



**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.

5446  
 Dr. Mazhar

To: Mr. Muhammad Naeem  
 CEO, CreteStones Engineering Pvt. Ltd.

Project: Nil

Our Ref. No. CL/CED/ 2213

Dated: 21-06-23

Test Specification

Your Ref. No. Nil

Dated: Nil

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: **20-06-23** Tested on: **21-06-23** 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	Grey Tile	---	---	---	4x4x0.7	---	420	16	40	5600	---	Cut Piece
2	Dark Grey Tile	---	---	---	4x4x1.0	---	600	16	50	7000	---	Cut Piece
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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

5413  
 Dr. Aqsa

**To:** Mr. Abdul Karim Tahir  
 Head Co-ordination and Development, Adabistan-e-Soophia School Lahore.

**Project:** Nil

**Our Ref. No.** CL/CED/ 2214-1 of 2

**Dated:** 21/6/2023

**Test Specification**

**Your Ref. No.** AES/23/16208

**Dated:** 16/6/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 16/6/2023 **Tested on:** 21/6/2023 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	6	2023	6Diax12	---	14.6	28.28	33	2614	---	Non Engraved
2	---	4	6	2023	6Diax12	---	15	28.28	29	2297	---	Non Engraved
3	---	4	6	2023	6Diax12	---	14.2	28.28	29	2297	---	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"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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5413  
 Dr. Aqsa

**To:** Mr. Abdul Karim Tahir  
 Head Co-ordination and Development, Adabistan-e-Soophia School Lahore.

**Project:** Nil

**Our Ref. No.** CL/CED/ 2214-2 of 2

**Dated:** 21/6/2023

**Test Specification**

**Your Ref. No.** AES/23/16208

**Dated:** 16/6/2023

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 16/6/2023 **Tested on:** 21/6/2023 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	6	2023	6x6x6	---	8	36	55	3422	---	Non Engraved
2	---	4	6	2023	6x6x6	---	8	36	41	2551	---	Non Engraved
3	---	4	6	2023	6x6x6	---	8.2	36	47	2924	---	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**



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5368  
 Dr. Umbreen

**To:** M. Saleem Shahid  
 Construction Manager, China Electric Power Equipment and Technology Co., Ltd  
 Project: Cont. No. ADB-300AR-2021- Procur. of Plant- Dsn, Sply, Inst, Test. & Comm. of 500/220/132KV Lhr NorthSub Station and Exten. Works at 500/220/132KV Nokhar Substation Under ADB Loan No. 3677  
 Our Ref. No. CL/CED/ 2215      Dated: 21/6/2023  
 Your Ref. No. CET/ADB-300AR/NTDC/2023-235      Dated: 08-06-23

Test Specification  
 ( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **9/6/2023**      Tested on: **20/6/2023** 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	C-4 Type B-5	8	5	2023	6Diax12	---	12.4	28.28	69	5465	---	Non Engraved
2	C-4 Type B-5	8	5	2023	6Diax12	---	12.6	28.28	63	4990	---	Non Engraved
3	C-4 Type B-5	8	5	2023	6Diax12	---	12.8	28.28	65	5149	---	Non Engraved
4	C-3 A1	27	5	2023	6Diax12	---	12.8	28.28	46	3644	---	Engraved
5	C-3 A1	27	5	2023	6Diax12	---	12.6	28.28	48	3802	---	Engraved
6	C-3 A1	27	5	2023	6Diax12	---	13	28.28	53	4198	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: **Aamir Sohail, Site Engineer, CET**

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

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

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
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5401  
 Dr. Qasim Khan

**To:** Engr. Major Zia-ul-Islam (R)  
 Project Director, GCC, Lahore- Overseas Construction Co. (Pvt.) Ltd

**Project:** Construction of Gulberg City Centre.

**Our Ref. No.** CL/CED/ 2216

**Dated:** 21/6/2023

**Test Specification**

**Your Ref. No.** OCC/CPD/27/178

**Dated:** 15/6/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 15/6/2023 **Tested on:** 21-06-23 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	6000 Psi	18	5	2023	6Diax12	---	13.8	28.28	78	6178	---	Non Engraved
2	6000 Psi	18	5	2023	6Diax12	---	14	28.28	80	6337	---	Non Engraved
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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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- \*\*\*\* 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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5401  
 Dr. Qasim Khan

