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.

3662
Dr.Mazhar

To: Sub Divisional Officer
Building Sub Division No. 2, Lahore

Project: Extension of Government Hospital Samanabad District Lahore (ADP No. 867/2120-21)

Our Ref. No. CL/CED/ 9490 **Dated: 03/08/2022**

Your Ref. No. 1057/2nd **Dated: 08/03/2022**

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 02/08/2022 Tested on: 03/08/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	R.C.C. 1:1 1/2:3 (Column)	14	12	2021	6x6x6	---	8	36	67	4169	---	Engraved
2	R.C.C. 1:1 1/2:3 (Column)	14	12	2021	6x6x6	---	8	36	57	3547	---	Engraved
3	R.C.C. 1:1 1/2:3 (Column)	14	12	2021	6x6x6	---	8.2	36	77	4791	---	Engraved
4	R.C.C. 1:2:4 (Roof Slab Beams)	11	1	2022	6x6x6	---	8	36	57	3547	---	Engraved
5	R.C.C. 1:2:4 (Roof Slab Beams)	11	1	2022	6x6x6	---	8	36	47	2924	---	Engraved
6	R.C.C. 1:2:4 (Roof Slab Beams)	11	1	2022	6x6x6	---	8	36	59	3671	---	Engraved
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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 comprerssive 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
A carbon copy for the report has been retained in the lab for record.

3660
Dr.Mazhar

To: Secretary
Engineers Town Lahore, Engineers Town Society Ltd.

Project: Construction for Extension of Zainab Masjid Sector "A" the Cooperatives Engineers Town Society Lahore.

Our Ref. No. CL/CED/ 9491 Dated: 03/08/2022 Test Specification

Your Ref. No. 10637/ICEIS/2022 Dated: 01/08/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 02/08/2022 Tested on: 03/08/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	M15	9	5	2022	6x6x6	---	8	36	63	3920	---	Engraved
2	M15	9	5	2022	6x6x6	---	8	36	59	3671	---	Engraved
3	M15	20	6	2022	6x6x6	---	8.4	36	49	3049	---	Non Engraved
4	M15	20	6	2022	6x6x6	---	8	36	53	3298	---	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 comprerssive 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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3659
Dr. Mazhar

To: Mr. Muhammad Usman
Lt Commander PN, GE (Navy) Lahore

Project: CA No. ENC-N-73/2021- Construction of Sports Complex at PNWC Walton Lahore.

Our Ref. No. CL/CED/ 9492 **Dated: 03/08/2022** **Test Specification**

Your Ref. No. 6024/24/36/E-6 **Dated: 29/07/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 02/08/2022 **Tested on:** 03/08/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	---	29	6	2022	6Diax12	---	13.4	28.28	43	3406	---	Engraved
2	---	29	6	2022	6Diax12	---	14	28.28	49	3881	---	Engraved
3	---	29	6	2022	6Diax12	---	13.2	28.28	23	1822	---	Engraved
4	---	29	6	2022	6Diax12	---	13.2	28.28	27	2139	---	Engraved
5	---	29	6	2022	6Diax12	---	13.2	28.28	51	4040	---	Engraved
6	---	29	6	2022	6Diax12	---	14	28.28	59	4673	---	Engraved
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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 comprerssive 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
A carbon copy for the report has been retained in the lab for record.

3620
Dr. Mazhar

To: Mr. Faisal Ali
Site In-Charge, for ITTEFAQ Construction Services.

Project: Respected Faizan Liaqat Sb (330-R, Johar Town, Lahore)

Our Ref. No. CL/CED/ 9493 Dated: 03/08/2022 **Test Specification**

Your Ref. No. ICA/FLS/09 Dated: 26/07/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 26/07/2022 Tested on: 03/08/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	G.Floor Columns Concrete (Cyl. #2)	30	5	2022	6Diax12	---	13.2	28.28	57	4515	---	Engraved
2	G.Floor Columns Concrete (Cyl. #2)	31	5	2022	6Diax12	---	13.2	28.28	65	5149	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Ismail, CNIC # 32303-1048863-1

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 comprerssive 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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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.

3640
Dr. Mazhar

To: Muhammad Nadeem Akram
Site Engineer, SAB Constructions, Engineers & Contractors

Project: Construction of Ortho Hospital, 96-B Hali Road, Gulberg-II, Lahore.

