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.

3596
Dr. Umbreen

To: Capt (R) Abdul Majeed, General Manager, Admin/HR
Al-Hadi Textile (Pvt) Ltd. Lahore Cantt.

Project: Nil

Our Ref. No. CL/CED/ 9401 **Dated:** 25/07/2022 **Test Specification**

Your Ref. No. Nil **Dated:** 22/07/2022 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 22/07/2022 **Tested on:** 25/07/2022 **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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3815	30.42	98	7216	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3795	30.42	110	8100	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3695	30.42	104	7658	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3595	30.42	88	6480	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3565	30.42	83	6112	---	---
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3780	30.42	118	8689	---	---
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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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3587
Dr. Umbreen

To: Mr. Muhammad Sohail Anjum
Project Manager, MS Tower-G4-Johar Town, Lahore

Projec: Construction of MS Tower at Plot 450,451 Johar Town Lahore.

Our Ref. No. CL/CED/ 9402 Dated: 25/7/2022

Your Ref. No. MST/UET/2022/C-035 Dated: 21/7/2022

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 21/7/2022 Tested on: 25/7/2022 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	# 05 (3000 Psi)	23	6	2022	6Diax12	---	13	28.28	55	4356	---	Non Engraved
2	# 06 (3000 Psi)	23	6	2022	6Diax12	---	13.4	28.28	55	4356	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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 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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3587
Dr. Umbreen

To: Mr. Muhammad Sohail Anjum
Project Manager, MS Tower-G4-Johar Town, Lahore

Projec: Construction of MS Tower at Plot 450,451 Johar Town Lahore.

Our Ref. No. CL/CED/ 9403 Dated: 25/7/2022

Your Ref. No. MST/UET/2022/C-036 Dated: 21/7/2022

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 21/7/2022 Tested on: 25/7/2022 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	#10 (3000 Psi)	24	6	2022	6Diax12	---	13	28.28	33	2614	---	Non Engraved
2	#12 (3000 Psi)	24	6	2022	6Diax12	---	13.4	28.28	35	2772	---	Non Engraved
3	#16 (3000 Psi)	24	6	2022	6Diax12	---	13	28.28	41	3248	---	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 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.

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ORIGINAL
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3568
Dr. Umbreen

To: Engr. Imran Saddique
Planning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd.

Project: Construction of Diamond Denim by Saphhire, Ferozewattwan

Our Ref. No. CL/CED/ 9404 Dated: 25/7/2022

Your Ref. No. IBS/SD/CT-34 Dated: 18/7/2022

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 18/7/2022 Tested on: 25/7/2022 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	Apparel RS at Grid (3000 Psi)	28	6	2022	6Diax12	---	13	28.28	45	3564	---	Non Engraved
2	Apparel RS at Grid (3000 Psi)	28	6	2022	6Diax12	---	13	28.28	43	3406	---	Non Engraved
3	Apparel RS at Grid (3000 Psi)	28	6	2022	6Diax12	---	13	28.28	37	2931	---	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 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.

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ORIGINAL
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3570
Dr. Umbreen

To: Engr. Shafiq Ahmad
Resident Engineer, New Vision Engineering Consultant, Lahore

Project: Construction of ARC Furnace Foundation, Transformer Room, Control Panel Rooms and Cooling System in Steel Shops Mughalpura.

Our Ref. No. CL/CED/ 9405 Dated: 25/7/2022 **Test Specification**

Your Ref. No. NVEC/RE/R-way/22/51 Dated: 13/7/2022 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 19/7/2022 **Tested on:** 25/7/2022 **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	1:1:2 (4000 Psi)	6	7	2022	6Diax12	---	13.2	28.28	45	3564	---	Engraved
2	1:1:2 (4000 Psi)	6	7	2022	6Diax12	---	14	28.28	35	2772	---	Engraved
3	1:1:2 (4000 Psi)	6	7	2022	6Diax12	---	14	28.28	59	4673	---	Engraved
4	1:1:2 (4000 Psi)	6	7	2022	6Diax12	---	14	28.28	51	4040	---	Engraved
5	1:1:2 (4000 Psi)	6	7	2022	6Diax12	---	13.8	28.28	49	3881	---	Engraved
6	1:1:2 (4000 Psi)	6	7	2022	6Diax12	---	13.8	28.28	59	4673	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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ORIGINAL
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3552
Dr. Umbreen