**To:** Engr. Major Zia-ul-Islam (R)  
 Project Director, GCC, Lahore- Overseas Construction Co. (Pvt.) Ltd.

**Project:** Construction of Gulberg City Centre.

**Our Ref. No.** CL/CED/ 2217

**Dated:** 21/6/2023

**Test Specification**

**Your Ref. No.** OCC/CPD/27/183

**Dated:** 15/6/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 15/6/2023 **Tested on:** 21-06-23 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	6000 Psi	8	6	2023	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
2	6000 Psi	8	6	2023	6Diax12	---	13.8	28.28	63	4990	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:**

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

1. \* as engraved on the specimens (if any)
2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. \*\*\*\* 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

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2. 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**  
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**ORIGINAL**  
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5395  
 Dr. Umbreen

**To: Mr. Muhammad Asif**  
 Project Manager, Imperium Developers

**Project: Construction of Sixty6 at Gulberg-III Lahore.**

**Our Ref. No. CL/CED/ 2218**

**Dated: 21/6/2023**

**Test Specification**

**Your Ref. No. IMP/66/09/82**

**Dated: 13/6/2023**

**( ASTM C39 )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 13-06-23      Tested on: 20/6/2023      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	13	5	2023	6Diax12	---	13.6	28.28	53	4198	---	Non Engraved
2	3000 Psi	13	5	2023	6Diax12	---	13	28.28	54	4277	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by: Mr. M. Husnain, Site Engineer, Imperium Developers**

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

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

5417  
 Dr. Mazhar

**To:** Assistant Engineer  
 Engineering Wing, University of Sahiwal, Sahiwal

**Project:** Extension of Hall/Store Room Near Cafeteria at University of Sahiwal.

**Our Ref. No.** CL/CED/ 2219

**Dated:** 21/6/2023

**Test Specification**

**Your Ref. No.** UOSL/EW/22-23/072

**Dated:** 15-06-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 16/6/2023 **Tested on:** 21-06-23 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	Conc.(1:2:4) Roof Slab & Beams	19	5	2023	6Diax12	---	13	28.28	37	2931	---	Non Engraved
2	Conc.(1:2:4) Roof Slab & Beams	19	5	2023	6Diax12	---	12.4	28.28	31	2455	---	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-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.

5420  
 Dr. Mazhar

**To:** Assistant Engineer (Civil)  
 Building and Works Department, UET Lahore  
 Project: Construction of Upper Floor of Existing Building of "Building and Works Department" Main Campus UET Lahore.  
 Our Ref. No. CL/CED/ 2220      Dated: 21/6/2023  
 Your Ref. No. BB&W/EBW/13      Dated: 14/6/2023

Test Specification  
 ( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **16/6/2023** Tested on: **21/6/2023** 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	(1:2:4)	8	6	2023	6Diax12	---	13	28.28	13	1030	---	Engraved
2	(1:2:4)	8	6	2023	6Diax12	---	13.2	28.28	14.5	1149	---	Engraved
3	(1:2:4)	8	6	2023	6Diax12	---	13	28.28	15	1188	---	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
- \*\*\*\* ACI318-08 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.

5398  
 Dr. Mazhar

To: Izhar Steel (Pvt) Ltd.  
 0

Project: Parco Pearl Gas Facility Expansion Project

Our Ref. No. CL/CED/ 2221

Dated: 21/6/2023

Test Specification

Your Ref. No. ISPL-ISPL-112-LET-00011

Dated: 14/6/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **14/6/2023** Tested on: **21/6/2023** 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	TM-01 (3000 Psi)	30	5	2023	6Diax12	---	13.2	28.28	41	3248	---	Non Engraved
2	TM-01 (3000 Psi)	30	5	2023	6Diax12	---	13	28.28	39	3089	---	Non Engraved
3	TM-01 (3000 Psi)	30	5	2023	6Diax12	---	13	28.28	35	2772	---	Non Engraved
4	TM-02 (3500 Psi)	30	5	2023	6Diax12	---	13.2	28.28	47	3723	---	Non Engraved
5	TM-02 (3500 Psi)	30	5	2023	6Diax12	---	13	28.28	43	3406	---	Non Engraved
6	TM-02 (3500 Psi)	30	5	2023	6Diax12	---	13	28.28	45	3564	---	Non Engraved
7	TM-03 (3000 Psi)	31	5	2023	6Diax12	---	12.4	28.28	29	2297	---	Engraved
8	TM-03 (3000 Psi)	31	5	2023	6Diax12	---	12.6	28.28	23	1822	---	Engraved
9	TM-03 (3000 Psi)	31	5	2023	6Diax12	---	13	28.28	29	2297	---	Engraved
10	TM-04 (3500 Psi)	31	5	2023	6Diax12	---	12.4	28.28	33	2614	---	Engraved
11	TM-04 (3500 Psi)	31	5	2023	6Diax12	---	12.8	28.28	37	2931	---	Engraved
12	TM-04 (3500 Psi)	31	5	2023	6Diax12	---	12.4	28.28	35	2772	---	Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

