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.

7977
Dr. M. Yousaf

To: Mr. Saeed Ahmad Khan
Sub Divisional Officer, Gulshan-e-Ravi Sub Division, WASA, LDA, Lahore.

Project:TENDER NO. XEN (O&M-I) GBT/2022-2023/55/4460-65. Dated:-21-12-2022 LAYING OF SEWER LINE FROM MAIN BOULEVARD GULSHAN-E-RAVI TO NOONARIAN CHOWK & LINKS STREETS IN UC-78 LHR.

Our Ref. No. CL/CED/ 6158-2 of 2 Dated: 16-10-24

Your Ref. No. GR/SD/971 Dated: 04-05-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 09-10-24 **Tested on:** 16-10-24 **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	---	21	5	2024	6 x 6 x 6	---	8.2	36	70	4356	---	Non Engraved
2	---	21	5	2024	6 x 6 x 6	---	8.2	36	58	3609	---	Non Engraved
3	---	21	5	2024	6 x 6 x 6	---	9	36	91	5662	---	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)
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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7969
Dr. Aqsa

To: Mr. Mirza Muhammad Abdullah
Senior Resident Engineer, HA Consulting, Johar Town, Lahore

Project: Construction of DELTA# 10 NASTP Phase-03 in PAF BASE, Lahore.

Our Ref. No. CL/CED/ 6166 Dated: 16-10-24

Your Ref. No. 24/HAC/NASTP/1291 Dated: 03-10-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 09-10-24 Tested on: 15/10/2024 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	Delta #10	6	9	2024	6Diax12	---	13.2	28.28	36	2851	---	Non Engraved
2	Delta #10	6	9	2024	6Diax12	---	13	28.28	20	1584	---	Non Engraved
3	Delta #10	6	9	2024	6Diax12	---	13.4	28.28	44	3485	---	Non 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**

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ORIGINAL
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7969
Dr. Aqsa

To: Mr. Mirza Muhammad Abdullah
Senior Resident Engineer, HA Consulting, Johar Town, Lahore

Project: Construction of DELTA# 10 NASTP Phase-03 in PAF BASE, Lahore

Our Ref. No. CL/CED/ 6167 Dated: 16-10-24

Your Ref. No. 24/HAC/NASTP/1293 Dated: 07-10-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 09-10-24 Tested on: 15/10/2024 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	Delta #10	9	9	2024	6Diax12	---	14	28.28	51	4040	---	Non Engraved
2	Delta #10	9	9	2024	6Diax12	---	13.2	28.28	51	4040	---	Non Engraved
3	Delta #10	9	9	2024	6Diax12	---	13.6	28.28	60	4752	---	Non 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 compressive strength

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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7970
Dr. Aqsa

To: Mr. Maqsood Ahmad
Quantity Surveyor, Professional Construction Services (Pvt) Ltd.

Project: Allied Bank Limited Sheikh Cotton Colony Branch, Vehari (1051) & Regional Office, Vehari.

Our Ref. No. CL/CED/ 6168 **Dated:** 16-10-24

Your Ref. No. PCS/24/Eng-75 **Dated:** 08-10-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 09-10-24 **Tested on:** 15/10/2024 **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 Slab	26	9	2024	6Diax12	---	12.6	28.28	66	5228	---	Non Engraved
2	1st Floor Slab	26	9	2024	6Diax12	---	13	28.28	58	4594	---	Non Engraved
3	1st Floor Slab	26	9	2024	6Diax12	---	12.6	28.28	57	4515	---	Non 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 compressive strength

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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7989
Dr. Aqsa

To: Mr. Ali Zahid Latif
Resident Engineer, NESPAK-TURKPAK JV

Project: Reconstruction of Old P&D Building, Lahore

Our Ref. No. CL/CED/ 6169 **Dated:** 16-10-24

Your Ref. No. 4674/P&D/13/09/AZL/51 **Dated:** 18/9/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11-10-24 **Tested on:** 15-10-24 **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" (4000 Psi)	24	8	2024	6Diax12	---	14.2	28.28	58	4594	---	Non Engraved
2	'C" (4000 Psi)	24	8	2024	6Diax12	---	14.6	28.28	83	6574	---	Non Engraved
3	'C" (4000 Psi)	24	8	2024	6Diax12	---	14.4	28.28	52	4119	---	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)
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Dr. Aqsa