Our Ref. No. CL/CED/ 9494 **Dated:** 03/08/2022 **Test Specification**

Your Ref. No. SAB/ORT/LT/0002 **Dated:** 28/07/2022 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 28/07/2022 **Tested on:** 03/08/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Ist Floor Slab (4500 Psi)	16	6	2022	6Diax12	---	13	28.28	45	3564	---	Non Engraved
2	Ist Floor Slab (4500 Psi)	16	6	2022	6Diax12	---	14	28.28	57	4515	---	Non Engraved
3	Ist Floor Slab (4500 Psi)	16	6	2022	6Diax12	---	12.2	28.28	43	3406	---	Non Engraved
4	Ist Floor Slab (4500 Psi)	27	6	2022	6Diax12	---	12.2	28.28	49	3881	---	Non Engraved
5	Ist Floor Slab (4500 Psi)	27	6	2022	6Diax12	---	13	28.28	41	3248	---	Non Engraved
6	Ist Floor Slab (4500 Psi)	27	6	2022	6Diax12	---	13	28.28	53	4198	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
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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
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ORIGINAL
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3613
Dr. Mazhar

To: Deputy Director (Works)
Project Director of the Scheme O/O Mines Labour Welfare Commissioner, Punjab Lahore

Project: Construction of One Residence for Doctor at Mines Labour Welfare Hospital Complex Khushab

Our Ref. No. CL/CED/ 9495 **Dated: 03/08/2022** **Test Specification**

Your Ref. No. MLW/C.E./MT/50/17/9870 **Dated: 18/07/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 25/07/2022 Tested on: 03/08/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Roof Slab (1: 2: 4)	24	12	2021	6Diax12	---	13.4	28.28	57	4515	---	Non Engraved
2	Roof Slab (1: 2: 4)	24	12	2021	6Diax12	---	13.4	28.28	88	6970	---	Non 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 comprerssive 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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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3655
Dr. Mazhar

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

Project: Head Quarters Pakistan Rangers (Punjab), Ghazi Road, Lahore - 33.

Our Ref. No. CL/CED/ 9496 Dated: 03/08/2022 **Test Specification**

Your Ref. No. 2231/Works/1181 Dated: 16/07/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 01/08/2022 **Tested on:** 03/08/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Lintel Beams/ RCC Shade	19	7	2022	6Diax12	---	14	28.28	31	2455	---	Engraved
2	Lintel Beams/ RCC Shade	19	7	2022	6Diax12	---	14	28.28	33	2614	---	Engraved
3	Lintel Beams/ RCC Shade	19	7	2022	6Diax12	---	14	28.28	31	2455	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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 comprerssive 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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3639
Dr. Mazhar

To: Abdul Qadir Ali
Fateh Garh, Lahore Cantt.

Project: Lower Roof Slab + Raft

Our Ref. No. CL/CED/ 9497 **Dated:** 03/08/2022 **Test Specification**

Your Ref. No. Nil **Dated:** Nil **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 28/7/2022 **Tested on:** 03/08/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	3000 Psi	13	6	2022	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
2	3000 Psi	13	6	2022	6Diax12	---	14	28.28	69	5465	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 comprerssive 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**

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.

3639
Dr.Mazhar

To: Abdul Qadir Ali
Fateh Garh, Lahore Cantt.

Project: Retaining Wall.

Our Ref. No. CL/CED/ 9498 **Dated: 03/08/2022** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 28/7/2022 Tested on: 03/08/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	3000 Psi	26	6	2022	6Diax12	---	13.4	28.28	71	5624	---	Non Engraved
2	3000 Psi	26	6	2022	6Diax12	---	13.4	28.28	77	6099	---	Non 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 comprerssive 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**

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.

3639
Dr.Mazhar

To: Abdul Qadir Ali
Fateh Garh, Lahore Cantt.

Project: Columns

Our Ref. No. CL/CED/ 9499 **Dated: 03/08/2022** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 28/7/2022 Tested on: 03/08/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	4500 Psi	13	6	2022	6Diax12	---	14	28.28	75	5941	---	Non Engraved
2	4500 Psi	13	6	2022	6Diax12	---	13	28.28	77	6099	---	Non 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 comprerssive 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**

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.

3664
Dr. Mazhar

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

Project: Construction of Tehsil Comlex at Shalimar, Lahore.

