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.

2396
Dr. M. Yousaf

To: Mr. Wasif Anwar, Project Manager
Naveena Developers. (Mint Properties).

Project: Naveena Office Building at 35C3 Gulberg, Lahore.

Our Ref. No. CL/CED/ 6646 Dated: 15-12-21 Test Specification

Your Ref. No. 4277/4288 Dated: 07-12-21 (----)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 07-12-21 Tested on: 10-12-21 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	Tuff Tile	---	---	---	4.0x4.0x1.7	---	940	16	33	4620	---	Cut Cube
2	Tuff Tile	---	---	---	4.0x4.0x1.5	---	915	16	30	4200	---	Cut Cube
3	Tuff Tile	---	---	---	4.0x4.0x1.7	---	950	16	26	3640	---	Cut Cube
4	Tuff Tile	---	---	---	4.0x4.0x1.7	---	950	16	45	6300	---	Cut Cube
5	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

2381
Dr. M. Yousaf

To: (Mr. Shukat Ali Khan), Inspector of Works / RSP (LON-SDR)
Pakistan Railway Headquarter Office Lahore.

Project: Construction of New T.D Office, Computer Base Interlocking and Central Traffic Control Building at Lahore Railway Station.

Our Ref. No. CL/CED/ 6647 Dated: 15-12-21 Test Specification

Your Ref. No. 845-W/06/M.D/STN/T.D/Agreement Dated: 02-12-21 (----)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 06-12-21 Tested on: 10-12-21 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Terrazzo Tile	---	---	---	1.5x1.5x1.5	---	120	3	1.5	1102	---	Cut Cube
2	Terrazzo Tile	---	---	---	1.5x1.5x1.5	---	120	3	1.5	1102	---	Cut Cube
3	Terrazzo Tile	---	---	---	1.5x1.5x1.5	---	125	3	1.2	882	---	Cut Cube
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

2399
Dr. Aqsa

To: (Mr. Maqsood Ahmed), Construction Manager
BSM Developers (Pvt) Ltd. Lahore.

Project: BSM Developers (Pvt) Ltd. Phase-8, DHA, Lahore.

Our Ref. No. CL/CED/ 6648 Dated: 15-12-21

Your Ref. No. CM/BSM/Ph-8/15 Dated: 07-12-21

Test Specification (BS 3921**)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 07-12-21 Tested on: 14-12-21 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	R2	---	---	---	8.8 x 4.3 x 3	---	3275	37.84	47	2782	---	---
2	R2	---	---	---	8.7 x 4.3 x 3	---	3280	37.41	47	2814	---	---
3	R2	---	---	---	8.7 x 4.3 x 2.9	---	3295	37.41	47	2814	---	---
4	R2	---	---	---	8.8 x 4.4 x 3.1	---	3455	38.72	53	3066	---	---
5	R2	---	---	---	9 x 4.4 x 3	---	3490	39.6	52	2941	---	---
6	S	---	---	---	8.7 x 4.2 x 3	---	3355	36.54	46	2820	---	---
7	S	---	---	---	8.8 x 4.2 x 3	---	3325	36.96	48	2909	---	---
8	S	---	---	---	8.9 x 4.3 x 3	---	3340	38.27	49	2868	---	---
9	S	---	---	---	8.8 x 4.3 x 3.1	---	3260	37.84	50	2960	---	---
10	S	---	---	---	8.8 x 4.2 x 3	---	3305	36.96	48	2909	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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ORIGINAL
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2405
Dr. M. Yousaf

To: (Mr. Asif Nadeem Khawar), Resident Engineer
Metroplan-Asian JV, Site Office, Talagang Road, Mianwali.

Project: Resident Construction of Supervision for Establishment of 200 Bedded Mother & Child Hospital and Nursing College, District Mianwali.

