



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.

2181
Dr. Aqsa

To: Mr. Ali Sufyan, DEO Works
 Punjab Safe City Authority Lahore. (Universal Synergy Solutions Pvt. Ltd)

Project: Concrete for IPNV Foundation at Qainchi Lahore.

Our Ref. No. CL/CED/ 6329

Dated: 10-11-21

Test Specification

Your Ref. No. 11259/Works/PSCA/2021

Dated: 28-10-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 02-11-21 **Tested on:** 09-11-21 **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	PSCA - 1	30	9	2021	6Diax12	---	14	28.28	76	6020	---	Non-Engraved
2	PSCA - 2	30	9	2021	6Diax12	---	13.6	28.28	68	5386	---	Non-Engraved
3	PSCA - 3	30	9	2021	6Diax12	---	14	28.28	79	6257	---	Non-Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
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ORIGINAL
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2168
Dr. Aqsa

To: Mr. M. Affan, PM
 ICON Valley Phase II

Project: Construction of Raft Commercial Building

Our Ref. No. CL/CED/ 6330

Dated: 10-11-21

Test Specification

Your Ref. No. IV-16

Dated: 06-09-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 29-10-21 Tested on: 09-11-21 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	A20~24 (3000 Psi)	2	6	2021	6Diax12	---	14	28.28	67	5307	---	Non-Engraved
2	A20~24 (3000 Psi)	2	6	2021	6Diax12	---	13.8	28.28	61	4832	---	Non-Engraved
3	A20~24 (3000 Psi)	2	6	2021	6Diax12	---	13	28.28	60	4752	---	Non-Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2168
 Dr. Aqsa

To: Mr. M. Affan, PM
 ICON Residencia

Project: Slab FF 1st Partition

Our Ref. No. CL/CED/ 6331

Your Ref. No. IV-16

Dated: 10-11-21

Dated: 06-09-21

Test Specification

(ASTM C39)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: **29-10-21** Tested on: **09-11-21** 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	First Floor Slab A~D (4000 Psi)	9	7	2021	6Diax12	---	14.2	28.28	107	8475	---	Non-Engraved
2	First Floor Slab A~D (4000 Psi)	9	7	2021	6Diax12	---	14	28.28	69	5465	---	Non-Engraved
3	First Floor Slab A~D (4000 Psi)	9	7	2021	6Diax12	---	15	28.28	111	8792	---	Non-Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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Director/Dy. Director Concrete Laboratory



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Civil Engineering Department

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2183
Dr. Aqsa

To: Project Manager
Q-Links Property Management Pvt. Ltd.

Project: Jasmine Grand Mall, Bahria Town, Lahore

Our Ref. No. CL/CED/ 6332

Dated: 10-11-21

Test Specification

Your Ref. No. QLC-BO-BH2-2021-083

Dated: 01-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 03-11-21 Tested on: 09-11-21 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	R. Wall Grid # 18C-F (3750 Psi)	28	9	2021	6Diax12	---	14	28.28	45	3564	---	Engraved
2	R. Wall Grid # 18C-F (3750 Psi)	28	9	2021	6Diax12	---	13.4	28.28	48	3802	---	Engraved
3	R. Wall Grid # 11-14F (3750 Psi)	29	9	2021	6Diax12	---	13.4	28.28	45	3564	---	Engraved
4	R. Wall Grid # 11-14F (3750 Psi)	29	9	2021	6Diax12	---	14	28.28	48	3802	---	Engraved
5	R. Wall Grid # 11-14F (3750 Psi)	29	9	2021	6Diax12	---	14	28.28	52	4119	---	Engraved
6	R. Wall Grid # 16-17E (3750 Psi)	2	10	2021	6Diax12	---	13.8	28.28	59	4673	---	Engraved
7	R. Wall Grid # 16-17E (3750 Psi)	2	10	2021	6Diax12	---	13.8	28.28	39	3089	---	Engraved
8	R. Wall Grid # 10-12F (3750 Psi)	3	10	2021	6Diax12	---	13.6	28.28	41	3248	---	Engraved
9	R. Wall Grid # 10-12F (3750 Psi)	3	10	2021	6Diax12	---	14	28.28	47	3723	---	Engraved
10	R. Wall Grid # 10-12F (3750 Psi)	3	10	2021	6Diax12	---	14	28.28	56	4436	---	Engraved
11	---	---	---	---	---	---	---	---	---	---	---	---
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2217
 Dr. Qasim

