



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.

3487
 Dr. Yousaf

To: Engr. Muhammad Bilal Iqbal
 Project Manager, M. SIDDIQUE SONS Building Contractor

Project: 146-BWA Phase-VIII DHA Lahore.

Our Ref. No. CL/CED/ 9271

Dated: 01/07/2022

Test Specification

Your Ref. No. Nil

Dated: 27/06/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/6/2022 **Tested on:** 01/07/2022 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	Slab (3000 Psi)	6	6	2022	6Diax12	---	13	28.28	35	2772	---	Non Engraved
2	Slab (3000 Psi)	6	6	2022	6Diax12	---	13	28.28	39	3089	---	Non Engraved
3	Slab (3000 Psi)	6	6	2022	6Diax12	---	12.2	28.28	33	2614	---	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
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
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3482
 Dr. Yousaf

To: (Talha Khalid Khan)
 A/XEN E&M For GE (AIR) RAFIQI

Project: For Rehabilitation of JCO/AIRMEN QUARTERS AT PAF BASE RAFIQI Against CA NO CEAF-CZ-19/2022.

Our Ref. No. CL/CED/ 9272

Dated: 01/07/2022

Test Specification

Your Ref. No. 6577/17/E-6

Dated: 13/06/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **23/6/2022** Tested on: **01/07/2022** 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	---	18	5	2022	6Diax12	---	12.6	28.28	40	3168	---	Engraved
2	---	18	5	2022	6Diax12	---	12	28.28	38	3010	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3327
 Dr. Yousaf

To: (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/ 9273

Dated: 01/07/2022

Test Specification

Your Ref. No. JTC EXT-24

Dated: 13/06/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25/05/2022 **Tested on:** 01/07/2022 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 of 3rd Floor Column	16	5	2022	6Diax12	---	13	28.28	48	3802	---	Non Engraved
2	RCC of 3rd Floor Column	16	5	2022	6Diax12	---	13	28.28	46	3644	---	Non Engraved
3	RCC of 3rd Floor Column	16	5	2022	6Diax12	---	12.6	28.28	35	2772	---	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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3502
 Dr. Yousaf

To: Mr. Saqib Rafique
 Project Manager, BEMSOL Private Limited

Project: StarchPack Greenfield Project.

Our Ref. No. CL/CED/ 9274

Dated: 01/07/2022

Test Specification

Your Ref. No. BPL/2022062812

Dated: 28/06/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **28/6/2022** Tested on: **01/07/2022** 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	26MPA TM#12	20	6	2022	6x6x6	---	8.2	36	73	4542	---	Non Engraved
2	26MPA TM#12	20	6	2022	6x6x6	---	8.2	36	79	4916	---	Non Engraved
3	26MPA TM#12	20	6	2022	6x6x6	---	8.2	36	88	5476	---	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
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Director/Dy. Director Concrete Laboratory



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3502
 Dr. Yousaf

To: Mr. Saqib Rafique
 Project Manager BEMSOL Private Limited
 Project: StarchPack Greenfield Project at Kasur
 Our Ref. No. CL/CED/ 9275
 Your Ref. No. BPL/202206288

Dated: 01/07/2022 Test Specification
 Dated: 28/06/2022 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 28/6/2022 Tested on: 01/07/2022 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	44MPA TM#08	3	5	2022	6x6x6	---	8.2	36	122	7591	---	Non Engraved
2	44MPA TM#08	3	5	2022	6x6x6	---	8.6	36	140	8711	---	Non Engraved
3	44MPA TM#08	3	5	2022	6x6x6	---	8.2	36	114	7093	---	Non Engraved
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Witnessed by:

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- * as engraved on the specimens (if any)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3489
 Dr. Yousaf

To: **Muhammad Shahbaz**
 For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 9276

Dated: 01/07/2022

Test Specification

Your Ref. No. IHPL/Con/832

Dated: 21/06/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **27/6/2022** Tested on: **30/06/2022** 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	4000 Psi	31	5	2022	6Diax12	---	13	28.28	66	5228	---	Non Engraved
2	4000 Psi	31	5	2022	6Diax12	---	13.2	28.28	70	5545	---	Non Engraved
3	4000 Psi	31	5	2022	6Diax12	---	13.8	28.28	76	6020	---	Non Engraved
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Witnessed by: **Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan**

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

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ORIGINAL
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3489
 Dr. Yousaf

To: Muhammad Shahbaz
 For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 9277

Dated: 01/07/2022

Test Specification

Your Ref. No. IHPL/Con/831

Dated: 21/06/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/6/2022 **Tested on:** 30/06/2022 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	5000 Psi	31	5	2022	6Diax12	---	14	28.28	71	5624	---	Non Engraved
2	5000 Psi	31	5	2022	6Diax12	---	13.6	28.28	61	4832	---	Non Engraved
3	5000 Psi	31	5	2022	6Diax12	---	14	28.28	79	6257	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan

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

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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3489
 Dr. Yousaf

To: **Muhammad Shahbaz**
 For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 9278

Dated: 01/07/2022

Test Specification

Your Ref. No. IHPL/Con/830

Dated: 21/06/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **27/6/2022** Tested on: **30/06/2022** 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	5000 Psi	29	5	2022	6Diax12	---	13.8	28.28	77	6099	---	Non Engraved
2	5000 Psi	29	5	2022	6Diax12	---	14	28.28	87	6891	---	Non Engraved
3	5000 Psi	29	5	2022	6Diax12	---	14	28.28	54	4277	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: **Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan**

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

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

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

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- 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.

3489
 Dr. Yousaf

To: Muhammad Shahbaz
 For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 9279

Dated: 01/07/2022

Test Specification

Your Ref. No. IHPL/Con/829

Dated: 21/06/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/6/2022 **Tested on:** 30/06/2022 **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	5000 Psi	28	5	2022	6Diax12	---	14	28.28	57	4515	---	Non Engraved
2	5000 Psi	28	5	2022	6Diax12	---	13.4	28.28	82	6495	---	Non Engraved
3	5000 Psi	28	5	2022	6Diax12	---	14	28.28	84	6653	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan

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

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

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

ORIGINAL
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3489
 Dr. Yousaf

To: **Muhammad Shahbaz**
 For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 9280

Dated: 01/07/2022

Test Specification

Your Ref. No. IHPL/Con/828

Dated: 21/06/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **27/6/2022** Tested on: **30/06/2022** 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	5000 Psi	27	5	2022	6Diax12	---	13.4	28.28	60	4752	---	Non Engraved
2	5000 Psi	27	5	2022	6Diax12	---	14	28.28	86	6812	---	Non Engraved
3	5000 Psi	27	5	2022	6Diax12	---	13.2	28.28	69	5465	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: **Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan**

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

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 Dr. Yousaf

To: Muhammad Shahbaz
 For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 9281

Dated: 01/07/2022

Test Specification

Your Ref. No. IHPL/Con/827

Dated: 21/06/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/6/2022 **Tested on:** 30/06/2022 **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	4000 Psi	27	5	2022	6Diax12	---	14	28.28	81	6416	---	Non Engraved
2	4000 Psi	27	5	2022	6Diax12	---	13.8	28.28	55	4356	---	Non Engraved
3	4000 Psi	27	5	2022	6Diax12	---	14	28.28	81	6416	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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