Our Ref. No. CL/CED/ 6649 Dated: 15-12-21 Test Specification

Your Ref. No. M.A JV-Nexus-MMCH-RE-1127 Dated: 25-11-21 (----)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 08-12-21 Tested on: 10-12-21 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	Solid Block (1:2:4)	---	---	---	11.8x5.9x8.0	---	20	69.62	144	4633	---	---
2	Solid Block (1:2:4)	---	---	---	11.9x5.8x7.9	---	21	69.02	118	3830	---	---
3	Solid Block (1:2:4)	---	---	---	11.8x5.9x8.0	---	19.8	69.62	78	2510	---	---
4	Solid Block (1:2:4)	---	---	---	11.9x5.9x8.0	---	20	70.21	86	2744	---	---
5	Solid Block (1:2:4)	---	---	---	11.9x5.9x8.0	---	21	70.21	118	3765	---	---
6	Solid Block (1:2:4)	---	---	---	11.9x5.8x8.0	---	20	69.02	107	3473	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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ORIGINAL
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2360
Dr. Aqsa

To: DY. DIR. ADS-I
LDA, Lahore.

Project: Repair & Maintenance of Sports Complex of Huma Block, Kashmir Block Allama Iqbal Town, Lahore.

Our Ref. No. CL/CED/ 6650 **Dated: 15-12-21** **Test Specification**

Your Ref. No. DD(ADS-I)/LDA/ **Dated: Nil** **(----)**

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 01-12-21 Tested on: 14-12-21 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	BB	---	---	---	8.7 x 4.3 x 2.9	3540	3180	37.41	46	2754	11.32	---
2	BB	---	---	---	8.8 x 4.2 x 3	3565	3210	36.96	40	2424	11.06	---
3	BB	---	---	---	8.8 x 4.2 x 2.8	3530	3155	36.96	33	2000	11.89	---
4	BB	---	---	---	8.7 x 4.3 x 2.9	3630	3265	37.41	35	2096	11.18	---
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
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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

Civil Engineering Department

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

2414
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division No.8, Lahore.

Project: Upgrad. of Schools in PP-159. Upgrad. of Govt Elementary School Custom Academy Lhr to High Level(Constt. of 03.Nos Class Room with Stair Hall & Mumty) & Sr. No.II

Our Ref. No. CL/CED/ 6651 Dated: 15-12-21 Test Specification

Your Ref. No. 2018-19/8th Dated: 11-11-21 (----)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 09-12-21 Tested on: 14-12-21 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	JB	---	---	---	8.9 x 4.3 x 3	---	3300	38.27	53	3102	---	---
2	JB	---	---	---	8.9 x 4.4 x 3	---	3145	39.16	49	2803	---	---
3	JB	---	---	---	8.8 x 4.2 x 3	---	3235	36.96	54	3273	---	---
4	7up	---	---	---	8.9 x 4.4 x 3	---	3275	39.16	51	2917	---	---
5	7up	---	---	---	8.8 x 4.3 x 3	---	3085	37.84	43	2545	---	---
6	7up	---	---	---	9 x 4.4 x 3	---	3110	39.6	53	2998	---	---
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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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

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.

2403
Dr. Umbreen

To: Deputy Director Maintenance
Directorate of Construction (MQI), Model Town, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 6652 **Dated: 15-12-21**

Your Ref. No. DOC/510/21 **Dated: 08-12-21**

Test Specification
(ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 08-12-21 Tested on: 15-12-21 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	9	11	2021	6Diax12	---	13.2	53	33	1395	---	Non Engraved
2	3000 Psi	9	11	2021	6Diax12	---	13.8	59	30	1139	---	Non Engraved
3	3000 Psi	9	11	2021	6Diax12	---	13.4	53	26	1099	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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2417
Dr. Umbreen

To: Mr. Asif Pervaiz Butt, RE
AYQ Developers (Pvt.) Ltd., Ferozepur Road, Lahore

Project: Union Complex

Our Ref. No. CL/CED/ 6653 Dated: 15-12-21

Your Ref. No. Nil Dated: 10-12-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 10-12-21 Tested on: 15-12-21 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	Slab 4000 Psi	27	11	2021	6Diax12	---	14	28.28	61	4832	---	Non Engraved
2	Slab 4000 Psi	27	11	2021	6Diax12	---	13	28.28	51	4040	---	Non Engraved
3	Slab 4000 Psi	27	11	2021	6Diax12	---	14	28.28	39	3089	---	Non 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 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**

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.