To: Mr. Asad Khan, Procurement Officer
 Thaheem Construction Company, Lahore

Project: Master Waste Treatment Plant

Our Ref. No. CL/CED/ 6333

Dated: 10-11-21

Test Specification

Your Ref. No. Nil

Dated: 05-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 09-11-21 **Tested on:** 10-11-21 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	(4000 Psi)	30	10	2021	6Diax12	---	14	28.28	49	3881	---	Non-Engraved
2	(4000 Psi)	30	10	2021	6Diax12	---	13.4	28.28	50	3960	---	Non-Engraved
3	(4000 Psi)	30	10	2021	6Diax12	---	13.8	28.28	55	4356	---	Non-Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL
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2187
 Dr. Qasim

To: Mr. M. Saleem, GM
 Professional Construction Services (Pvt.) Ltd. Lahore

Project: Khalil and Naushaba's House, Aitchison College, Lahore

Our Ref. No. CL/CED/ 6334

Dated: 10-11-21

Test Specification

Your Ref. No. PCS/21/Eng-125

Dated: 01-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 03-11-21 Tested on: 10-11-21 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	Top Roof Slab II (1:2:4)	3	10	2021	6Diax12	---	14.2	28.28	57	4515	---	Non-Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: _____

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2187
 Dr. Qasim

To: Mr. M. Saleem, GM
 Professional Construction Services (Pvt.) Ltd. Lahore

Project: Khalil and Naushaba's House, Aitchison College, Lahore

Our Ref. No. CL/CED/ 6335

Dated: 10-11-21

Test Specification

Your Ref. No. PCS/21/Eng-125-A

Dated: 01-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 03-11-21 Tested on: 10-11-21 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	Top Roof Slab II (1:2:4)	3	10	2021	6Diax12	---	14.2	28.28	45	3564	---	Non-Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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- * as engraved on the specimens (if any)
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 Dr. Qasim

To: Mr. M. Saleem, GM
 Professional Construction Services (Pvt.) Ltd. Lahore

Project: Khalil and Naushaba's House, Aitchison College, Lahore

Our Ref. No. CL/CED/ 6336

Dated: 10-11-21

Test Specification

Your Ref. No. PCS/21/Eng-126-C

Dated: 01-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 03-11-21 Tested on: 10-11-21 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	Top Roof Slab II (1:2:4)	14	9	2021	6Diax12	---	15	28.28	55	4356	---	Non-Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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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.

2187
 Dr. Qasim

To: Mr. M. Saleem, GM
 Professional Construction Services (Pvt.) Ltd. Lahore

Project: Khalil and Naushaba's House, Aitchison College, Lahore

Our Ref. No. CL/CED/ 6337

Dated: 10-11-21

Test Specification

Your Ref. No. PCS/21/Eng-126-B

Dated: 01-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 03-11-21 Tested on: 10-11-21 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	Top Roof Slab II (1:2:4)	14	9	2021	6Diax12	---	14.8	28.28	51	4040	---	Non-Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

2214
Dr. Qasim

To: Engr. Khalid Qadeer Mian, CE
 Eastern Construction Co. Lahore.