To: Mr. Ali Zahid Latif
Resident Engineer, NESPAK-TURKPAK JV

Project: Reconstruction of Old P&D Building, Lahore

Our Ref. No. CL/CED/ 6170 **Dated:** 16-10-24

Your Ref. No. 4674/P&D/13/09/AZL/52 **Dated:** 19/9/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11-10-24 **Tested on:** 15/10/2024 **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	'B" (5000 Psi)	27	8	2024	6Diax12	---	14	28.28	79	6257	---	Non Engraved
2	'B" (5000 Psi)	27	8	2024	6Diax12	---	14.8	28.28	90	7129	---	Non Engraved
3	'B" (5000 Psi)	27	8	2024	6Diax12	---	14.4	28.28	84	6653	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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8007
Dr. M. Yousaf

To: Mr. Ali Raza
Project Engineer, NETRACON Technologies (Pvt) Ltd.

Project: 132LV GIS Grid Station DHA Prism Phase-IX Sector F, DHA Lahore

Our Ref. No. CL/CED/ 6171 **Dated: 16/10/2024**

Your Ref. No. NTT-HO/DHA-P/003 **Dated: 09-10-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/10/2024 **Tested on:** 16/10/2024 **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	GIS HALL (4000 Psi)	10	9	2024	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
2	GIS HALL (4000 Psi)	10	9	2024	6Diax12	---	13	28.28	55	4356	---	Non Engraved
3	GIS HALL (4000 Psi)	10	9	2024	6Diax12	---	14	28.28	60	4752	---	Non 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**

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8007
Dr. M. Yousaf

To: Mr. Ali Raza
Project Engineer, NETRACON Technologies (Pvt) Ltd

Project: 132KV GIS Grid Station DHA Prism Phase-IX Sector F, DHA Lahore

Our Ref. No. CL/CED/ 6172 **Dated:** 16/10/2024

Your Ref. No. NTT-HO/DHA-P/002 **Dated:** 09-10-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/10/2024 **Tested on:** 16/10/2024 **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)	25	9	2024	6Diax12	---	13.2	28.28	40	3168	---	Non Engraved
2	(3000 Psi)	25	9	2024	6Diax12	---	13.2	28.28	65	5149	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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.

8008
Dr. M. Yousaf

To: Procurement Manager
Q-Links Property Management Pvt. Ltd

Project: Gold Souq, Bahria Town Lahore (Raft Foundation)

Our Ref. No. CL/CED/ 6173 **Dated:** 16/10/2024 **Test Specification**

Your Ref. No. QLC-Gold-2024-LT-FG **Dated:** 14/10/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15/10/2024 **Tested on:** 16/10/2024 **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	14	9	2024	6Diax12	---	13.6	28.28	65	5149	---	Non Engraved
2	4000 Psi	14	9	2024	6Diax12	---	13.6	28.28	60	4752	---	Non Engraved
3	4000 Psi	14	9	2024	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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.

7985
Dr. M. Yousaf

To: Procurement Manager
Q-Links Property Management Pvt. Ltd

Project: Gold Souq, Bahria Town Lahore (Column Grid B/4-5 & Retaining Wall)

Our Ref. No. CL/CED/ 6174 **Dated:** 16/10/2024

Your Ref. No. QLC-Gold-2024-LT AE **Dated:** 09-10-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11/10/2024 **Tested on:** 16/10/2024 **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	5000 Psi	30	9	2024	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
2	4000 Psi	30	9	2024	6Diax12	---	14	28.28	54	4277	---	Non Engraved
3	4000 Psi	30	9	2024	6Diax12	---	14.6	28.28	77	6099	---	Non 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 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.

7984
Dr. M. Yousaf

To: Mr. AQEEL ASLAM
Manager Projects, Fatima Memorial Hospital

Project: Construction of New Building at Fatima Memorial Hospital Lahore.