2417
Dr. Umbreen

To: Mr. Asif Pervaiz Butt, RE
AYQ Developers (Pvt.) Ltd., Ferozepur Road, Lahore

Project: Union Complex

Our Ref. No. CL/CED/ 6654 Dated: 15-12-21

Your Ref. No. Nil Dated: 10-12-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 10-12-21 Tested on: 15-12-21 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	Raft 6000 Psi	9	11	2021	6Diax12	---	13	28.28	65	5149	---	Non Engraved
2	Raft 6000 Psi	9	11	2021	6Diax12	---	13.2	28.28	83	6574	---	Non Engraved
3	Raft 6000 Psi	9	11	2021	6Diax12	---	14	28.28	67	5307	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

2418
Dr. Umbreen

To: Muhammad Sadiq Associates
14-F Asif Plaza Main Bouleward DHA Lahore Cantt

Project: Nil

Our Ref. No. CL/CED/ 6655 Dated: 15-12-21

Your Ref. No. Nil Dated: 10-12-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 10-12-21 Tested on: 15-12-21 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	---	18	11	2021	6Diax12	---	13	28.28	47	3723	---	Engraved
2	---	18	11	2021	6Diax12	---	13.4	28.28	45	3564	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

2435
Dr. Umbreen

To: Mr. Tahawar Owais, Manager Civil
Casa GrandeVentures (Pvt.) Ltd. Lahore

Project: Construction of Apartment Building at 94-G Gulberg-III, Lahore

Our Ref. No. CL/CED/ 6656 **Dated: 15-12-21**

Your Ref. No. Nil **Dated: 14-12-21**

Test Specification
(ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 14-12-21 Tested on: 15-12-21 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	---	4	11	2021	6Diax12	---	13.2	28.28	69	5465	---	Non Engraved
2	---	4	11	2021	6Diax12	---	13.2	28.28	59	4673	---	Non Engraved
3	---	4	11	2021	6Diax12	---	14	28.28	69	5465	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

2424
Dr. Umbreen

To: Mr. Muneeb Shehzad Butt , PM
Republic Engineering Corporation (Pvt.) Ltd. (BPS Pvt. Ltd.)

Project: Construction of Alpha Home Apartment (Block C) at Beaconhouse Estate Jati Umra Road Off Raiwind Road Lahore (Columns and Shear Wall FF at Level (+17 to +29) Grid (41-42/A-D)

Our Ref. No. CL/CED/ 6657 Dated: 15-12-21

Your Ref. No. AHA: 23 Dated: 07-12-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 13-12-21 Tested on: 15-12-21 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	---	8	11	2021	6Diax12	---	14	28.28	59	4673	---	Non Engraved
2	---	8	11	2021	6Diax12	---	14	28.28	49	3881	---	Non Engraved
3	---	8	11	2021	6Diax12	---	14	28.28	51	4040	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

2420
Dr. Umbreen

To: Mr. Usman Ali, Project Manager
Maypole Lime Light

Project: Extension of Back Building / Printing Mill (Retaining Walls)

Our Ref. No. CL/CED/ 6658 **Dated: 15-12-21**

Your Ref. No. MLL-17 **Dated: 13-12-21**

Test Specification
(ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 13-12-21 **Tested on:** 15-12-21 **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	3750 Psi	4	12	2021	6Diax12	---	13	28.28	43	3406	---	Non Engraved
2	3750 Psi	4	12	2021	6Diax12	---	13	28.28	41	3248	---	Non Engraved
3	3750 Psi	4	12	2021	6Diax12	---	13	28.28	39	3089	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

