



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.

3674
 Dr. Yousaf

To: Mr. Muhammad Rafique
 Khushi Mohammad Construction Company

Project: Nil

Our Ref. No. CL/CED/ 9506

Dated: 05/08/2022

Test Specification

Your Ref. No. Nil

Dated: 03/08/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03/08/2022 Tested on: 05/08/2022 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	Top Roof Slab	6	7	2022	6x6x6	---	8.8	36	84	5227	---	Engraved
2	Top Roof Slab	6	7	2022	6x6x6	---	8.8	36	84	5227	---	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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ORIGINAL
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3676
 Dr. Yousaf

To: Mohammad Babar Ali, Project Manager,
 SUPER TECH SERVICES Managing Partner

Project: Nil

Our Ref. No. CL/CED/ 9507

Dated: 05/08/2022

Test Specification

Your Ref. No. VFP/EB/STS/22/11

Dated: 04/08/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 04/08/2022 **Tested on:** 05/08/2022 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	4450 Psi	26	7	2022	6x6x6	---	8.6	36	58	3609	---	Non Engraved
2	4450 Psi	26	7	2022	6x6x6	---	8.8	36	59	3671	---	Non Engraved
3	1500 Psi	27	7	2022	6x6x6	---	8.4	36	25	1556	---	Non Engraved
4	1500 Psi	27	7	2022	6x6x6	---	8.2	36	26	1618	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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3679
 Dr. Yousaf

To: Mr. Azmat Abbas
 Project Engineer, Liberty Castle

Project: Nil

Our Ref. No. CL/CED/ 9508

Dated: 05/08/2022

Test Specification

Your Ref. No. Project-132/E-Gulberg III Lahore

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 04/08/2022 Tested on: 05/08/2022 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	3000 Psi	20	6	2022	6Diax12	---	14	28.28	63	4990	---	Non Engraved
2	3000 Psi	20	6	2022	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
3	3000 Psi	6	7	2022	6Diax12	---	12.8	28.28	59	4673	---	Non Engraved
4	3000 Psi	6	7	2022	6Diax12	---	13.2	28.28	65	5149	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Director/Dy. Director Concrete Laboratory



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3654
 Dr. Yousaf

To: Engr. Sarfraz Ahmad
 Project Engineer, Union Developers

Project: Construction of Overhead Water Reservoir of one hundred thousand gallon water capacity at its Union Living Site, Canal Road Lahore.

Our Ref. No. CL/CED/ 9509

Dated: 05/08/2022

Test Specification

Your Ref. No. Nil

Dated: 29/07/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 01/08/2022 **Tested on:** 05/08/2022 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	OHWT, Lift # 3 (4000 Psi)	2	7	2022	6Diax12	---	13.8	28.28	67	5307	---	Non Engraved
2	OHWT, Lift # 3 (4000 Psi)	2	7	2022	6Diax12	---	13.8	28.28	80	6337	---	Non Engraved
3	OHWT, Lift # 3 (4000 Psi)	2	7	2022	6Diax12	---	13.8	28.28	72	5703	---	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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3650
 Engr. Ubaid

To: Mr. Waqas Ali
 VARIANT, 25-t Gulberg 2, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 9510

Dated: 05/08/2022

Test Specification

Your Ref. No. VA/29/24

Dated: 28/07/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **29/7/2022** Tested on: **05/08/2022** 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	Raft Pour-8 (Grid C to E, Line 3)	24	6	2022	6Diax12	---	13.2	28.28	61	4832	---	Non Engraved
2	Raft Pour-8 (Grid C to E, Line 3)	24	6	2022	6Diax12	---	14	28.28	77	6099	---	Non Engraved
3	Raft Pour-8 (Grid C to E, Line 3)	24	6	2022	6Diax12	---	14	28.28	62	4911	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Waqas Ali, CNIC # 35201-1159164-7

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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3650
 Engr.Ubaid

To: Mr. Waqas Ali
 VARIANT, 25-t Gulberg 2, Lahore

Project: Nil

Our Ref. No. CL/CED/ 9511

Dated: 05/08/2022

Test Specification

Your Ref. No. VA/29/25

Dated: 28/07/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/7/2022 Tested on: 05/08/2022 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	Col. (CL-2 to 6) SH. Wall-1	22	6	2022	6Diax12	---	14	28.28	100	7921	---	Non Engraved
2	Col. (CL-2 to 6) SH. Wall-1	22	6	2022	6Diax12	---	13.4	28.28	84	6653	---	Non Engraved
3	Col. (CL-2 to 6) SH. Wall-1	22	6	2022	6Diax12	---	13.4	28.28	84	6653	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Waqas Ali, CNIC # 35201-1159164-7