To: **Mr. Usman Munir**
M.S Builder & Wood Contractors

Project: Construction of M.S Builder & Wood Contractors, Gawalmandi

Our Ref. No. CL/CED/ 9406 **Dated: 25/7/2022** **Test Specification**

Your Ref. No. Nil **Dated: 06/07/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 6/7/2022 Tested on: 25/7/2022 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	Basement	20	3	2022	6Diax12	---	13	28.28	25	1980	---	Non Engraved
2	Basement	20	3	2022	6Diax12	---	13	28.28	39	3089	---	Non Engraved
3	C. Wall	29	3	2022	6Diax12	---	12.2	28.28	25	1980	---	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 comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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3552
Dr. Umbreen

To: **Mr. Usman Munir**
M.S Builder & Wood Contractors

Project: Construction of M.S Builder & Wood Contractors, Gawalmandi

Our Ref. No. CL/CED/ 9407 **Dated: 25/7/2022**

Your Ref. No. Nil **Dated: 06/07/2022**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 6/7/2022 Tested on: 25/7/2022 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	Ground Floor	16	4	2022	6Diax12	---	13	28.28	53	4198	---	Engraved
2	Ground Floor	16	4	2022	6Diax12	---	13	28.28	25	1980	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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 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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3552
Dr. Umbreen

To: **Mr. Usman Munir**
M.S Builder & Wood Contractors

Project: Construction of M.S Builder & Wood Contractors, Gawalmandi

Our Ref. No. CL/CED/ 9408 **Dated: 25/7/2022**

Your Ref. No. Nil **Dated: 06/07/2022**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 6/7/2022 Tested on: 25/7/2022 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	1st Floor	11	5	2022	6Diax12	---	12.6	28.28	31	2455	---	Engraved
2	1st Floor	11	5	2022	6Diax12	---	12.4	28.28	45	3564	---	Engraved
3	2nd Floor Column	28	5	2022	6Diax12	---	12.6	28.28	45	3564	---	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**

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.

3584
Dr. Umbreen

To: Mr. Muhammad Imran Khan
Material Engineer ECSP PVT LTD., PIPAL House A-Block

Project: Reconstruction of PIPAL House A-Block Lahore. (M/s Uni Build Associates Pvt. Ltd.)

Our Ref. No. CL/CED/ 9409 **Dated:** 25/7/2022

Your Ref. No. 343/ECSP/PH/ME/24 **Dated:** 18/7/2022

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 20/7/2022 **Tested on:** 25/7/2022 **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	7th Floor Roof Slab	20	6	2022	6Diax12	---	13	28.28	75	5941	---	Non Engraved
2	7th Floor Roof Slab	20	6	2022	6Diax12	---	13	28.28	73	5782	---	Non Engraved
3	7th Floor Roof Slab	20	6	2022	6Diax12	---	13.2	28.28	65	5149	---	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 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.

3561
Dr. Umbreen

To: **Mr. Aqeel Aslam**
Manager Projects, Fatima Memorial Hospital Shadman, Lahore

Project: Construction of New Building at Fatima Memorial Hospital Lahore

Our Ref. No. CL/CED/ 9410 **Dated: 25/7/2022**

Your Ref. No. FMH/RAF/con/24 **Dated: 14/7/2022**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 14/7/2022 **Tested on:** 25/7/2022 **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	4th Floor Lift (5000 Psi)	26	6	2022	6Diax12	---	14	28.28	57	4515	---	Non Engraved
2	4th Floor Lift (5000 Psi)	26	6	2022	6Diax12	---	14.2	28.28	43	3406	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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 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
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University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