Our Ref. No. CL/CED/ 9500 **Dated: 03/08/2022** **Test Specification**

Your Ref. No. 132/22nd **Dated: 28/7/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 02/08/2022 Tested on: 03/08/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	C.C 1:2:4 (Residence 1-10)	28	6	2022	6x6x6	---	8.4	36	81	5040	---	Non Engraved
2	C.C 1:2:4 (Residence 1-10)	28	6	2022	6x6x6	---	8.4	36	83	5164	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 comprerssive 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**

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.

3664
Dr.Mazhar

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

Project: Construction of Tehsil Complex at Shalimar, Lahore.

Our Ref. No. CL/CED/ 9501 **Dated: 03/08/2022** **Test Specification**

Your Ref. No. 131/22nd **Dated: 27/7/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 02/08/2022 Tested on: 03/08/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	C.C 1:2:4 (Garage)	27	6	2022	6x6x6	---	8.2	36	57	3547	---	Non Engraved
2	C.C 1:2:4 (Garage)	27	6	2022	6x6x6	---	7.8	36	39	2427	---	Non Engraved
3	C.C 1:2:4 (Toilet Block)	27	6	2022	6x6x6	---	8.2	36	69	4293	---	Non Engraved
4	C.C 1:2:4 (Toilet Block)	27	6	2022	6x6x6	---	8.6	36	61	3796	---	Non Engraved
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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 comprerssive 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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Plain and Reinforced Concrete Laboratory
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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.

3626
Dr. Mazhar

To: Colonel Azim Ilyas (R)
Executive Director/Secretary, Lahore Diocesan Board of Education

Project: Construction of St. Denys' High School, Phase-3, Murree

Our Ref. No. CL/CED/ 9502 **Dated:** 03/08/2022

Your Ref. No. COORD/124/12/BLDG **Dated:** 27/7/2022

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 27/7/2022 **Tested on:** 03/08/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	R.C.C. Column	24	8	2021	6x6x6	---	8	36	112	6969	---	Engraved
2	R.C.C. Column	24	8	2021	6x6x6	---	8.2	36	63	3920	---	Engraved
3	R.C.C. Column	24	8	2021	6x6x6	---	8.2	36	116	7218	---	Engraved
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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
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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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

ORIGINAL
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3626
Dr. Mazhar

To: Colonel Azim Ilyas (R)
Executive Director/Secretary, Lahore Diocesan Board of Education

Project: Construction of St. Denys' High School, Phase-3, Murree.

Our Ref. No. CL/CED/ 9503 **Dated: 03/08/2022** **Test Specification**

Your Ref. No. COORD/124/13/BLDG **Dated: 27/7/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 27/7/2022 Tested on: 03/08/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	R.C.C. Roof	30	8	2021	6x6x6	---	8.2	36	106	6596	---	Engraved
2	R.C.C. Roof	30	8	2021	6x6x6	---	8.8	36	114	7093	---	Engraved
3	R.C.C. Roof	30	8	2021	6x6x6	---	8.6	36	128	7964	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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**

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.

3626
Dr. Mazhar

To: Colonel Azim Ilyas (R)
Executive Director/Secretary, Lahore Diocesan Board of Education

Project: Construction of St. Denys' High School, Phase-3, Murree

Our Ref. No. CL/CED/ 9504 **Dated:** 03/08/2022 **Test Specification**

Your Ref. No. COORD/124/10/BLDG **Dated:** 26/7/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 27/7/2022 **Tested on:** 03/08/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	R.C.C. Roof	17	9	2021	6x6x6	---	8	36	86	5351	---	Engraved
2	R.C.C. Roof	17	9	2021	6x6x6	---	8	36	77	4791	---	Engraved
3	R.C.C. Roof	17	9	2021	6x6x6	---	8.6	36	65	4044	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 comprerssive 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**

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.

3670
Dr. Rizwan Riaz

To: Engr. Ameen Firdous
Prime Builders, Gulberg III, Lahore.

Project: Construction of B-45 Gulberg-III Lahore.

Our Ref. No. CL/CED/ 9505 **Dated:** 03/08/2022 **Test Specification**

Your Ref. No. Nil **Dated:** 03/08/2022 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2022 **Tested on:** 03/08/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	4000 Psi	7	7	2022	6Diax12	---	13.2	28.28	63	4990	---	Non Engraved
2	4000 Psi	7	7	2022	6Diax12	---	13.2	28.28	61	4832	---	Non Engraved
3	4000 Psi	7	7	2022	6Diax12	---	13.8	28.28	73	5782	---	Non Engraved
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Witnessed by: M. Uzair and Faisal Hussain

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 comprerssive 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**