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- * as engraved on the specimens (if any)
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3650
 Engr. Ubaid

To: Mr. Waqas Ali
 VARIANT, 25-t Gulberg 2, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 9512

Dated: 05/08/2022

Test Specification

Your Ref. No. VA/29/23

Dated: 28/07/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/7/2022 Tested on: 05/08/2022 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	Raft Pour-10 (Grid C to E, Line 2)	21	6	2022	6Diax12	---	14	28.28	80	6337	---	Non Engraved
2	Raft Pour-10 (Grid C to E, Line 2)	21	6	2022	6Diax12	---	13.8	28.28	83	6574	---	Non Engraved
3	Raft Pour-10 (Grid C to E, Line 2)	21	6	2022	6Diax12	---	14	28.28	80	6337	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Waqas Ali, CNIC # 35201-1159164-7

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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3669
 Dr. Yousaf

To: Kohinoor Maple Leaf Group
 Kohinoor Textile Mills (Rainwind Division).

Project: Construction of Chairman Office.

Our Ref. No. CL/CED/ 9513

Dated: 05/08/2022

Test Specification

Your Ref. No. Nil

Dated: 03/08/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **03/08/2022** Tested on: **05/08/2022** 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	RRC Slab	3	7	2022	6x6x6	---	8.4	36	81	5040	---	Non Engraved
2	RRC Slab	3	7	2022	6x6x6	---	8.2	36	80	4978	---	Non Engraved
3	RRC Slab	3	7	2022	6x6x6	---	8.2	36	89	5538	---	Non Engraved
4	RRC Slab	3	7	2022	6x6x6	---	8.4	36	107	6658	---	Non Engraved
5	RRC Slab	3	7	2022	6x6x6	---	8.2	36	75	4667	---	Non Engraved
6	RRC Slab	3	7	2022	6x6x6	---	8.4	36	94	5849	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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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.

3643
 Dr. Umbreen

To: Muhammad Asif
 Project Manager, Imperium Developers Pvt. Ltd.

Project: Construction of Sixty6 at Gulberg-III, Lahore. (B 1, RL Slab)

Our Ref. No. CL/CED/ 9514

Dated: 05/08/2022

Test Specification

Your Ref. No. IMP/PM/66/07/05

Dated: 28/7/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/7/2022 **Tested on:** 02/08/2022 **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	C-1	29	6	2022	6Diax12	---	13.4	28.28	77	6099	---	Non Engraved
2	AA-1	29	6	2022	6Diax12	---	13.8	28.28	81	6416	---	Non Engraved
3	A-1	29	6	2022	6Diax12	---	13.8	28.28	73	5782	---	Non Engraved
4	A-2	29	6	2022	6Diax12	---	13.8	28.28	79	6257	---	Non Engraved
5	A-3	29	6	2022	6Diax12	---	14	28.28	71	5624	---	Non Engraved
6	A-4	29	6	2022	6Diax12	---	13.2	28.28	75	5941	---	Non Engraved
7	A-5	29	6	2022	6Diax12	---	13.2	28.28	79	6257	---	Non Engraved
8	AA-5	29	6	2022	6Diax12	---	13.8	28.28	65	5149	---	Non Engraved
9	A-6	29	6	2022	6Diax12	---	14	28.28	81	6416	---	Non Engraved
10	AA-6	29	6	2022	6Diax12	---	14	28.28	73	5782	---	Non Engraved
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Ali Raza, CNIC # 35101-6472072-3

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
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

3665
 Engr. Ubaid

To: Engr. Shahid Iqbal
 Manager Construction, Trans-Continental Freight Pvt Ltd.

Project: Construction of TAQ House - Gulberg at Plot No. 6F, Main Market, Gulberg-II, Lahore.

