



**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.

3414  
 Dr. Aqsa

**To:** Deputy Director (Tech.)  
 Anti-Corruption Establishment, Bahawalpur Region, Bahawalpur

**Project:** Regular Enquiry No. 88/17 Water Supply Pipeline from Kudwala to Banna Post Cholistan.

**Our Ref. No.** CL/CED/ 9143-2 of 2

**Dated:** 6/21/2022

**Test Specification**

**Your Ref. No.** ACE-BR(DDT) 22/693

**Dated:** 6/9/2022

( BS 3921\*\* )

## COMPRESSION TEST 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	T	---	---	---	8.6 x 4.2 x 2.8	---	3000	36.12	34	2109	---	Used Brick
2	T	---	---	---	8.6 x 4.2 x 2.7	---	2880	36.12	18	1116	---	Used Brick
3	T	---	---	---	8.8 x 4.1 x 2.8	---	2945	36.08	24	1490	---	Used Brick
4	T	---	---	---	8.7 x 4.2 x 2.9	---	3065	36.54	35	2146	---	Used Brick
5	T	---	---	---	8.7 x 4.2 x 2.8	---	2830	36.54	20	1226	---	Used Brick
6	T	---	---	---	8.6 x 4 x 2.9	---	2955	34.4	27	1758	---	Used Brick
7	T	---	---	---	8.7 x 4.3 x 2.8	---	2950	37.41	22	1317	---	Used Brick
8	T	---	---	---	8.6 x 4.1 x 2.8	---	3015	35.26	30	1906	---	Used Brick
9	T	---	---	---	8.8 x 4.1 x 3	---	3020	36.08	23	1428	---	Used Brick
10	T	---	---	---	8.6 x 4.2 x 2.8	---	2915	36.12	29	1798	---	Used Brick
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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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" 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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3446  
 Dr. Aqsa

**To:** Mr. Zafar Iqbal Ahmad, Admin Manager  
 IVCC Starch Pack Kasur

**Project:** Construction of Starch Pack Green Field, Kasur

**Our Ref. No. CL/CED/ 9186**

**Dated: 6/21/2022**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 6/16/2022**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 6/16/2022 **Tested on:** 6/21/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Trial-04	19	5	2022	6Diax12	---	13.8	28.28	71	5624	---	Non Engraved
2	Trial-04	19	5	2022	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
3	Trial-04	19	5	2022	6Diax12	---	13.4	28.28	76	6020	---	Non Engraved
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-reports/>

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

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

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



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**ORIGINAL**  
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3443  
 Dr. Aqsa

**To:** Director PMO  
 UMT Lahore. (Contractor; Ikram Amjad Trader & Engineering Works).

**Project:** Nil

**Our Ref. No. CL/CED/ 9187**

**Dated: 6/21/2022**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 6/15/2022**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 6/15/2022 **Tested on:** 6/21/2022 **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 Raft	20	5	2022	6Diax12	---	13.2	28.28	50	3960	---	Engraved
2	RCC Retaining Wall & Columns	8	6	2022	6Diax12	---	13.8	28.28	70	5545	---	Engraved
3	RCC Retaining Wall & Columns	8	6	2022	6Diax12	---	13.8	28.28	63	4990	---	Engraved
4	RCC Retaining Wall & Columns	8	6	2022	6Diax12	---	14	28.28	77	6099	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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3448  
 Dr. Aqsa

**To:** (Mr. Sh. Muhammad Tariq), Engineer REC  
 The Help Care Society (TAC)

**Project:** Construction of Extension Block (The Help Care Society) TAC School, Johar Town, Lahore. (M/S Muhammad Ashfaq Ch & Sons Pvt. Ltd.)

**Our Ref. No.** CL/CED/ 9188

**Dated:** 6/21/2022

Test Specification

**Your Ref. No.** JCT EXT-24

**Dated:** 6/13/2022

(ASTM C39)

## COMPRESSION TEST REPORT



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

**Specimens received on:** 6/16/2022 **Tested on:** 6/21/2022 **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 3rd Floor Column	16	5	2022	6Diax12	---	13.4	28.28	45	3564	---	Non Engraved
2	RCC 3rd Floor Column	16	5	2022	6Diax12	---	13	28.28	37	2931	---	Non Engraved
3	RCC 3rd Floor Column	16	5	2022	6Diax12	---	13	28.28	38	3010	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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3441  
 Dr. Aqsa