3561
Dr. Umbreen

To: **Mr. Aqeel Aslam**
Manager Projects, Fatima Memorial Hospital Shadman, Lahore

Project: Construction of New Building at Fatima Memorial Hospital Lahore

Our Ref. No. CL/CED/ 9411 **Dated:** **25/7/2022**

Your Ref. No. **FMH/RAF/con/23** **Dated:** **14/7/2022**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 14/7/2022 **Tested on:** 25/7/2022 **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	4th Shear Wall (5000 Psi)	8	6	2022	6Diax12	---	14	28.28	57	4515	---	Non Engraved
2	4th Shear Wall (5000 Psi)	8	6	2022	6Diax12	---	14	28.28	47	3723	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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 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.

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University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

3561
Dr. Umbreen

To: **Mr. Aqeel Aslam**
Manager Projects, Fatima Memorial Hospital Shadman, Lahore

Project: Construction of New Building at Fatima Memorial Hospital Lahore

Our Ref. No. CL/CED/ 9412 **Dated:** **25/7/2022**

Your Ref. No. **FMH/RAF/con/25** **Dated:** **14/7/2022**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 14/7/2022 **Tested on:** 25/7/2022 **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	4th Floor Lift (3000 Psi)	6	7	2022	6Diax12	---	14	28.28	49	3881	---	Non Engraved
2	4th Floor Lift (3000 Psi)	6	7	2022	6Diax12	---	14	28.28	43	3406	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

3567
Dr. Umbreen

To: **Mr. Amein Uddin, PM Project**
Majeed Associates (Pvt) Ltd. Karachi.

Project: Construction of ABL BANK Branch Bahria Town Orchard Lahore. (Tetra Ready Mix).

Our Ref. No. CL/CED/ 9413 **Dated: 25/7/2022**

Your Ref. No. Nil **Dated: Nil**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 18/7/2022 Tested on: 25/7/2022 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	2nd Floor Roof Slab (3000 Psi)	1	7	2022	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
2	2nd Floor Roof Slab (3000 Psi)	1	7	2022	6Diax12	---	13	28.28	57	4515	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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 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
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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.

3578
Dr. Umbreen

To: Engr. Shafiq Ahmad
Resident Engineer, New Vision Engineering Consultant, Lahore

Project: Construction of ARC Furnace Foundation, Transformer Room, Control Panel Rooms and Cooling System in Steel Shops Mughalpura.

Our Ref. No. CL/CED/ 9414 Dated: 25/7/2022 **Test Specification**

Your Ref. No. NVEC/RE/R-way/22/45 Dated: 09/06/2022 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 19/7/2022 **Tested on:** 25/7/2022 **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	1:1:2 (4000 Psi)	14	5	2022	6Diax12	---	13	28.28	39	3089	---	Non Engraved
2	1:1:2 (4000 Psi)	14	5	2022	6Diax12	---	13	28.28	37	2931	---	Non Engraved
3	1:1:2 (4000 Psi)	14	5	2022	6Diax12	---	12.8	28.28	35	2772	---	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
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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**

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

3578
Dr. Umbreen

To: Engr. Shafiq Ahmad
Resident Engineer, New Vision Engineering Consultant, Lahore

Project: Construction of ARC Furnace Foundation, Transformer Room, Control Panel Rooms and Cooling System in Steel Shops Mughalpura.

Our Ref. No. CL/CED/ 9415 Dated: 25/7/2022 **Test Specification**

Your Ref. No. NVEC/RE/R-way/22/50-A Dated: 09/07/2022 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 19/7/2022 **Tested on:** 25/7/2022 **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	1:1:2 (4000 Psi)	14	6	2022	6 Diax12	---	13	28.28	35	2772	---	Non Engraved
2	1:1:2 (4000 Psi)	14	6	2022	6 Diax12	---	12.4	28.28	33	2614	---	Non Engraved
3	1:1:2 (4000 Psi)	14	6	2022	6 Diax12	---	12.6	28.28	25	1980	---	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 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**