Our Ref. No. CL/CED/ 6175 **Dated:** 16/10/2024

Your Ref. No. FMH/RAF/con/28 **Dated:** 08-10-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 10/10/2024 **Tested on:** 16/10/2024 **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	Bridge Slab Conc. (3000 Psi)	2	10	2024	6Diax12	---	14	28.28	39	3089	---	Non Engraved
2	Bridge Slab Conc. (3000 Psi)	2	10	2024	6Diax12	---	13.6	28.28	44	3485	---	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.

7964
Dr. M. Yousaf

To: Mr. Salman Latif
CEO, SAC Engineering Services

Project: UBL Cavalry Ground Lahore

Our Ref. No. CL/CED/ 6176 **Dated:** 16/10/2024

Your Ref. No. Nil **Dated:** 08-10-24

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/10/2024 **Tested on:** 16/10/2024 **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	Second Floor Slab (3000 Psi)	3	9	2024	6Diax12	---	13.6	28.28	68	5386	---	Non Engraved
2	Second Floor Slab (3000 Psi)	3	9	2024	6Diax12	---	13.4	28.28	42	3327	---	Non Engraved
3	Second Floor Slab (3000 Psi)	3	9	2024	6Diax12	---	13	28.28	61	4832	---	Non 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 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.

7973
Dr. M. Yousaf

To: Sub Divisional Officer
Maintenance Sub Division No. II, GOR-III, Lahore

Project: Construction of ONE MULTISTOREY BUILDING for RESIDENCES GRADE 11-14 (36 Nos) for STAFF COLONY at CHAUBURGI, GARDEN STATE, MULTAN ROAD, LAHORE

Our Ref. No. CL/CED/ 6177 Dated: 16/10/2024 Test Specification

Your Ref. No. 359 Sd/GOR-III, Lhr Dated: 09-10-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/10/2024 Tested on: 16/10/2024 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	(1:1.5:3)	16	8	2024	6Diax12	---	13.8	28.28	77	6099	---	Non Engraved
2	(1:1.5:3)	16	8	2024	6Diax12	---	13	28.28	76	6020	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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.

7973
Dr. M. Yousaf

To: Sub Divisional Officer
Maintenance Sub Division No. II, GOR-III, Lahore

Project: Construction of ONE MULTISTOREY BUILDING for RESIDENCES GRADE 11-14 (36 Nos) for STAFF COLONY at CHAUBURGI, GARDEN STATE, MULTAN ROAD, LAHORE

Our Ref. No. CL/CED/ 6178 Dated: 16/10/2024 **Test Specification**

Your Ref. No. 352 Sd/GOR-III, Lhr Dated: 09-10-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/10/2024 **Tested on:** 16/10/2024 **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	(1:1.5:3)	29	7	2024	6Diax12	---	13.2	28.28	77	6099	---	Non Engraved
2	(1:1.5:3)	29	7	2024	6Diax12	---	13	28.28	63	4990	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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.

7973
Dr. M. Yousaf

To: Sub Divisional Officer
Maintenance Sub Division No. II, GOR-III, Lahore

Project: Construction of ONE MULTISTOREY BUILDING for RESIDENCES GRADE 11-14 (36 Nos) for STAFF COLONY at CHAUBURGI, GARDEN STATE, MULTAN ROAD, LAHORE.

Our Ref. No. CL/CED/ 6179 Dated: 16/10/2024 **Test Specification**

Your Ref. No. 345 Sd/GOR-III, Lhr Dated: 09-10-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/10/2024 **Tested on:** 16/10/2024 **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	(1:1.5:3)	15	7	2024	6Diax12	---	14	28.28	73	5782	---	Non Engraved
2	(1:1.5:3)	15	7	2024	6Diax12	---	14.6	28.28	57	4515	---	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 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.