To: Engr. M. Akram  
 CE Grand City Sara-i-Alamgir, Pakistan

Project: Nil

Our Ref. No. CL/CED/ 9189

Dated: 6/21/2022

Test Specification

Your Ref. No. GCK/2022/043

Dated: 6/15/2022

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 6/15/2022 Tested on: 6/21/2022 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	Culvert Deck Slab	22	5	2022	6Diax12	---	12.6	28.28	51	4040	---	Engraved
2	Culvert Deck Slab	22	5	2022	6Diax12	---	13.4	28.28	54	4277	---	Engraved
3	Culvert Deck Slab	22	5	2022	6Diax12	---	12.6	28.28	33	2614	---	Engraved
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3454  
 Dr. Aqsa

**To:** Mr. Saqib Rafique, Project Manager  
 BEMSOL Pvt. Ltd.

**Project:** Starch Pack Greenfield Project at Kasur

**Our Ref. No. CL/CED/ 9190**

**Dated: 6/21/2022**

**Test Specification**

**Your Ref. No. BPL/202206175**

**Dated: 6/17/2022**

**( BS 1881-116 )**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 6/17/2022 **Tested on:** 6/21/2022 **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	35 MPA, TM # 04	20	5	2022	6x6x6	---	8.8	36	124	7716	---	Non Engraved
2	35 MPA, TM # 04	20	5	2022	6x6x6	---	8.8	36	120	7467	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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3454  
 Dr. Aqsa

To: Mr. Saqib Rafique, Project Manager  
 BEMSOL Pvt. Ltd.

Project: Starch Pack Greenfield Project at Kasur.

Our Ref. No. CL/CED/ 9191

Dated: 6/21/2022

Test Specification

Your Ref. No. BPL/202206173

Dated: 6/17/2022

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 6/17/2022 Tested on: 6/21/2022 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	35 MPA, TM # 05	21	5	2022	6x6x6	---	8.8	36	102	6347	---	Non Engraved
2	35 MPA, TM # 05	21	5	2022	6x6x6	---	8.8	36	114	7093	---	Non Engraved
3	35 MPA, TM # 05	21	5	2022	6x6x6	---	8.6	36	114	7093	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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3454  
 Dr. Aqsa

To: Mr. Saqib Rafique, Project Manager  
 BEMSOL Pvt. Ltd.

Project: Starch Pack Greenfield Project at Kasur.

Our Ref. No. CL/CED/ 9192

Dated: 6/21/2022

Test Specification

Your Ref. No. BPL/202206171

Dated: 6/17/2022

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 6/17/2022 Tested on: 6/21/2022 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	11 MPA, TM # 01	19	5	2022	6x6x6	---	7.6	36	11	684	---	Non Engraved
2	11 MPA, TM # 01	19	5	2022	6x6x6	---	7.4	36	15	933	---	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" dia x 12" cylinder) strength at 28 days as compressive strength

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory





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

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

3454  
 Dr. Aqsa

To: Mr. Saqib Rafique, Project Manager  
 BEMSOL Pvt. Ltd.

Project: Starch Pack Greenfield Project at Kasur.

Our Ref. No. CL/CED/ 9193

Dated: 6/21/2022

Test Specification

Your Ref. No. BPL/202206172

Dated: 6/17/2022

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 6/17/2022 Tested on: 6/21/2022 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	11 MPA, TM # 02	19	5	2022	6x6x6	---	7.2	36	7	436	---	Non Engraved
2	11 MPA, TM # 02	19	5	2022	6x6x6	---	7.6	36	15	933	---	Non Engraved
3	11 MPA, TM # 02	19	5	2022	6x6x6	---	7.2	36	7	436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

Director/Dy. Director Concrete Laboratory



**Plain and Reinforced Concrete Laboratory**  
**Civil Engineering Department**  
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 Landline: 042-99029245 & 042-99029202      Mobile: 0307-0496895

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

3454  
 Dr. Aqsa

To: Mr. Saqib Rafique, Project Manager  
 BEMSOL Pvt. Ltd.

Project: Starch Pack Greenfield Project at Kasur.

Our Ref. No. CL/CED/ 9194

Dated: 6/21/2022

Test Specification

Your Ref. No. BPL/202206174

Dated: 6/17/2022

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 6/17/2022 Tested on: 6/21/2022 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	35 MPA, TM # 04	21	5	2022	6x6x6	---	8.6	36	94	5849	---	Non Engraved
2	35 MPA, TM # 04	21	5	2022	6x6x6	---	8.2	36	97	6036	---	Non Engraved
3	35 MPA, TM # 04	21	5	2022	6x6x6	---	8.2	36	112	6969	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

3449  
 Dr. Aqsa

To: Mr. Masoud Yazdani Sheik, SDO  
 Buildings Sub Division No. 20, Lahore.