Our Ref. No. CL/CED/ 9515

Dated: 05/08/2022

Test Specification

Your Ref. No. THG/002/UET

Dated: 02/08/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02/08/2022 **Tested on:** 04/08/2022 **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	#19 (3000 Psi)	29	6	2022	6Diax12	---	13	28.28	46	3644	---	Engraved
2	#20 (3000 Psi)	29	6	2022	6Diax12	---	13	28.28	47	3723	---	Engraved
3	#22 (3000 Psi)	29	6	2022	6Diax12	---	13	28.28	30	2376	---	Engraved
4	#23 (3000 Psi)	29	6	2022	6Diax12	---	12.8	28.28	34	2693	---	Engraved
5	#26 (3000 Psi)	1	7	2022	6Diax12	---	13	28.28	34	2693	---	Engraved
6	#27 (3000 Psi)	1	7	2022	6Diax12	---	14	28.28	34	2693	---	Engraved
7	#30 (3000 Psi)	1	7	2022	6Diax12	---	13.2	28.28	19	1505	---	Engraved
8	#31 (3000 Psi)	1	7	2022	6Diax12	---	12.4	28.28	44	3485	---	Engraved
9	#35 (3000 Psi)	3	7	2022	6Diax12	---	13.2	28.28	37	2931	---	Engraved
10	#36 (3000 Psi)	3	7	2022	6Diax12	---	13	28.28	24	1901	---	Engraved
11	#37 (3000 Psi)	3	7	2022	6Diax12	---	12.4	28.28	56	4436	---	Engraved
12	#39 (3000 Psi)	4	7	2022	6Diax12	---	13	28.28	30	2376	---	Engraved
13	#40 (3000 Psi)	4	7	2022	6Diax12	---	13	28.28	29	2297	---	Engraved
14	#42 (3000 Psi)	4	7	2022	6Diax12	---	13	28.28	35	2772	---	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.

3641
 Dr. Yousaf

To: Brig. (R) Saeed Ahmed Malik, SI (M)
 Resident Engineer, NESPAK Highways & Transportation Engineering Division

Project: Establishment of Temporary Bakar Mandi for Sacrificial Animals at Raiwind Near Haveli Markaz
 Opposite Nisar Spinning Mills Sundar Road (New) Lahore.
 Our Ref. No. CL/CED/ 9516

Dated: 05/08/2022

Test Specification

Your Ref. No. 3071/BSAM/104/6448

Dated: 21/7/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **28/7/2022** Tested on: **05/08/2022** 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	Sword	---	---	---	8.6 x 4.1 x 3	3775	3495	35.26	49	3113	8.01	---	
2	Sword	---	---	---	8.8 x 4.3 x 3	3735	3400	37.84	47	2782	9.85	---	
3	Sword	---	---	---	8.8 x 4.3 x 3	3605	3365	37.84	42	2486	7.13	---	
4	Sword	---	---	---	8.5 x 4.1 x 2.9	3605	3365	34.85	49	3149	7.13	---	
5	Sword	---	---	---	8.6 x 4.2 x 2.9	3515	3205	36.12	43	2667	9.67	---	
6	Sword	---	---	---	8.8 x 4.3 x 3	3760	3350	37.84	45	2664	12.24	---	
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"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.

3595
 Dr. Yousaf

To: Deputy Director
 PHATA Sub Region, Okara

Project: Construction of Houses 3-Marla & 5-Marla in ADS-II Renala Khurd District Okara Under Naya Pakistan Housing Program. (M/S Pak Shahid Developers & JV Recent Construction).

Our Ref. No. CL/CED/ 9517

Dated: 05/08/2022

Test Specification

Your Ref. No. **Memo No.** 808

Dated: 19/7/2022

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 22/7/2022 **Tested on:** 05/08/2022 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	S10S	---	---	---	8.7 x 4.1 x 2.8	3315	2845	35.67	30	1884	16.52	---
2	S10S	---	---	---	8.7 x 4 x 2.7	2985	2590	34.8	28	1802	15.25	---
3	S10S	---	---	---	8.7 x 4 x 2.7	3240	2815	34.8	31	1995	15.1	---
4	ABC	---	---	---	8.7 x 4.3 x 2.8	3275	2840	37.41	36	2156	15.32	---
5	ABC	---	---	---	8.7 x 4.3 x 2.9	3490	3045	37.41	36	2156	14.61	---
6	ABC	---	---	---	8.7 x 4.3 x 2.8	3420	2995	37.41	26	1557	14.19	---
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.

3602
 Dr. Yousaf

To: Major Bilal Khan Yousafzai
 for Director General Pakistan Rangers (Punjab)

Project: Construction of Office Block at Headquarters Pakistan Rangers (Punjab) Lahore.

Our Ref. No. CL/CED/ 9518

Dated: 05/08/2022

Test Specification

Your Ref. No. 2289/Works/1183/2022

Dated: 16/7/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 25/7/2022 Tested on: 05/08/2022 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	AA	---	---	---	8.8 x 4.3 x 3	3800	3390	37.84	37	2190	12.09	---
2	AA	---	---	---	8.8 x 4.3 x 3.1	3830	3365	37.84	36	2131	13.82	---
3	AA	---	---	---	8.8 x 4.3 x 3	3810	3365	37.84	35	2072	13.22	---
4	AA	---	---	---	8.8 x 4.3 x 3	3730	3335	37.84	38	2249	11.84	---
5	AA	---	---	---	9 x 4.3 x 3.1	3980	3510	38.7	31	1794	13.39	---
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)
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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.

3564
 Dr. Yousaf

To: Mr. Shahzad Muneer
 Team Leader, G3 Engineering Consultants (Pvt) Ltd.

