal

Project: Contract No. Package-02-WR-M4-432-2019-20 M/S Nawaz & Co for Construction of Wash Rooms at Shorkot Rest Area, KM 128 (NSB & SBC) on Motorway M-4.

Our Ref. No. CL/CED/ 6608

Dated: 08-12-21

Test Specification

Your Ref. No. DD (Maint)/ M-4/ NHA/2021/774

Dated: 30-11-21

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 01-12-21 Tested on: 08-12-21 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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	R.B	---	---	---	9 x 4.3 x 3	---	3310	38.7	51	2952	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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-reports/>

- * 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

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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.

2320
 Dr. Umbreen

To: Mr. M. Saleem Awan, FM (Works Div.), SRDC-L
 Suparco Office, Works Div. P.O. Punjab University, Samsani Road, Lahore

Project: Construction of MTVC Facility at SRDC-L

Our Ref. No. CL/CED/ 6609

Dated: 08-12-21

Test Specification

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

Dated: 24-11-21

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 24-11-21 **Tested on:** 08-12-21 **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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	4	---	---	---	8.9 x 4.3 x 2.8	3520	3175	38.27	55	3219	10.87	---
2	4	---	---	---	8.9 x 4.3 x 2.9	3660	3295	38.27	41	2400	11.08	---
3	4	---	---	---	8.8 x 4.3 x 3	3480	3140	37.84	43	2545	10.83	---
4	4	---	---	---	8.9 x 4.2 x 2.9	3530	3170	37.38	49	2936	11.36	---
5	4	---	---	---	8.8 x 4.3 x 2.8	3545	3210	37.84	51	3019	10.44	---
6	4	---	---	---	8.9 x 4.2 x 2.9	3525	3180	37.38	49	2936	10.85	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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.

2306
 Dr. Umbreen

To: Engr. Tariq Hasan, DD Works
 Mines Labour Welfare Commissioner, 95-A New Muslim Town, Lahore

Project: Extension of Office Residence at Padhrar Dist. Khushab

Our Ref. No. CL/CED/ 6610

Dated: 08-12-21

Test Specification

Your Ref. No. MLW/C.E/MT/50/17/10139

Dated: 19-11-21

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 22-11-21 **Tested on:** 08-12-21 **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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	N * B	---	---	---	8.7 x 4.1 x 2.7	2800	2465	35.67	53	3328	13.59	---
2	N * B	---	---	---	8.5 x 4.1 x 2.7	2710	2380	34.85	49	3149	13.87	---
3	N * B	---	---	---	8.7 x 4.1 x 2.7	2755	2430	35.67	35	2198	13.37	---
4	N * B	---	---	---	8.5 x 4 x 2.7	2700	2370	34	49	3228	13.92	---
5	N * B	---	---	---	8.5 x 4.1 x 2.7	2725	2395	34.85	43	2764	13.78	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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.

2361
 Engr. Ubaid

To: Maj. M. Aslam (Retd.), RE Penta Square Project
 Al-Imam Enterprises Pvt. Ltd. 47-L, Model Town Extension Lahore

Project: Construction of Penta Square, Phase-V, D.H.A. Lahore

Our Ref. No. CL/CED/ 6611

Dated: 08-12-21

Test Specification

Your Ref. No. Al-Imam/746/PS-1/DHA/LHE/705

Dated: 16-11-21

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 01-12-21 **Tested on:** 02-12-21 **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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Rectangular, Grey 150x150x50mm	---	---	---	5.8 x 5.8 x 2	---	2575	33.64	118	7857	---	---
2	Rectangular, Grey 150x150x50mm	---	---	---	5.8 x 5.8 x 2	---	2575	33.64	114	7591	---	---
3	Rectangular, Grey 150x150x50mm	---	---	---	5.8 x 5.8 x 2	---	2600	33.64	113	7524	---	---
4	Rectangular, Red 150x150x50mm	---	---	---	5.8 x 5.8 x 2	---	2660	33.64	128	8523	---	---
5	Rectangular, Red 150x150x50mm	---	---	---	5.8 x 5.8 x 2	---	2650	33.64	142	9455	---	---
6	Rectangular, Red 150x150x50mm	---	---	---	5.8 x 5.8 x 2	---	2585	33.64	135	8989	---	---
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-reports/>

- * 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.

2362
 Engr. Ubaid

To: Maj. M. Aslam (Retd.), RE Penta Square Project
 Al-Imam Enterprises Pvt. Ltd. 47-L, Model Town Extension Lahore

Project: Construction of Penta Square, Phase-V, D.H.A. Lahore. (Traffic Management Package-XIII).

Our Ref. No. CL/CED/ 6612

Dated: 08-12-21

Test Specification

Your Ref. No. Al-Imam/746/PS-1/DHA/LHE/706

Dated: 27-11-21

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 01-12-21 **Tested on:** 02-12-21 **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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Rectangular, Grey 100x200x80mm	---	---	---	7.8 x 3.9 x 3.1	---	3845	30.42	112	8247	---	---
2	Rectangular, Grey 100x200x80mm	---	---	---	7.8 x 3.9 x 3.2	---	3830	30.42	108	7953	---	---
3	Rectangular, Grey 100x200x80mm	---	---	---	7.8 x 3.9 x 3.1	---	3790	30.42	93	6848	---	---
4	Rectangular, Red 100x200x80mm	---	---	---	7.8 x 3.9 x 3.1	---	3830	30.42	136	10014	---	---
5	Rectangular, Red 100x200x80mm	---	---	---	7.8 x 3.9 x 3.1	---	3810	30.42	135	9941	---	---
6	Rectangular, Red 100x200x80mm	---	---	---	7.8 x 3.9 x 3.1	---	3740	30.42	125	9204	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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ORIGINAL
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2324
 Dr. Umbreen

To: Brig. Saeed Ahmed Malik, SI (M), (R) (Resident Engineer)
 H&TE Div., Nespak (Pvt.) Ltd. Lahore. Metropolitan Corporation Lahore (MCL Projects)
 Project: Rehabilitation of PCC, Sewerage, Nallah and De-Silting at Chung Near Shabab Studio, Allama Iqbal Zone MC, Lahore.
 Our Ref. No. CL/CED/ 6613 Dated: 08-12-21
 Your Ref. No. 4084/BSAM/104/01/543 Dated: 04-11-21

Test Specification
 (BS 3921**)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: **24-11-21** Tested on: **08-12-21** 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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	No.1	---	---	---	9 x 4.3 x 3	3720	3350	38.7	55	3183	11.04	---
2	No.1	---	---	---	8.9 x 4.2 x 3	3823	3455	37.38	47	2816	10.65	---
3	No.1	---	---	---	9 x 4.3 x 2.9	3670	3315	38.7	53	3068	10.71	---
4	No.1	---	---	---	8.9 x 4.3 x 3	3790	3430	38.27	51	2985	10.5	---
5	No.1	---	---	---	9 x 4.3 x 2.9	3565	3215	38.7	53	3068	10.89	---
6	No.1	---	---	---	8.9 x 4.3 x 3	3670	3310	38.27	51	2985	10.88	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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Supervisor (Lab)

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