2434
Dr. Umbreen

To: Mr. M. Danial, Construction Manager
Rasheed & Brothers Government Contractors, Lahore

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

Our Ref. No. CL/CED/ 6659 Dated: 15-12-21

Your Ref. No. Nil Dated: 14-12-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 14-12-21 Tested on: 15-12-21 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	Ground Floor Slab	10	11	2021	6Diax12	---	13	28.28	37	2931	---	Non Engraved
2	Ground Floor Slab	10	11	2021	6Diax12	---	14.2	28.28	43	3406	---	Non Engraved
3	Ground Floor Slab	10	11	2021	6Diax12	---	14	28.28	41	3248	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

2421
Dr. Umbreen

To: Mr. M. Waqas Younis, Maintenance Engineer,PU, Lahore
University of the Punjab, Office of Chief Engr. Quaid e Azam Campus, Lahore

Project: Construction of School of Economics at Unversity of the Punjab at Q.A.C.

Our Ref. No. CL/CED/ 6660 Dated: 15-12-21 Test Specification

Your Ref. No. D-735-D.E. Dated: 08-12-21 (BS 1881-116)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 13-12-21 Tested on: 15-12-21 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	Foundation (1:2:4)	30	10	2021	6x6x6	---	8.6	36	67	4169	---	Engraved
2	Foundation (1:2:4)	30	10	2021	6x6x6	---	8.8	36	67	4169	---	Engraved
3	Foundation (1:2:4)	30	10	2021	6x6x6	---	8.8	36	67	4169	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

2421
Dr. Umbreen

To: Mr. M. Waqas Younis, Maintenance Engineer,PU, Lahore
University of the Punjab, Office of Chief Engr. Quaid e Azam Campus, Lahore

Project: Construction of School of Economics at Unversity of the Punjab at Q.A.C.

Our Ref. No. CL/CED/ 6661 Dated: 15-12-21 Test Specification

Your Ref. No. D-736-D.E. Dated: 08-12-21 (BS 1881-116)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 13-12-21 Tested on: 15-12-21 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	Foundation (1:2:4)	3	11	2021	6x6x6	---	8.8	36	81	5040	---	Engraved
2	Foundation (1:2:4)	3	11	2021	6x6x6	---	8.6	36	96	5973	---	Engraved
3	Foundation (1:2:4)	3	11	2021	6x6x6	---	8.6	36	86	5351	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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 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**

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.

2421
Dr. Umbreen

To: Mr. M. Waqas Younis, Maintenance Engineer,PU, Lahore
University of the Punjab, Office of Chief Engr. Quaid e Azam Campus, Lahore

Project: Construction of School of Economics at Unversity of the Punjab at Q.A.C.

Our Ref. No. CL/CED/ 6662 Dated: 15-12-21 Test Specification

Your Ref. No. D-737-D.E. Dated: 08-12-21 (BS 1881-116)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 13-12-21 Tested on: 15-12-21 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	Foundation (1:2:4)	6	11	2021	6x6x6	---	8.6	36	104	6471	---	Engraved
2	Foundation (1:2:4)	6	11	2021	6x6x6	---	8.4	36	100	6222	---	Engraved
3	Foundation (1:2:4)	6	11	2021	6x6x6	---	8.2	36	92	5724	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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 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**

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.

2421
Dr. Umbreen

To: Mr. M. Waqas Younis, Maintenance Engineer,PU, Lahore
University of the Punjab, Office of Chief Engr. Quaid e Azam Campus, Lahore

Project: Construction of School of Economics at Unversity of the Punjab at Q.A.C.

