



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.

4961
 Dr. M. Yousaf

To: Mr. Talha Javaid
 Project Manager, CONSTRUCT ®

Project: DRGCC GOLFER'S COMPLEX

Our Ref. No. CL/CED/ 1483

Dated: 17/3/2023

Test Specification

Your Ref. No. CON/PM/GC/230316

Dated: 16/3/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **16/03/2023** Tested on: **17/3/2023** 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	Foundation Pile Caps (4000 Psi)	9	3	2023	6Diax12	---	13.4	28.28	55	4356	---	Engraved
2	Foundation Pile Caps (4000 Psi)	9	3	2023	6Diax12	---	13.2	28.28	57	4515	---	Engraved
3	Foundation Pile Caps (4000 Psi)	9	3	2023	6Diax12	---	13.4	28.28	50	3960	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
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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



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

4840
 Dr. M. Yousaf

To: Mr. Umair Badar
 Site Incharge, TETRA READY MIX, A Concrete Solutions Company

Project: House No. 45M A/3 Gulberg-III, Lahore

Our Ref. No. CL/CED/ 1484

Dated: 17/3/2023

Test Specification

Your Ref. No. TRM/Shahzad/013

Dated: 24/2/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **24/02/2023** Tested on: **17/3/2023** 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	5000 Psi	2	2	2023	6Diax12	---	13.8	28.28	87	6891	---	Non Engraved
2	5000 Psi	2	2	2023	6Diax12	---	13.8	28.28	72	5703	---	Non Engraved
3	4000 Psi	16	2	2023	6Diax12	---	14	28.28	89	7050	---	Non Engraved
4	4000 Psi	16	2	2023	6Diax12	---	13.2	28.28	89	7050	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: M. Umair Badar, CNIC: 35201-6685227-9

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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4937
 Dr. M. Yousaf

To: Mr. M. Rashid
 Tehsil & District Layya.

Project: Construction of House 211-C, DHA Phase 8, Lahore.

Our Ref. No. CL/CED/ 1485

Dated: 17/3/2023

Test Specification

Your Ref. No. DHA/211C/06

Dated: 01-03-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **13-03-23** Tested on: **17/3/2023** 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)	1	3	2023	6Diax12	---	13.2	28.28	40	3168	---	Non Engraved
2	(1:2:4)	1	3	2023	6Diax12	---	13	28.28	36	2851	---	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/>

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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"diax12" cylinder) strength at 28 days as compressive strength

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Director/Dy. Director Concrete Laboratory



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4929
 Dr. M. Yousaf

To: Mr. M. Munir
 Construction Manager, Minky & Associates (Pvt) Limited

Project: Construction of 34-S, Gulberg-II, Lahore

Our Ref. No. CL/CED/ 1486

Dated: 17/3/2023

Test Specification

Your Ref. No. MA/UET/34/23310

Dated: 10-03-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10-03-23 Tested on: 17/3/2023 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	---	6	2	2023	6Diax12	---	13.2	28.28	33	2614	---	Non Engraved
2	---	20	2	2023	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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Director/Dy. Director Concrete Laboratory



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4929
 Dr. M. Yousaf

To: Mr. M. Munir
 Construction Manager, Minky & Associates (Pvt) Limited

Project: Construction of 34-S, Gulberg-II, Lahore

Our Ref. No. CL/CED/ 1487

Dated: 17/3/2023

Test Specification

Your Ref. No. MA/UET/34/23310

Dated: 10-03-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **10-03-23** Tested on: **17/3/2023** 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	---	17	2	2023	6Diax12	---	12.4	28.28	50	3960	---	Non Engraved
2	---	17	2	2023	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
3	---	17	2	2023	6Diax12	---	13.4	28.28	71	5624	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4959
 Dr. M. Yousaf

To: Mr. Arif Siddique
 Ideal Construction Service

Project: Construction of FMH Tower Lahore

Our Ref. No. CL/CED/ 1488

Dated: 17/3/2023

Test Specification

Your Ref. No. ICS/786/493

Dated: 15/3/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16/3/2023 Tested on: 17/3/2023 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	---	8	3	2023	6Diax12	---	13.2	28.28	75	5941	---	Non Engraved
2	---	8	3	2023	6Diax12	---	13.2	28.28	85	6733	---	Non Engraved
3	---	8	3	2023	6Diax12	---	14	28.28	85	6733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4930
 Dr. M. Yousaf

To: Engr. Jaffar Hussain Randhawa
 Resident Engineer, Engineering Consultancy Services Punjab (Pvt) Limited
 Project: Construction of Baba Guru Nankan University, Nankana Shaib. (Group No.1), (M/s Shafiq Construction Company)
 Our Ref. No. CL/CED/ 1489
 Your Ref. No. ECSP/BGNU/30