7973
Dr. M. Yousaf

To: Sub Divisional Officer
Maintenance Sub Division No. II, GOR-III, Lahore

Project: Construction of ONE MULTISTOREY BUILDING for RESIDENCES GRADE 11-14 (36 Nos) for STAFF COLONY at CHAUBURGI, GARDEN STATE, MULTAN ROAD, LAHORE

Our Ref. No. CL/CED/ 6180 Dated: 16/10/2024 **Test Specification**

Your Ref. No. 361 Sd/GOR-III, Lhr Dated: 09-10-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/10/2024 **Tested on:** 16/10/2024 **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	(1:1.5:3)	28	8	2024	6Diax12	---	13.8	28.28	80	6337	---	Non Engraved
2	(1:1.5:3)	28	8	2024	6Diax12	---	13.4	28.28	66	5228	---	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.

7973
Dr. M. Yousaf

To: Sub Divisional Officer
Maintenance Sub Division No. II, GOR-III, Lahore

Project: Construction of ONE MULTISTOREY BUILDING for RESIDENCES GRADE 11-14 (36 Nos) for STAFF COLONY at CHAUBURGI, GARDEN STATE, MULTAN ROAD, LAHORE

Our Ref. No. CL/CED/ 6181 Dated: 16/10/2024 **Test Specification**

Your Ref. No. 382 Sd/GOR-III, Lhr Dated: 09-10-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/10/2024 **Tested on:** 16/10/2024 **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	(1:2:4)	24	8	2024	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
2	(1:2:4)	24	8	2024	6Diax12	---	14.4	28.28	54	4277	---	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.

7973
Dr. M. Yousaf

To: Sub Divisional Officer
Maintenance Sub Division No. II, GOR-III, Lahore

Project: Construction of ONE MULTISTOREY BUILDING for RESIDENCES GRADE 11-14 (36 Nos) for STAFF COLONY at CHAUBURGI, GARDEN STATE, MULTAN ROAD, LAHORE

Our Ref. No. CL/CED/ 6182 Dated: 16/10/2024 Test Specification

Your Ref. No. 387 Sd/GOR-III, Lhr Dated: 09-10-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/10/2024 Tested on: 16/10/2024 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	(1:2:4)	8	9	2024	6Diax12	---	14	28.28	56	4436	---	Non Engraved
2	(1:2:4)	8	9	2024	6Diax12	---	13.6	28.28	49	3881	---	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 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.

7993
Dr. Aqsa

To: Mr. Asim Mushtaq
General Manager Factory, MASTER OFFISYS

Project: Nil

Our Ref. No. CL/CED/ 6183 **Dated:** 16-10-24

Your Ref. No. PEMH05-003 **Dated:** 10-10-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 11/10/2024 **Tested on:** 15/10/2024 **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	Concrete Cube	23	9	2024	6x6x6	---	8.4	36	100	6222	---	Non Engraved
2	Concrete Cube	23	9	2024	6x6x6	---	8.6	36	115	7156	---	Non Engraved
3	Concrete Cube	23	9	2024	6x6x6	---	8	36	110	6844	---	Non 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.

8000
Dr. Aqsa

To: Mr. Muhammad Arif
Contract Manager, For Thaheem Construction Company

Project: CUTTING UNIT EXT WITH FIRST, MEZZANINE AND SECOND FLOOR AT SAPPHIRE STITCHING (UNIT-8), LAHORE

Our Ref. No. CL/CED/ 6184 Dated: 16-10-24

Your Ref. No. TCC/UET/715 Dated: 12-10-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 14/10/2024 Tested on: 15/10/2024 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	Second Floor Column (4500 Psi)	1	10	2024	6x6x6	---	8.2	36	73	4542	---	Engraved
2	Second Floor Column (4500 Psi)	1	10	2024	6x6x6	---	8.4	36	73	4542	---	Engraved
3	Second Floor Column (4500 Psi)	1	10	2024	6x6x6	---	9	36	75	4667	---	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 compressive strength

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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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.