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

5422  
 Dr. Mazhar

**To:** Engr. Zaheer ud Din Babar  
 Deputy General Manager Projects, Habib Rafiq Engineering (Pvt.) Ltd.

**Project:** Construction of Sky Gardens Tower, Lahore

**Our Ref. No.** CL/CED/ 2222

**Dated:** 21/6/2023

**Test Specification**

**Your Ref. No.** HRLE/SKG/2023/0127

**Dated:** 16/6/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 19/6/2023 **Tested on:** 21/6/2023 **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	Slab B-2 Pour 02 Grid A~E/1~4 (493)	15	5	2023	6Diax12	---	13	28.28	100	7921	---	Non Engraved
2	Slab B-2 Pour 02 Grid A~E/1~4 (493)	15	5	2023	6Diax12	---	13.4	28.28	100	7921	---	Non Engraved
3	Slab B-2 Pour 02 Grid A~E/1~4 (493)	15	5	2023	6Diax12	---	14	28.28	106	8396	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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

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

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

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

**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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

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

5393  
 Dr. Mazhar

**To:** Director Projects  
 Innovative (R) Construction Company

**Project:** Construction of ABL Branch at Fazaia Housing Scheme Phase-I, Lahore

**Our Ref. No.** CL/CED/ 2223

**Dated:** 21/6/2023

**Test Specification**

**Your Ref. No.** ICL/ABL/FH/0623/06

**Dated:** 13/6/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 13/6/2023 **Tested on:** 21/6/2023 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	Concrete Cylinders	4	6	2023	6Diax12	---	13	28.28	41	3248	---	Non Engraved
2	Concrete Cylinders	4	6	2023	6Diax12	---	13.2	28.28	43	3406	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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

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

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

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

**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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

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

5406  
 Dr. Qasim Khan

**To: Manager**  
 ABL-SIER P#12- AMCORP Engineering & Construction (Pvt) Ltd

**Project: Construction of ABL Proposed Commercial Building Sunder Industrial Plot No. 12**

**Our Ref. No. CL/CED/ 2224**

**Dated: 21/6/2023**

**Test Specification**

**Your Ref. No. ABL-SIER-AMC-QAQC-14**

**Dated: 15/6/2023**

**( ASTM C39 )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 15/6/2023      Tested on: 21/6/2023      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	Concrete Cylinders	4	6	2023	6Diax12	---	12.8	28.28	36	2851	---	Non Engraved
2	Concrete Cylinders	4	6	2023	6Diax12	---	13	28.28	37	2931	---	Non Engraved
3	Concrete Cylinders	4	6	2023	6Diax12	---	13	28.28	37	2931	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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

- 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.

5394  
 Dr. Qasim Khan

**To: Resident Engineer**  
 Al-Imam Enterprises (Pvt) Ltd

**Project: Construction of Zonal Office Building of Bank Al Habib Limited, Main Boulevard Gulberg, Lahore**  
 (Tube well, Protection Piles and Excavation works)

**Our Ref. No. CL/CED/ 2225**

**Dated: 21-06-23**

**Test Specification**

**Your Ref. No. Alm/BAHL/623/1206**

**Dated: 12-06-23**

**( ASTM C39 )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 13-06-23      Tested on: 21/6/2023      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	Concrete Cylinders	16	5	2023	6Diax12	---	14	28.28	44	3485	---	Non Engraved
2	Concrete Cylinders	16	5	2023	6Diax12	---	13.8	28.28	66	5228	---	Non Engraved
3	Concrete Cylinders	16	5	2023	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
4	Concrete Cylinders	17	5	2023	6Diax12	---	14	28.28	82	6495	---	Non Engraved
5	Concrete Cylinders	17	5	2023	6Diax12	---	13.4	28.28	92	7287	---	Non Engraved
6	Concrete Cylinders	17	5	2023	6Diax12	---	13.2	28.28	92	7287	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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.