Project: Construction of 60 CUM / HR Capacity WWTP for Fauji Fresh n Freeze Limited Project at Sahiwal.
 (Bed Concrete Cylinder of HAD, Gas Holding Tank and RAS)
 Our Ref. No. CL/CED/ 6338

Dated: 10-11-21

Test Specification

Your Ref. No. ECC/UET/FFFL-SWL/2021/36

Dated: 08-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 08-11-21 Tested on: 10-11-21 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	---	29	10	2021	6Diax12	---	14.2	28.28	55	4356	---	Non-Engraved
2	---	29	10	2021	6Diax12	---	14.2	28.28	61	4832	---	Non-Engraved
3	---	29	10	2021	6Diax12	---	14.4	28.28	57	4515	---	Non-Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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.

2215
 Dr. Qasim

To: Mr. Maqsood Ahmed, Construction Manager
 BSM Developers (Pvt.) Ltd. Lahore. (M/s Ghousia Engineering & Construction Pvt. Ltd.)

Project: Construction of Watch BSM Head Office Lif Wall, Sump & Pipe Trench Wall

Our Ref. No. CL/CED/ 6339

Dated: 10-11-21

Test Specification

Your Ref. No. CM/BSM/Ph-8/05

Dated: 08-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 08-11-21 **Tested on:** 10-11-21 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	(4000 Psi)	10	10	2021	6Diax12	---	14.5	28.28	54	4277	---	Non-Engraved
2	(4000 Psi)	10	10	2021	6Diax12	---	14	28.28	49	3881	---	Non-Engraved
3	(4000 Psi)	10	10	2021	6Diax12	---	14.2	28.28	64	5069	---	Non-Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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.

2177
 Dr. Qasim

To: Mr. Ahmed Ijaz, Quantity Surveyor
 LINKER Developers (Pvt.) Ltd.

Project: Construction of Warehouse at US Apparel & Textiles Unit # 3 & 4

Our Ref. No. CL/CED/ 6340

Dated: 10-11-21

Test Specification

Your Ref. No. Nil

Dated: 02-11-21

(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	---	2	10	2021	6Diax12	---	14	28.28	16	1267	---	Non-Engraved
2	---	2	10	2021	6Diax12	---	14	28.28	19	1505	---	Non-Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

2219
 Dr. Qasim Shaukat

To: Syed Tasawur Hussain Naqvi, AEE-III
 CCD, 85-A Judicial Colony, Pak. PWD, Gujranwala

Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhpura, Phase-I (SH: Admin Block)

Our Ref. No. CL/CED/ 6341

Dated: 10-11-21

Test Specification

Your Ref. No. AEE-III/CCD/GAWork/NHMP/P-I/Lab/14

Dated: 16-04-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 28-10-21 Tested on: 01-11-21 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	F.F Beam & Slab	18	3	2021	6x6x6	---	8.8	36	81	5040	---	Non-Engraved
2	F.F Beam & Slab	18	3	2021	6x6x6	---	8.6	36	78	4853	---	Non-Engraved
3	F.F Beam & Slab	18	3	2021	6x6x6	---	8.8	36	81	5040	---	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/>

- * 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.

2213
 Dr. Qasim Shaukat

To: Engr. Abdul Karim, RE
 Allied Engineering Consultants (Pvt.) Ltd.

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group No.1)

Our Ref. No. CL/CED/ 6342

Dated: 10-11-21

Test Specification

Your Ref. No. AEC/MBC/2021/145

Dated: 04-11-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 08-11-21 Tested on: 10-11-21 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	Water Tank Wall (P-2) Top Floor (1:1)	8	8	2021	6x6x6	---	9	36	116	7218	---	Non-Engraved
2	Water Tank Wall (P-2) Top Floor (1:1)	8	8	2021	6x6x6	---	9	36	132	8213	---	Non-Engraved
3	Water Tank Wall (P-2) Top Floor (1:1)	8	8	2021	6x6x6	---	9	36	88	5476	---	Non-Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- 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.

2213
 Dr. Qasim Shaukat

To: Engr. Abdul Karim, RE
 Allied Engineering Consultants (Pvt.) Ltd.