8003
Dr. Aqsa

To: Mr. Muhammad Tufail
Construction Team Leader, Lahore Office, ZOR Engineers (Pvt) Limited

Project: NEW HOPE CHRISTIAN MINISTRIES- CONSTRUCTION OF SCHOOL BUILDING- HAMDARD CHOWK LAHORE

Our Ref. No. CL/CED/ 6185 Dated: 16-10-24

Your Ref. No. 230.45.1/MT/4 Dated: 14/10/2024

Test Specification (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 14/10/2024 Tested on: 15/10/2024 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	3rd Floor Slab (1:2:4)	14	9	2024	6x6x6	---	8.4	36	51	3173	---	Engraved
2	3rd Floor Slab (1:2:4)	14	9	2024	6x6x6	---	8.4	36	59	3671	---	Engraved
3	3rd Floor Slab (1:2:4)	14	9	2024	6x6x6	---	8.8	36	49	3049	---	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)
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Supervisor (Lab) **Director/Dy. Director 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.

7874
Dr. M. Yousaf

To: Mr. ATIQ UR REHMAN
Manager Estimation & QC Etihad Town Lahore

Project: Development of ETIHAD PHASE-II

Our Ref. No. CL/CED/ 6186 **Dated:** 16/10/2024 **Test Specification**

Your Ref. No. Nil **Dated:** Nil (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 25/9/2024 **Tested on:** 16/10/2024 **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	SN	---	---	---	9 x 4.3 x 3	3875	3290	38.7	31	1794	17.78	---
2	SN	---	---	---	8.8 x 4.2 x 2.9	3610	3215	36.96	39	2364	12.29	---
3	SN	---	---	---	8.8 x 4.2 x 3	3745	3290	36.96	33	2000	13.83	---
4	SN	---	---	---	8.9 x 4.2 x 3	3705	3245	37.38	37	2217	14.18	---
5	SN	---	---	---	8.8 x 4.2 x 2.9	3800	3325	36.96	37	2242	14.29	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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

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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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7992
Dr. M. Yousaf

To: Deputy Director (Tech-II)
Anti-Corruption Establishment Punjab, Lahore

Project: ENQUIRY NO. 115/2024 SAHIWAL (DISTRICT COUNCIL OKARA)

Our Ref. No. CL/CED/ 6187-1 of 2 **Dated:** 16/10/2024 **Test Specification**

Your Ref. No. DACE-DDT-II-08 **Dated:** 23/9/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 11-10-24 **Tested on:** 16/10/2024 **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	7UP (Soling 23/2R & 24/2R)	---	---	---	8.4 x 4.2 x 2.8	---	2590	35.28	34	2159	---	Used Sample
2	7UP (Soling 23/2R & 24/2R)	---	---	---	8.5 x 4.2 x 2.7	---	2485	35.7	18	1129	---	Used Sample
3	7UP (Soling 23/2R & 24/2R)	---	---	---	8.3 x 4.1 x 2.6	---	2535	34.03	27	1777	---	Used Sample
4	400 (39/3R)	---	---	---	8.5 x 4.1 x 2.6	---	2795	34.85	41	2635	---	Used Sample
5	400 (39/3R)	---	---	---	8.6 x 3.8 x 2.7	---	2605	32.68	31	2125	---	Used Sample
6	400 (39/3R)	---	---	---	8.5 x 4.1 x 2.7	---	2790	34.85	26	1671	---	Used Sample
7	ABC (13/4L)	---	---	---	8.7 x 4.3 x 2.7	---	2985	37.41	29	1736	---	Used Sample
8	ABC (13/4L)	---	---	---	8.7 x 4.3 x 2.7	---	3025	37.41	38	2275	---	Used Sample
9	ABC (13/4L)	---	---	---	8.7 x 4.3 x 2.9	---	3295	37.41	30	1796	---	Used Sample
10	RBK (Soling 46/3R)	---	---	---	8.6 x 4.2 x 2.6	---	2450	36.12	25	1550	---	Used Sample
11	RBK (Soling 46/3R)	---	---	---	8.7 x 3.9 x 2.6	---	2690	33.93	32	2113	---	Used Sample
12	---	---	---	---	---	---	---	---	---	---	---	---
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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

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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.

