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.

4082
Dr. Mazhar

To: Engr. Muhammad Awais Iqbal
Project Manager, ELITE Engineering Pvt Limited

Project: Shell Filling Station Askari XI Lahore

Our Ref. No. CL/CED/ 160 Dated: 26/10/2022

Your Ref. No. 0 Dated: 17/10/2022

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/10/2022 Tested on: 26/10/2022 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	Main Building Situ (37)	8	10	2022	6Diax12	---	12.8	28.28	43	3406	---	Non Engraved
2	Main Building Situ (38)	8	10	2022	6Diax12	---	12.8	28.28	37	2931	---	Non Engraved
3	Main Building Situ (39)	8	10	2022	6Diax12	---	13	28.28	41	3248	---	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
A carbon copy for the report has been retained in the lab for record.

4119
Dr. Mazhar

To: Engr. Zahid Hussain
Director Project, INNOVATIVE Construction Company

Project: Construction of TIM HORTONS at Phase 6 DHA, Lahore

Our Ref. No. CL/CED/ 161 **Dated:** 26/10/2022

Your Ref. No. ICC/UET/111/1022/02 **Dated:** 21/10/2022

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/10/2022 **Tested on:** 26/10/2022 **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	---	4	10	2022	6Diax12	---	13	28.28	61	4832	---	Non Engraved
2	---	4	10	2022	6Diax12	---	12.8	28.28	67	5307	---	Non Engraved
3	---	4	10	2022	6Diax12	---	13.2	28.28	43	3406	---	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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4119
Dr. Mazhar

To: Engr. Zahid Hussain
Director Project, INNOVATIVE Construction Company

Project: Construction of TIM HORTONS at Phase 6 DHA, Lahore

Our Ref. No. CL/CED/ 162 **Dated:** 26/10/2022

Your Ref. No. ICC/UET/TH/1022/01 **Dated:** 21/10/2022

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/10/2022 **Tested on:** 26/10/2022 **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	---	5	10	2022	6Diax12	---	13.4	28.28	71	5624	---	Non Engraved
2	---	5	10	2022	6Diax12	---	13.2	28.28	51	4040	---	Non Engraved
3	---	5	10	2022	6Diax12	---	13	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 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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4105
Dr. Mazhar

To: Engr. M. Abbas
Resident Engineer, City Survey & Engineering Consultants

Project: Green View Executive Apartments Phase-V

Our Ref. No. CL/CED/ 163 **Dated:** 26/10/2022 **Test Specification**

Your Ref. No. CS/GVA//R.E/39/22 **Dated:** 20/10/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/10/2022 **Tested on:** 26/10/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4500 Psi	30	6	2022	6Diax12	---	13.4	28.28	75	5941	---	Non Engraved
2	4500 Psi	30	6	2022	6Diax12	---	13.4	28.28	75	5941	---	Non Engraved
3	4500 Psi	30	6	2022	6Diax12	---	13.6	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
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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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ORIGINAL
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4105
Dr. Mazhar

To: **Engr. M. Abbas**
Resident Engineer, City Survey & Engineering Consultants

Project: Green View Executive Apartments Phase-V

Our Ref. No. CL/CED/ 164 **Dated: 26/10/2022** **Test Specification**

Your Ref. No. CS/GVA//R.E/40/22 **Dated: 20/10/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 20/10/2022 Tested on: 26/10/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4500 Psi	2	6	2022	6Diax12	---	13.6	28.28	75	5941	---	Non Engraved
2	4500 Psi	2	6	2022	6Diax12	---	13.2	28.28	71	5624	---	Non Engraved
3	4500 Psi	2	6	2022	6Diax12	---	14	28.28	75	5941	---	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)
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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ORIGINAL
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4105
Dr. Mazhar