Project: Completion of Schemes under Community Development Programme in Sahiwal Division (GS No 7126) UC No. 117, UC No. 119, UC No. 120, UC No. 121 (Tibba Sadha Singh) Depalpur
 Our Ref. No. CL/CED/ 9519

Dated: 05/08/2022

Test Specification

Your Ref. No. G3/0265/TPV/12

Dated: 15/7/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 15/7/2022 Tested on: 05/08/2022 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	Machine Made Double Line	---	---	---	8.9 x 4.1 x 2.8	3345	2955	36.49	39	2394	13.2	Used Sample
2	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	3265	2890	36.54	38	2330	12.98	Used Sample
3	Machine Made Double Line	---	---	---	8.7 x 4.2 x 3	3160	2690	36.54	34	2084	17.47	Used Sample
4	Machine Made Double Line	---	---	---	8.8 x 4.3 x 3	3340	2935	37.84	35	2072	13.8	Used Sample
5	Machine Made Double Line	---	---	---	8.8 x 4.1 x 3	3225	2960	36.08	37	2297	8.95	Used Sample
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



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.

3564
 Dr. Yousaf

To: Mr. Shahzad Muneer
 Team Leader, G3 Engineering Consultants (Pvt) Ltd

Project: Extension Rehabilitation of Urban Sewerage Scheme Kamalia City Phase II (GS-1442)

Our Ref. No. CL/CED/ 9520

Dated: 05/08/2022

Test Specification

Your Ref. No. G3/0265/TPV/6

Dated: 06/07/2022

(---)

COMPRESSION TEST REPORT



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

Specimens received on: **15/7/2022** Tested on: **05/08/2022** 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	A1	---	---	---	8.8 x 4.3 x 2.8	3200	2715	37.84	38	2249	17.86	Used Sample
2	A1	---	---	---	8.7 x 4.3 x 2.8	3245	2745	37.41	25	1497	18.21	Used Sample
3	A1	---	---	---	8.7 x 4.2 x 2.8	3125	2705	36.54	37	2268	15.53	Used Sample
4	A1	---	---	---	8.7 x 4.2 x 2.9	3145	2720	36.54	40	2452	15.63	Used Sample
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.

3564
 Dr. Yousaf

To: Mr. Shahzad Muneer
 Team Leader, G3 Engineering Consultants (Pvt) Ltd

Project: Completion of schemes under Community Development Programme in Sahiwal Division (GS No 7126) UC Subhan Shah Chak No. 28/D, 30/D, 27/D & 18/D (Depalpur)

Our Ref. No. CL/CED/ 9521

Dated: 05/08/2022

Test Specification

Your Ref. No. G3/0265/TPV/15

Dated: 15/7/2022

(---)

COMPRESSION TEST REPORT

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

Specimens received on: 15/7/2022 **Tested on:** 05/08/2022 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	OK	---	---	---	8.8 x 4.3 x 2.8	3140	2720	37.84	24	1421	15.44	Used Sample
2	OK	---	---	---	8.8 x 4.2 x 2.7	3080	2525	36.96	18	1091	21.98	Used Sample
3	OK	---	---	---	8.6 x 4.3 x 2.8	3190	2725	36.98	22	1333	17.06	Used Sample
4	BK	---	---	---	8.5 x 4.3 x 3.1	3020	2540	36.55	32	1961	18.9	Used Sample
5	BK	---	---	---	8.6 x 4.2 x 2.9	3120	2615	36.12	23	1426	19.31	Used Sample
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)
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ORIGINAL
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 Dr. Yousaf

To: Mr. Shahzad Muneer
 Team Leader, G3 Engineering Consultants (Pvt) Ltd

Project: Completion of schemes under Community Development Programme in Sahiwal Division (GS No 7126) UC No 133 (Awan Kalan) Depalpur
 Our Ref. No. CL/CED/ 9522

Dated: 05/08/2022

Test Specification

Your Ref. No. G3/0265/TPV/13

Dated: 15/7/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 15/7/2022 Tested on: 05/08/2022 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	Machine Made Double Line	---	---	---	8.8 x 4.3 x 2.8	3360	2940	37.84	35	2072	14.29	Used Sample
2	Machine Made Double Line	---	---	---	8.6 x 4.1 x 2.8	3125	2800	35.26	42	2668	11.61	Used Sample
3	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	3260	2910	36.54	31	1900	12.03	Used Sample
4	Machine Made Double Line	---	---	---	8.5 x 4.3 x 2.8	3245	2805	36.55	34	2084	15.69	Used Sample
5	Machine Made Double Line	---	---	---	8.8 x 4.1 x 2.7	3290	3040	36.08	42	2608	8.22	Used Sample
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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