Dated: 17/3/2023
 Dated: 02-03-23

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **10-03-23** Tested on: **17/3/2023** 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	BABU	---	---	---	8.7 x 4.2 x 3	3625	3220	36.54	27	1655	12.58	---
2	BABU	---	---	---	8.7 x 4.1 x 2.8	3430	3175	35.67	37	2324	8.03	---
3	BABU	---	---	---	8.7 x 4.3 x 2.8	3590	3240	37.41	35	2096	10.8	---
4	BABU	---	---	---	8.9 x 4.3 x 2.8	3610	3215	38.27	38	2224	12.29	---
5	BABU	---	---	---	8.8 x 4.3 x 2.8	3470	3100	37.84	45	2664	11.94	---
6	RS	---	---	---	8.8 x 4.3 x 2.7	2985	2485	37.84	22	1302	20.12	---
7	RS	---	---	---	8.7 x 4.2 x 2.9	3130	2595	36.54	25	1533	20.62	---
8	RS	---	---	---	8.7 x 4.1 x 2.9	3125	2580	35.67	30	1884	21.12	---
9	RS	---	---	---	8.7 x 4.1 x 2.7	3015	2540	35.67	18	1130	18.7	---
10	RS	---	---	---	8.7 x 4 x 2.8	3000	2515	34.8	30	1931	19.28	---
11	313	---	---	---	8.8 x 4.3 x 2.9	3360	2845	37.84	26	1539	18.1	---
12	313	---	---	---	8.4 x 4.1 x 2.8	3070	2660	34.44	32	2081	15.41	---
13	313	---	---	---	8.7 x 4.3 x 2.9	3320	2910	37.41	40	2395	14.09	---
14	313	---	---	---	8.5 x 4.1 x 2.9	3190	2715	34.85	25	1607	17.5	---
15	313	---	---	---	8.7 x 4.1 x 2.9	3355	2875	35.67	33	2072	16.7	---
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

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Director/Dy. Director Concrete Laboratory



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4922
 Dr. M. Yousaf

To: Mr. Saquib Akram
 Resident Engineer, NESPAK, LDA City Kahna Sports Complex, Lahore
 Project: Establishment of Sports Complex at LDA City Kahna, LDP, NA-129. (Contractor: M/S Saif Construction Company Pvt. Ltd)
 Our Ref. No. CL/CED/ 1490 Dated: 17/3/2023
 Your Ref. No. 3772/103/NA-129/RE/05/09 Dated: 06-03-23

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **09-03-23** Tested on: **17/3/2023** 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	AMB	---	---	---	8.8 x 4.3 x 2.9	3550	3160	37.84	46	2723	12.34	---	
2	AMB	---	---	---	8.7 x 4.3 x 2.9	3455	3115	37.41	38	2275	10.91	---	
3	AMB	---	---	---	8.7 x 4.2 x 3	3580	3185	36.54	37	2268	12.4	---	
4	AMB	---	---	---	8.6 x 4.2 x 2.9	3460	3180	36.12	38	2357	8.81	---	
5	AMB	---	---	---	8.7 x 4.3 x 2.9	3550	3170	37.41	42	2515	11.99	---	
6	AS	---	---	---	9 x 4.3 x 3	3880	3435	38.7	40	2315	12.95	---	
7	AS	---	---	---	8.7 x 4.4 x 3	3790	3365	38.28	40	2341	12.63	---	
8	AS	---	---	---	8.8 x 4.3 x 3	3635	3280	37.84	38	2249	10.82	---	
9	AS	---	---	---	8.9 x 4.3 x 3	3690	3285	38.27	36	2107	12.33	---	
10	AS	---	---	---	8.9 x 4.3 x 3	3860	3460	38.27	40	2341	11.56	---	
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.

4920
 Dr. M. Yousaf

To: Mr. Bilal Imtiaz
 Resident Engineer ECSP, District Jail Nankana Sahib
 Project: Engineering Consultancy Services for Construction of District Jail Nankana Sahib. (M/s Al-Madad Construction Company)
 Our Ref. No. CL/CED/ 1491 Dated: 17/3/2023
 Your Ref. No. 363/ECSP/NJ/RE/01 Dated: 03-03-23

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **08-03-23** Tested on: **17/3/2023** 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	FB	---	---	---	8.7 x 4.2 x 2.9	3365	2955	36.54	32	1962	13.87	---
2	FB	---	---	---	8.7 x 4.2 x 2.9	3355	2900	36.54	35	2146	15.69	---
3	FB	---	---	---	8.7 x 4.2 x 2.8	3320	2905	36.54	30	1839	14.29	---
4	FB	---	---	---	8.6 x 4.2 x 2.8	3245	2845	36.12	35	2171	14.06	---
5	FB	---	---	---	8.7 x 4.2 x 2.8	3335	2925	36.54	36	2207	14.02	---
6	Machine Made Double Line	---	---	---	8.6 x 4.1 x 2.8	3125	2660	35.26	46	2922	17.48	---
7	Machine Made Double Line	---	---	---	8.6 x 4.1 x 2.8	3155	2670	35.26	36	2287	18.16	---
8	Machine Made Double Line	---	---	---	8.5 x 4.1 x 2.7	3065	2600	34.85	34	2185	17.88	---
9	Machine Made Double Line	---	---	---	8.5 x 4.2 x 2.7	3040	2500	35.7	35	2196	21.6	---
10	Machine Made Double Line	---	---	---	8.6 x 4.1 x 2.8	3110	2630	35.26	30	1906	18.25	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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ORIGINAL
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4968&4969
 Dr. M. Yousaf

To: Mr. Tahir Ali, RE, Allied Bank Limited.
 Majeed Associates (Pvt) Ltd. Karachi.

Project: ABL Warehouse Pakpattan Sahiwal

Our Ref. No. CL/CED/ 1492

Dated: 17/3/2023

Test Specification

Your Ref. No. Nil

Dated: 17/3/2023

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **17/3/2023** Tested on: **17/3/2023** 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	---	3610	29.64	68	5139	---	---	
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3615	29.64	86	6499	---	---	
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3670	29.64	81	6121	---	---	
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3685	29.64	70	5290	---	---	
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3685	29.64	69	5215	---	---	
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3545	29.64	74	5592	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
10	---	---	---	---	---	---	---	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	
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14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by: Mr. Tahir Ali, CNIC # 36103-8516292-9

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

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