7992
Dr. M. Yousaf

To: Deputy Director (Tech-II)
Anti-Corruption Establishment Punjab, Lahore

Project: ENQUIRY NO. 115/2024 SAHIWAL (DISTRICT COUNCIL OKARA)

Our Ref. No. CL/CED/ 6187-2 of 2 **Dated:** 16/10/2024 **Test Specification**

Your Ref. No. DACE-DDT-II-08 **Dated:** 23/9/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 11-10-24 **Tested on:** 16/10/2024 **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, Red, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2610	29.64	41	3099	---	Used Sample(IB Office Okara)
2	Rectangular, Red, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2655	29.64	62	4686	---	Used Sample(IB Office Okara)
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2550	29.64	43	3250	---	Used Sample(IB Office Okara)
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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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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Dr. M. Yousaf

To: Deputy Director (Tech-II)
Anti-Corruption Establishment Punjab, Lahore

Project: ENQUIRY NO. 115/2024 SAHIWAL (DISTRICT COUNCIL OKARA)

Our Ref. No. CL/CED/ 6188-1 of 3 **Dated:** 16/10/2024 **Test Specification**

Your Ref. No. DACE-DDT-II-07 **Dated:** 23/9/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 11-10-24 **Tested on:** 16/10/2024 **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	H (Sol. 22/D, 38/D, 39D,47/D,49/D)	---	---	---	8.5 x 4.1 x 2.7	---	2545	34.85	17	1093	---	Used Sample
2	H (Sol. 22/D, 38/D, 39D,47/D,49/D)	---	---	---	8.5 x 4 x 2.6	---	2540	34	16	1054	---	Used Sample
3	H (Sol. 22/D, 38/D, 39D,47/D,49/D)	---	---	---	8.4 x 4.2 x 2.7	---	2725	35.28	20	1270	---	Used Sample
4	S (Soling 31/1 AL)	---	---	---	8.4 x 4.2 x 2.7	---	2785	35.28	25	1587	---	Used Sample
5	S (Soling 31/1 AL)	---	---	---	8.4 x 4 x 2.6	---	2810	33.6	26	1733	---	Used Sample
6	S (Soling 31/1 AL)	---	---	---	8.4 x 4.1 x 2.6	---	2675	34.44	31	2016	---	Used Sample
7	S (Soling 17/D)	---	---	---	8.4 x 4.2 x 2.7	---	2785	37.44	30	1795	---	Used Sample
8	S (Soling 17/D)	---	---	---	8.4 x 4 x 2.7	---	2810	37.44	38	2274	---	Used Sample
9	S (Soling 17/D)	---	---	---	8.4 x 4.1 x 2.6	---	2675	37.44	24	1436	---	Used Sample
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Dr. M. Yousaf

To: Deputy Director (Tech-II)
Anti-Corruption Establishment Punjab, Lahore

Project: ENQUIRY NO. 115/2024 SAHIWAL (DISTRICT COUNCIL OKARA)

Our Ref. No. CL/CED/ 6188-2 of 3 **Dated:** 16/10/2024 **Test Specification**

Your Ref. No. DACE-DDT-II-07 **Dated:** 23/9/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 11-10-24 **Tested on:** 16/10/2024 **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, Red, 60mm (54/2L)	---	---	---	7.8 x 3.8 x 2.3	---	2765	29.64	81	6121	---	Used Sample
2	Rectangular, Red, 60mm (54/2L)	---	---	---	7.8 x 3.8 x 2.3	---	2825	29.64	81	6121	---	Used Sample
3	Rectangular,Grey, 60mm (54/2L)	---	---	---	7.8 x 3.8 x 2.3	---	2650	29.64	50	3779	---	Used Sample
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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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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Dr. M. Yousaf

To: Deputy Director (Tech-II)
Anti-Corruption Establishment Punjab, Lahore

Project: ENQUIRY NO. 115/2024 SAHIWAL (DISTRICT COUNCIL OKARA)