5433  
 Dr. Mazhar

**To:** Sub Divisional Officer  
 Building Sub Division, Kot Radha Kishan

**Project:** Construction of Judicial Complex Kot Radha Kishan, District Kasur. ADP No. 3770/2022-23

**Our Ref. No.** CL/CED/ 2226

**Dated:** 21/6/2023

**Test Specification**

**Your Ref. No.** 179/KRK

**Dated:** 30-05-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 19-06-23 **Tested on:** 21/6/2023 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	RCC Roof Slab Ratio (1:2:4)	3	5	2023	6x6x6	---	8	36	53	3298	---	Non Engraved
2	RCC Roof Slab Ratio (1:2:4)	3	5	2023	6x6x6	---	8	36	63	3920	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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

**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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

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

5445  
 Dr. Qasim

**To:** Sub Divisional Officer  
 Gujranwala Drainage Sub Division Gujranwala  
 Project: Request for testing of Concrete Cube (6"x6"x6") Compressive Strength use in Project of Flood Protection of Kamoke and Adjoining Areas.  
 Our Ref. No. CL/CED/ 2227  
 Your Ref. No. 229/1-A

Dated: 21/6/2023      Test Specification  
 Dated: 12-06-23      ( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: **20/6/2023** Tested on: **21/6/2023** 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	L&R/S Pile(1:1.5:3)	11	5	2023	6x6x6	---	8.2	36	74	4604	---	Non Engraved
2	L&R/S Pile(1:1.5:3)	11	5	2023	6x6x6	---	8.4	36	59	3671	---	Non Engraved
3	L&R/S Pile(1:1.5:3)	12	5	2023	6x6x6	---	8.8	36	96	5973	---	Non Engraved
4	L&R/S Pile(1:1.5:3)	12	5	2023	6x6x6	---	8.4	36	84	5227	---	Non Engraved
5	L&R/S Pile(1:1.5:3)	13	5	2023	6x6x6	---	8.4	36	50	3111	---	Non Engraved
6	L&R/S Pile(1:1.5:3)	13	5	2023	6x6x6	---	8.2	36	52	3236	---	Non Engraved
7	L&R/S Pile(1:1.5:3)	16	5	2023	6x6x6	---	8	36	49	3049	---	Non Engraved
8	L&R/S Pile(1:1.5:3)	16	5	2023	6x6x6	---	8.4	36	52	3236	---	Non Engraved
9	L&R/S Pile Cap (1:1.5:3)	16	5	2023	6x6x6	---	8.8	36	89	5538	---	Non Engraved
10	L&R/S Pile Cap (1:1.5:3)	16	5	2023	6x6x6	---	8.6	36	100	6222	---	Non Engraved
11	L&R/S Pile Cap (1:1.5:3)	17	5	2023	6x6x6	---	8.6	36	97	6036	---	Non Engraved
12	L&R/S Pile Cap (1:1.5:3)	17	5	2023	6x6x6	---	8.2	36	78	4853	---	Non Engraved
13	L&R/S Pile Cap (1:1.5:3)	19	5	2023	6x6x6	---	8.2	36	56	3484	---	Non Engraved
14	L&R/S Pile Cap (1:1.5:3)	19	5	2023	6x6x6	---	8.8	36	110	6844	---	Non Engraved
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

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

5418  
 Dr. Qasim

**To:** Sub Divisional Officer  
 Farooqabad Link Canal Sub Division, Farooqabad

**Project:** Construction of New QB Link Office Complex, Residences and Boundary Wall at Farooqabad.

**Our Ref. No.** CL/CED/ 2228

**Dated:** 21/6/2023

**Test Specification**

**Your Ref. No.** 125/OR

**Dated:** 13/6/2023

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 16/6/2023 **Tested on:** 21/6/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	7	6	2023	6x6x6	---	8	36	31	1929	---	Engraved
2	---	7	6	2023	6x6x6	---	8	36	30	1867	---	Engraved
3	---	7	6	2023	6x6x6	---	8	36	29	1804	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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-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.

5412  
 Dr. Mazhar

**To:** Assistant Executive Engineer-I  
 Central Civil Division-1, Pak PWD; Lahore

**Project:** Construction of New Ayesha Hostel at PAS Campus at Civil Services Academy, Lahore.

**Our Ref. No.** CL/CED/ 2229

**Dated:** 21/6/2023

**Test Specification**

**Your Ref. No.** AEE-I/CCD-I/LHR/241

**Dated:** 01-08-22

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 16/6/2023 **Tested on:** 21/6/2023 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	Col. G/Floor (1:1.5:3)	20	6	2022	6x6x6	---	9.2	36	86	5351	---	Non Engraved
2	Col. G/Floor (1:1.5:3)	20	6	2022	6x6x6	---	8.2	36	49	3049	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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-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.