To: **Engr. M. Abbas**
Resident Engineer, City Survey & Engineering Consultants

Project: Green View Executive Apartments Phase-V

Our Ref. No. CL/CED/ 165 **Dated: 26/10/2022** **Test Specification**

Your Ref. No. CS/GVA//R.E/41/22 **Dated: 20/10/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 20/10/2022 Tested on: 26/10/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4500 Psi	20	4	2022	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
2	4500 Psi	20	4	2022	6Diax12	---	13.4	28.28	55	4356	---	Non Engraved
3	4500 Psi	20	4	2022	6Diax12	---	13	28.28	53	4198	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL
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4077
Dr. Mazhar

To: Mr. Khalil Ahmed Khoso
Resident Engineer, Metroplan-Asian JV, Site Office, MCH, Layyah

Project: Establishment of 200 Bedded Mother & Child Hospital. (MCH) Layyah

Our Ref. No. CL/CED/ 166 **Dated: 26/10/2022** **Test Specification**

Your Ref. No. Metroplan-Asian JV-MCH-Layyah-RE-146 **Dated: 06/10/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 18/10/2022 Tested on: 26/10/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	29	9	2022	6Diax12	---	13	28.28	55	4356	---	Non Engraved
2	---	29	9	2022	6Diax12	---	13	28.28	53	4198	---	Non Engraved
3	---	29	9	2022	6Diax12	---	13	28.28	53	4198	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

4112
Dr. Mazhar

To: Syed Tasawur Hussain Naqvi
Assistant Executive Engineer-III, CCD, PAK PWD Gujranwala

Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhupura. Phase-II (SH: Establishment of Trainees Hostels Block).

Our Ref. No. CL/CED/ 167 Dated: 26/10/2022 **Test Specification**

Your Ref. No. AEE-III/CCD/GA/Work/NHMP/P-II/Lab/02 Dated: 02/09/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/10/2022 Tested on: 26/10/2022 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	Strip & Raft Foundation	4	7	2022	6Diax12	---	13	28.28	33	2614	---	Engraved
2	Strip & Raft Foundation	5	7	2022	6Diax12	---	12.8	28.28	23	1822	---	Engraved
3	Strip & Raft Foundation	7	7	2022	6Diax12	---	13	28.28	21	1663	---	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.

4120
Dr. Mazhar

To: Mr. Haroon Rashid
Site Supervisor, Pakistan Rangers (Punjab)

Project: Construction of OPD Block at HQ Pakistan Rangers (Punjab) for Construction of Strip footing

Our Ref. No. CL/CED/ 168 Dated: 26/10/2022 **Test Specification**

Your Ref. No. 2231/Works/1611 Dated: 21/9/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/10/2022 Tested on: 26/10/2022 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	---	21	9	2022	6Diax12	---	13.2	28.28	88	6970	---	Non Engraved
2	---	21	9	2022	6Diax12	---	13.8	28.28	93	7366	---	Non Engraved
3	---	21	9	2022	6Diax12	---	13.4	28.28	88	6970	---	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.

4130
Dr. Mazhar

To: Mr. Maqsood Alam
Senior Manager (Civil), Systems Limited, Lahore

Project: Rear Tower Systems Limited

Our Ref. No. CL/CED/ 169 Dated: 26/10/2022 **Test Specification**

Your Ref. No. SY-RT-UET-0011 Dated: 25/10/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/10/2022 **Tested on:** 26/10/2022 **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	3rd Floor Slab	15	9	2022	6Diax12	---	14	28.28	57	4515	---	Non Engraved
2	3rd Floor Slab	15	9	2022	6Diax12	---	14	28.28	83	6574	---	Non Engraved
3	3rd Floor Slab	15	9	2022	6Diax12	---	13.4	28.28	79	6257	---	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.

4127
Dr. Mazhar

To: Mr. Ahmed Ejaz
Quantity Surveyor, MS LINKER

Project: Construction of Hassan & Huma Residence- DHA Phase VIII, Sector-A, Lahore

Our Ref. No. CL/CED/ 170 Dated: 26/10/2022

Your Ref. No. LD/H&H/444-A/C-01 Dated: 25/10/2022

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/10/2022 Tested on: 26/10/2022 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	Retaining wall (3000 Psi)	14	10	2022	6Diax12	---	13	28.28	39	3089	---	Non Engraved
2	Retaining wall (3000 Psi)	14	10	2022	6Diax12	---	13	28.28	41	3248	---	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.