Our Ref. No. CL/CED/ 6188-3 of 3 **Dated:** 16-10-24 **Test Specification**

Your Ref. No. DACE-DDT-II-07 **Dated:** 23-09-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 11-10-24 **Tested on:** 16-10-24 **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	Uni-Block, Grey, 60mm (55/2L)	---	---	---	2.3 thick	---	3275	37.44	77	4607	---	Used Sample
2	Uni-Block, Grey, 60mm (55/2L)	---	---	---	2.3 thick	---	3180	37.44	70	4188	---	Used Sample
3	Uni-Block, Grey, 60mm (55/2L)	---	---	---	2.3 thick	---	3290	37.44	88	5265	---	Used Sample
4	---	---	---	---	---	---	---	---	---	---	---	---
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Dr. M. Yousaf

To: Deputy Director (Tech-II)
Anti-Corruption Establishment Punjab, Lahore

Project: ENQUIRY NO. 115/2024 SAHIWAL (DISTRICT COUNCIL OKARA)

Our Ref. No. CL/CED/ 6189 **Dated:** 16/10/2024 **Test Specification**

Your Ref. No. DACE-DDT-II-09 **Dated:** 23/9/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 11-10-24 **Tested on:** 16/10/2024 **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	S (Sullage Carrier 45/3R)	---	---	---	8.5 x 4.1 x 2.7	---	2780	34.85	25	1607	---	Used Sample
2	S (Sullage Carrier 45/3R)	---	---	---	8.7 x 4.1 x 2.6	---	2770	35.67	26	1633	---	Used Sample
3	S (Sullage Carrier 45/3R)	---	---	---	8.8 x 4.3 x 2.8	---	3150	37.84	26	1539	---	Used Sample
4	BK (Soling & Sullage Carrier)	---	---	---	8.6 x 4.1 x 2.7	---	2930	35.26	30	1906	---	Used Sample
5	BK (Soling & Sullage Carrier)	---	---	---	8.7 x 4.2 x 2.7	---	2705	36.54	20	1226	---	Used Sample
6	BK (Soling & Sullage Carrier)	---	---	---	8.5 x 4.2 x 2.7	---	2855	35.7	25	1569	---	Used Sample
7	Double Line MM Bricks (20/2L)	---	---	---	8.5 x 4.1 x 2.6	---	2700	34.85	26	1671	---	Used Sample
8	Double Line MM Bricks (20/2L)	---	---	---	8.6 x 4 x 2.6	---	2465	34.4	26	1693	---	Used Sample
9	Double Line MM Bricks (20/2L)	---	---	---	8.8 x 4.2 x 2.7	---	2740	36.96	24	1455	---	Used Sample
10	AT (Soling 67/AML)	---	---	---	8.5 x 4.1 x 2.6	---	2935	34.85	27	1735	---	Used Sample
11	AT (Soling 67/AML)	---	---	---	8.6 x 4 x 2.6	---	2900	34.4	22	1433	---	Used Sample
12	AT (Soling 67/AML)	---	---	---	8.8 x 4.2 x 2.7	---	2740	36.96	24	1455	---	Used Sample
13	---	---	---	---	---	---	---	---	---	---	---	---
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Dr. M. Yousaf

To: Mr. Adnan Yasir
Assistant Resident Engineer, Package-III (Punjab Cities Program) Gojra

Project: UPGRADATION OF SEWERAGE SYSTEM AND CONSTRUCTION OF WASTE WATER TREATMENT PLANT (WWTP) GOJRA CITY- PACKAGE 04 CONSTRUCTION OF WASTE WATER TREATMENT PLANT

Our Ref. No. CL/CED/ 6190 Dated: 16/10/2024 Test Specification

Your Ref. No. MMP/1095/Gojra/SEW/74/2024 Dated: 02-09-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 11-09-24 Tested on: 16/10/2024 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	372-O	---	---	---	8.5 x 4.2 x 2.8	3400	2930	35.7	39	2447	16.04	---
2	372-R	---	---	---	8.7 x 4.2 x 2.8	3315	2815	36.54	36	2207	17.76	---
3	372-A	---	---	---	8.7 x 4 x 2.8	3170	2850	34.8	27	1738	11.23	---
4	372-T	---	---	---	8.5 x 4 x 2.7	3115	2835	34	38	2504	9.88	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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