Our Ref. No. CL/CED/ 6663 Dated: 15-12-21 Test Specification

Your Ref. No. D-738-D.E. Dated: 08-12-21 (BS 1881-116)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 13-12-21 Tested on: 15-12-21 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	Foundation (1:2:4)	8	11	2021	6x6x6	---	8.4	36	77	4791	---	Engraved
2	Foundation (1:2:4)	8	11	2021	6x6x6	---	8.4	36	84	5227	---	Engraved
3	Foundation (1:2:4)	8	11	2021	6x6x6	---	8.2	36	79	4916	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

2421
Dr. Umbreen

To: Mr. M. Waqas Younis, Maintenance Engineer,PU, Lahore
University of the Punjab, Office of Chief Engr. Quaid e Azam Campus, Lahore

Project: Construction of School of Economics at Unversity of the Punjab at Q.A.C.

Our Ref. No. CL/CED/ 6664 Dated: 15-12-21

Your Ref. No. D-739-D.E. Dated: 08-12-21

Test Specification (BS 1881-116)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 13-12-21 Tested on: 15-12-21 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	Column (1:1.5:3)	9	11	2021	6x6x6	---	8.4	36	92	5724	---	Engraved
2	Column (1:1.5:3)	9	11	2021	6x6x6	---	8.4	36	94	5849	---	Engraved
3	Column (1:1.5:3)	9	11	2021	6x6x6	---	8	36	94	5849	---	Engraved
4	Column (1:1.5:3)	16	11	2021	6x6x6	---	8.4	36	81	5040	---	Engraved
5	Column (1:1.5:3)	16	11	2021	6x6x6	---	8.4	36	92	5724	---	Engraved
6	Column (1:1.5:3)	16	11	2021	6x6x6	---	8.6	36	86	5351	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

2416
Dr. Umbreen

To: Brig. Saeed Ahmed Malik, SI (M), (R), RE
H&TE Div., NESPAK (Pvt.) Ltd. Lahore

Project: Rehabilitation of PCC From House Doctor Aziz-Ur-Rehman to M. Usman Haveli Bagh Wali Village Hier Bedian Road Nishtar Zone, Lahore

Our Ref. No. CL/CED/ 6665 Dated: 15-12-21

Your Ref. No. 4084/103/BSAM/104/583 Dated: 06-12-21

Test Specification (BS 1881-116)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 10-12-21 Tested on: 15-12-21 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	---	4	11	2021	6x6x6	---	8.6	36	86	5351	---	Non Engraved
2	---	4	11	2021	6x6x6	---	8.2	36	83	5164	---	Non Engraved
3	---	4	11	2021	6x6x6	---	8.4	36	81	5040	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

2416
Dr. Umbreen

To: Brig. Saeed Ahmed Malik, SI (M), (R), RE
H&TE Div., NESPAK (Pvt.) Ltd. Lahore

Project: Rehabilitation of Street Umair Haveli Bagh Wali Near Rice Mills, Village Hair Bedian Road Nishtar Zone, Lahore

Our Ref. No. CL/CED/ 6666 Dated: 15-12-21

Your Ref. No. 4084/103/BSAM/104/584 Dated: 06-12-21

Test Specification (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10-12-21 Tested on: 15-12-21 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	---	4	11	2021	6x6x6	---	8.6	36	83	5164	---	Non Engraved
2	---	4	11	2021	6x6x6	---	8.8	36	83	5164	---	Non Engraved
3	---	4	11	2021	6x6x6	---	8.2	36	88	5476	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

2430
Dr. Umbreen

To: Mr. Mohsin Ali, Senior Site Engr.
AF Builders, House No. 138, E-2, Johar Town, Lahore

Project: Civil Work at SPL Zaman PS, Lahore

Our Ref. No. CL/CED/ 6667 Dated: 15-12-21 Test Specification

Your Ref. No. Nil Dated: 13-12-21 (BS 1881-116)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 14-12-21 Tested on: 15-12-21 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	---	17	10	2021	6x6x6	---	8	36	63	3920	---	Engraved
2	---	17	10	2021	6x6x6	---	8.2	36	51	3173	---	Engraved
3	---	17	10	2021	6x6x6	---	8.2	36	51	3173	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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 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**