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group No.1)

Our Ref. No. CL/CED/ 6343

Dated: 10-11-21

Test Specification

Your Ref. No. AEC/MBC/2021/146

Dated: 04-11-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 08-11-21 Tested on: 10-11-21 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	Roof Slab (P-3) Top Roof Floor (1:2:4)	16	8	2021	6x6x6	---	8.8	36	92	5724	---	Non-Engraved
2	Roof Slab (P-3) Top Roof Floor (1:2:4)	16	8	2021	6x6x6	---	9	36	104	6471	---	Non-Engraved
3	Roof Slab (P-3) Top Roof Floor (1:2:4)	16	8	2021	6x6x6	---	8.8	36	117	7280	---	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)
- 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.

2213
 Dr. Qasim Shaukat

To: Engr. Abdul Karim, RE
 Allied Engineering Consultants (Pvt.) Ltd.

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group No.1)

Our Ref. No. CL/CED/ 6344

Dated: 10-11-21

Test Specification

Your Ref. No. AEC/MBC/2021/144

Dated: 04-11-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 08-11-21 Tested on: 10-11-21 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	Lift Well (P-3) Top Roof Floor (1-1)	9	8	2021	6x6x6	---	9	36	114	7093	---	Non-Engraved
2	Lift Well (P-3) Top Roof Floor (1-1)	9	8	2021	6x6x6	---	8.8	36	136	8462	---	Non-Engraved
3	Lift Well (P-3) Top Roof Floor (1-1)	9	8	2021	6x6x6	---	9	36	111	6907	---	Non-Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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.

2211
 Dr. Aqsa

To: Mr. M. Anwar, Security Manager
 Amer Adnan Associates, #17-E-II, Gulberg III, Lahore

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

Our Ref. No. CL/CED/ 6345

Dated: 10-11-21

Test Specification

Your Ref. No. AAA 24A/0061

Dated: 08-11-21

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COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 08-11-21 **Tested on:** 09-11-21 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	Solid Block	---	---	---	11.8x3.9x8.0	---	13.4	46.02	42	2044	---	---
2	Hollow Block	---	---	---	15.7x5.7x7.9	---	18	67.63	53	1755	---	---
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.

2220
 Dr. Qasim

To: Mr. Haris Mehmood, Director Supply Chain
 Shahid Builders (Pvt.) Ltd. Lahore

Project: Construction of Teaching Hospital 500 Beds at Sarfraz Rafiqi Road, Lahore, Cantt

Our Ref. No. CL/CED/ 6346

Dated: 10-11-21

Test Specification

Your Ref. No. Nil

Dated: 09-11-21

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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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	Rectangular 60mm, Grav	---	---	---	7.7x3.9x2.3	---	2740	30.03	96	7161	---	---
2	Rectangular 60mm, Grav	---	---	---	7.7x3.9x2.3	---	2780	30.03	89	6639	---	---
3	Rectangular 60mm, Grav	---	---	---	7.7x3.9x2.3	---	2755	30.03	94	7012	---	---
4	Rectangular 60mm, Grav	---	---	---	7.7x3.9x2.3	---	2760	30.03	91	6788	---	---
5	Rectangular 60mm, Grav	---	---	---	7.7x3.9x2.3	---	2825	30.03	93	6937	---	---
6	Rectangular 60mm, Grav	---	---	---	7.7x3.9x2.3	---	2760	30.03	75	5594	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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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.

2221
 Dr. Qasim

To: Mr. Abid Hussain, PM
 Elite Engineering Pvt. Ltd.

Project: Al Khair Rice Mill Renala

Our Ref. No. CL/CED/ 6347

Dated: 10-11-21

Test Specification

Your Ref. No. Nil

Dated: 09-11-21

(---)

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	Rectangular, Grey, 80mm	---	---	---	7.7x3.7x3.0	---	3210	28.49	37	2909	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.7x3.7x3.0	---	3450	28.49	91	7155	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.7x3.7x3.0	---	3335	28.49	67	5268	---	---
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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