5412  
 Dr. Mazhar

**To:** Assistant Executive Engineer-I  
 Central Civil Division-1, Pak PWD; Lahore

**Project:** Construction of New Ayesha Hostel at PAS Campus at Civil Services Academy, Lahore.

**Our Ref. No.** CL/CED/ 2230

**Dated:** 21/6/2023

**Test Specification**

**Your Ref. No.** AEE-I/CCD-I/LHR/251

**Dated:** 01-08-22

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 16/6/2023 **Tested on:** 21/6/2023 **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	Col. First Floor (1:1.5:3)	19	11	2022	6x6x6	---	8.6	36	67	4169	---	Non Engraved
2	Col. First Floor (1:1.5:3)	19	11	2022	6x6x6	---	8.6	36	45	2800	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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-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.

5351  
 Dr. M. Mazhar

To: Campus Engineer  
 Prof. Dr. Engr. Abdullah Yasar

Project: Construction of New Girls Hostel at Main Campus GC University, Lahore.

Our Ref. No. CL/CED/ 2231

Dated: 21/6/2023

Test Specification

Your Ref. No. GCU/Engr/004/A

Dated: 02-06-23

( --- )

## COMPRESSION TEST REPORT



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

Specimens received on: **07-06-23** Tested on: **21/6/2023** 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	SZ	---	---	---	8.9 x 4.3 x 2.9	---	3050	38.27	49	2868	---	---	
2	SZ	---	---	---	8.7 x 4.3 x 2.9	---	3120	37.41	45	2694	---	---	
3	SZ	---	---	---	8.8 x 4.3 x 2.9	---	3045	37.84	43	2545	---	---	
4	SZ	---	---	---	8.7 x 4.3 x 2.8	---	3080	37.41	43	2575	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
10	---	---	---	---	---	---	---	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	
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14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory





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

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

5439  
 Dr. Qasim Khan

**To:** Mr. Atif Mujtaba Kazmi  
 Sialkot Fly Ash Bricks; The Pioneers of Fly Ash Bricks in Sialkot

**Project:** Nil

**Our Ref. No.** CL/CED/ 2232

**Dated:** 21/6/2023

**Test Specification**

**Your Ref. No.** Nil

**Dated:** Nil

( ---- )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 19-06-23 **Tested on:** 21/6/2023 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	Uni Block 60 mm Grey	---	---	---	2.3 thick	---	3550	36.44	82	5041	---	---	
2	Uni Block 60 mm Grey	---	---	---	2.2 thick	---	2875	36.44	81	4979	---	---	
3	Uni Block 60 mm Grey	---	---	---	2.2 thick	---	2975	36.44	90	5532	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
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-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.

5430  
Dr. Qasim Khan

To: Mr. Anees Akhtar  
Project Manager for Guarantee Engineers (Pvt.) Ltd

Project: Construction of the Hyundai Residential Project at FIEDMC, M3 Industrial Estate in Faisalabad.

Our Ref. No. CL/CED/ 2233

Dated: 21/6/2023

Test Specification

Your Ref. No. HNH/GE/TP/001

Dated: 16-06-23

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 19/6/2023 Tested on: 21/6/2023 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	---	3680	29.64	94	7104	---	---	
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3780	29.64	105	7935	---	---	
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3790	29.64	92	6953	---	---	
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3700	29.64	120	9069	---	---	
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3830	29.64	142	10731	---	---	
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3580	29.64	117	8842	---	---	
7	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2695	29.64	127	9598	---	---	
8	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2705	29.64	148	11185	---	---	
9	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.2	---	2470	29.64	58	4383	---	---	
10	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2755	29.64	119	8993	---	---	
11	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2805	29.64	148	11185	---	---	
12	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2710	29.64	150	11336	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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- \*\*\*\* ACI318-08 requires mean of two sample (6" 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.

5421  
 Dr. Qasim Khan

**To:** Mr. Mansoor Farid  
 Power Solutions (Pvt.) Ltd.

**Project:** Nil

**Our Ref. No.** CL/CED/ 2234

**Dated:** 21/6/2023

**Test Specification**

**Your Ref. No.** Nil

**Dated:** Nil

( ---- )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 16/6/2023 **Tested on:** 21/6/2023 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	Concrete Block (6000 Psi)	---	---	---	12 x 12 x 3.2	---	18.75	144	220	3422	---	Encased Steel Sheet	
2	Concrete Block (6000 Psi)	---	---	---	6 x 6 x 3.2	---	4.8	36	48	2987	---	Encased Steel Sheet	
3	---	---	---	---	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
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-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

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- The test results are recommended to be interpreted in the light of above factors by the engineer.

**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**