



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.

2714
 Dr. Mazhar

To: (Safdar Iqbal), AE
 AGE (Army)-II Gujranwala Cantt. I.D: SDO B&R-1, (Local)
 Project: Development of Full Flight Simulator (FFS) Project MI-17 at Rahwali Army Avn Base at Gwa. (Govt. Contractor; M/S H.S Construction Company). (CA No. CEA/CZ-83/2021)
 Our Ref. No. CL/CED/ 8111 Dated: 24-02-22 Test Specification
 Your Ref. No. 6000-943/38/E-6 Dated: 31-01-22 (----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 07-02-22 Tested on: 23-02-22 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	7UP	---	---	---	8.4 x 4.1 x 3	---	2680	34.44	33	2146	---	---
2	7UP	---	---	---	8.5 x 4.2 x 3	---	2675	35.7	23	1443	---	---
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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2714
 Dr. Mazhar

To: (Safdar Iqbal), AE
 AGE (Army)-II Gujranwala Cantt. I.D: SDO B&R-1, (Local)
 Project: Const of 1 x 64 Men SM Bk No.2 for ISSB Gwa.(Govt. Contractor; M/S Eagle Construction Co.). (CA No. CEA/CZ-158/2021)
 Our Ref. No. CL/CED/ 8112 Dated: 24-02-22 Test Specification
 Your Ref. No. 6000-961/40/E-6 Dated: 31-01-22 (----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 07-02-22 Tested on: 23-02-22 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	7UP	---	---	---	8.6 x 4.2 x 2.9	---	2670	36.12	37	2295	---	---
2	7UP	---	---	---	8.5 x 4.1 x 2.7	---	2625	34.85	29	1864	---	---
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
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- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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Director/Dy. Director Concrete Laboratory



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 Dr. Mazhar

To: (Safdar Iqbal), AE
 AGE (Army)-II Gujranwala Cantt. I.D: SDO B&R-1, (Local)
 Project: Const of 1 x 300 Men Examination Hall for ISSB Gwa.(Govt. Contractor; M/S A.M Brothers.). (CA No. CEA/CZ-155/2021).
 Our Ref. No. CL/CED/ 8113 Dated: 24-02-22
 Your Ref. No. 6000-962/43/E-6 Dated: 31-01-22

Test Specification
 (----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **07-02-22** Tested on: **23-02-22** 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	AS2	---	---	---	8.2 x 3.9 x 2.9	---	2720	31.98	35	2452	---	---
2	AS2	---	---	---	8.5 x 4 x 2.8	---	2705	34	31	2042	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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2730
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No.22 Lahore

Project: Up-gradation and Development of Shrine of Bibi Pak Daman, Lahore

Our Ref. No. CL/CED/ 8114

Dated: 24-02-22

Test Specification

Your Ref. No. 8/22nd

Dated: 22-01-22

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 09-02-22 **Tested on:** 22-02-22 **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	DG	---	---	---	8.9 x 4.4 x 2.9	---	3290	39.16	41	2345	---	---
2	DG	---	---	---	8.9 x 4.2 x 2.9	---	3165	37.38	47	2816	---	---
3	DG	---	---	---	8.6 x 4.2 x 3	---	3345	36.12	45	2791	---	---
4	DG	---	---	---	8.8 x 4.3 x 3	---	3360	37.84	35	2072	---	---
5	DG	---	---	---	8.7 x 4.3 x 2.9	---	3320	37.41	36	2156	---	---
6	RM1	---	---	---	8.7 x 4.2 x 3	---	3160	36.54	44	2697	---	---
7	RM1	---	---	---	8.9 x 4.2 x 3.1	---	3130	37.38	46	2757	---	---
8	RM1	---	---	---	8.8 x 4.3 x 3	---	3340	37.84	44	2605	---	---
9	RM1	---	---	---	8.9 x 4.3 x 2.9	---	3150	38.27	39	2283	---	---
10	RM1	---	---	---	8.7 x 4.2 x 2.9	---	3145	36.54	47	2881	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2793
 Dr. Aqsa

To: Mr. Muhammad Shahbaz
 Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8115

Dated: 24-02-22

Test Specification

Your Ref. No. IHPL/Con/669

Dated: 15-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 18-02-22 Tested on: 22-02-22 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	7000 Psi	12	1	2022	6Diax12	---	14	28.28	94	7446	---	Non Engraved
2	7000 Psi	12	1	2022	6Diax12	---	14	28.28	103	8158	---	Non Engraved
3	7000 Psi	12	1	2022	6Diax12	---	14	28.28	94	7446	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah (IHPL) and Engr. Ali Hasnain Khan (KB)

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2793
 Dr. Aqsa

To: Mr. Muhammad Shahbaz
 Imperium Hospitality (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 8116

Dated: 24-02-22

Test Specification

Your Ref. No. IHPL/Con/670

Dated: 15-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 18-02-22 Tested on: 22-02-22 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	13	1	2022	6Diax12	---	14	28.28	93	7366	---	Non Engraved
2	4000 Psi	13	1	2022	6Diax12	---	14.2	28.28	97	7683	---	Non Engraved
3	4000 Psi	13	1	2022	6Diax12	---	14	28.28	84	6653	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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2793
 Dr. Aqsa

To: Mr. Muhammad Shahbaz
 Imperium Hospitality (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 8117

Dated: 24-02-22

Test Specification

Your Ref. No. IHPL/Con/671

Dated: 15-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 18-02-22 Tested on: 22-02-22 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	14	1	2022	6Diax12	---	14	28.28	96	7604	---	Non Engraved
2	6000 Psi	14	1	2022	6Diax12	---	14	28.28	92	7287	---	Non Engraved
3	6000 Psi	14	1	2022	6Diax12	---	14	28.28	88	6970	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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2823
 Engr. Ubaid

To: Engr. Hassan Mahmood, Resident Engineer
 G3 Engineering Consultants (Pvt) Ltd. (Contractor; M/s Ghousia Engg. & Const. Pvt Ltd Lahore.)

Project: Construction of DHA Newlife Residency Apartments at 273/1 Q Block Phase-II, Lahore.

Our Ref. No. CL/CED/ 8118

Dated: 24-02-22

Test Specification

Your Ref. No. G3/DHA-NLD/RE/035

Dated: 22-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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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	Column	13	2	2022	6Diax12	---	14	28.28	75	5941	---	Non Engraved
2	Column	13	2	2022	6Diax12	---	13.4	28.28	73	5782	---	Non Engraved
3	Column	13	2	2022	6Diax12	---	14	28.28	69	5465	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah (IHPL) and Engr. Ali Hasnain Khan (KB)

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