Project: Construction of Women Development Office Complex Sabzazar Lahore (ADP No. 2482 for the Year 2021-2022)

Our Ref. No. CL/CED/ 9195

Dated: 6/21/2022

Test Specification

Your Ref. No. 286/20th

Dated: 6/14/2022

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 6/16/2022 Tested on: 6/21/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Basement Slab (1:2:4)	7	6	2022	6x6x6	---	8.6	36	81	5040	---	Non Engraved
2	Basement Slab (1:2:4)	7	6	2022	6x6x6	---	8.6	36	77	4791	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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" 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.

3422  
 Dr. Aqsa

**To:** For Ali's Asphalts Associates  
 104-A Muhafiz Town, 16-km Multan Road, Lahore

**Project:** Roomi Fabrics Project

**Our Ref. No.** CL/CED/ 9196

**Dated:** 6/21/2022

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 6/13/2022

( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 6/13/2022 **Tested on:** 6/21/2022 **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	SS	---	---	---	8.7 x 4.2 x 2.9	---	2940	36.54	50	3065	---	---
2	SS	---	---	---	8.7 x 4.2 x 2.8	---	2895	36.54	49	3004	---	---
3	7	---	---	---	8.7 x 4.1 x 2.8	---	2790	35.67	43	2700	---	---
4	7	---	---	---	8.7 x 4.1 x 2.8	---	2795	35.67	44	2763	---	---
5	B	---	---	---	8.8 x 4.2 x 2.8	---	2995	36.96	45	2727	---	---
6	B	---	---	---	8.7 x 4.1 x 2.9	---	2855	35.67	47	2951	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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" dia x 12" cylinder) strength at 28 days as compressive strength

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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

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

3394  
 Dr. Aqsa

To: Engr. Tajammal Farooq (RE-AZEA)  
 QABP - Sheikhpura

Project: Construction of Multipurpose Complex (MPC) at Quaid-e-Azam Business Park (QABP) on M-2 Motorway, Sheikhpura.

Our Ref. No. CL/CED/ 9197

Dated: 6/21/2022

Test Specification

Your Ref. No. RE/AZE/MPC-210

Dated: 4/20/2022

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 6/6/2022 Tested on: 6/21/2022 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	M	---	---	---	8.7 x 4.2 x 2.8	3445	3090	36.54	35	2146	11.49	---
2	M	---	---	---	8.7 x 4.3 x 2.8	3470	3105	37.41	37	2215	11.76	---
3	M	---	---	---	8.7 x 4.1 x 2.8	3410	3085	35.67	33	2072	10.53	---
4	M	---	---	---	8.6 x 4.1 x 2.6	3335	3085	35.26	47	2986	8.1	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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- \*\*\*\* ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



**Plain and Reinforced Concrete Laboratory**  
**Civil Engineering Department**  
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 Landline: 042-99029245 & 042-99029202      Mobile: 0307-0496895

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

3392  
 Dr. Aqsa

**To:** Mr. Ameen Udden, PM Project  
 Majeed Associates (Pvt.) Ltd. Karachi

**Project:** ABL Bahria Orchard Lahore.

**Our Ref. No.** CL/CED/ 9198

**Dated:** 6/21/2022

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 6/6/2022

( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 6/6/2022 **Tested on:** 6/21/2022 **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	K7	---	---	---	8.9 x 4.3 x 3	3730	3325	38.27	43	2517	12.18	---
2	K7	---	---	---	8.8 x 4.2 x 2.9	3540	3150	36.96	47	2848	12.38	---
3	K7	---	---	---	8.7 x 4.2 x 3	3630	3275	36.54	45	2759	10.84	---
4	K7	---	---	---	8.7 x 4.3 x 2.9	3650	3250	37.41	54	3233	12.31	---
5	K7	---	---	---	8.8 x 4.4 x 3	3820	3355	38.72	35	2025	13.86	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



**Plain and Reinforced Concrete Laboratory**  
**Civil Engineering Department**  
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**ORIGINAL**  
 A carbon copy for the report has been retained in the lab for record.

3444  
 Dr. Aqsa

**To:** Mr. Shamim Ahmad Khan Niazi, Sales Manager  
 Hassan Construction Company, Contractor & Developers

**Project:** Nil

**Our Ref. No.** CL/CED/ 9199

**Dated:** 6/21/2022

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 6/14/2022

( ---- )

## COMPRESSION TEST 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	Hollow Block	---	---	---	15.8 x 3.9 x 8	---	13.2	44.64	27	1355	---	---
2	Hollow Block	---	---	---	15.8 x 3.9 x 8	---	12.4	44.64	23	1154	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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

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

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

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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**