4065
Dr. Mazhar

To: **Mr. Bilal Rehman**
Bedian Road, Lahore Cantt.

Project: Construction of Second Floor Slab 80/81L Model Town Extension Lahore

Our Ref. No. CL/CED/ 171 **Dated: 26/10/2022** **Test Specification**

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

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 Tested on: 26/10/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	3000 Psi	3	9	2022	6Diax12	---	13	28.28	35	2772	---	Non Engraved
2	3000 Psi	3	9	2022	6Diax12	---	13	28.28	41	3248	---	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.

4118
Dr. Mazhar

To: Mr. Haroon Rashid
Site Supervisor, Pakistan Rangers (Punjab)

Project: Construction of OPD Block at HQ Pakistan Rangers (Punjab) for Construction of Plinth Beam.

Our Ref. No. CL/CED/ 172 **Dated: 26/10/2022** **Test Specification**

Your Ref. No. 2231/Works/1773 **Dated: 17/10/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 24/10/2022 Tested on: 26/10/2022 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	---	6	10	2022	6Diax12	---	14	28.28	33	2614	---	Non Engraved
2	---	6	10	2022	6Diax12	---	14	28.28	25	1980	---	Non Engraved
3	---	6	10	2022	6Diax12	---	13.8	28.28	37	2931	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

4085
Dr. Aqsa

To: **(Qaiser Nadeem)**
A/XEN, For GE (AIR) RAFIQUI

Project: Extension of No. 14 MR SQN HQ BUILDING at PAF BASE RAFIQUI CA No. CEAF-CZ-09/2022.

Our Ref. No. CL/CED/ 173 **Dated: 26/10/2022** **Test Specification**

Your Ref. No. 6529/57/E-6 **Dated: 03/10/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 18/10/2022 Tested on: 25/10/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Roof Slab	7	9	2022	6Diax12	---	13.2	28.28	48	3802	---	Engraved
2	Roof Slab	7	9	2022	6Diax12	---	14	28.28	39	3089	---	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.

4125
Dr. Mazhar

To: Mr. Aamir Bashir
Project Manager, VELOSI

Project: Detailed Design and Resident Supervision of Regional Campuses for Allama Iqbal Open University located at Sahiwal

Our Ref. No. CL/CED/ 174 **Dated: 26/10/2022** **Test Specification**

Your Ref. No. VISP-L-C22-301 **Dated: 24/10/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 25/10/2022 Tested on: 26/10/2022 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	Raft Foundation (1:1.5:3)	15	10	2022	6x6x6	---	8.4	36	79	4916	---	Non Engraved
2	Raft Foundation (1:1.5:3)	16	10	2022	6x6x6	---	8.6	36	96	5973	---	Engraved
3	Raft Foundation (1:1.5:3)	17	10	2022	6x6x6	---	8.6	36	98	6098	---	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.

4053
Dr. Aqsa

To: Engr. Muhammad Awais Iqbal
Project Manager, ELITE ENGINEERING PVT LIMITED

Project: SHELL FILLING STATION ASKARI XI Lahore

Our Ref. No. CL/CED/ 175 Dated: 26/10/2022

Your Ref. No. Nil Dated: 13/10/2022

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/10/2022 Tested on: 25/10/2022 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	#22 (Ultra 727)	30	9	2022	6Diax12	---	13.2	28.28	31	2455	---	Non Engraved
2	#23 (Ultra 727)	30	9	2022	6Diax12	---	13	28.28	33	2614	---	Non Engraved
3	#24 (Ultra 727)	30	9	2022	6Diax12	---	12.8	28.28	37	2931	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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.

4053
Dr. Aqsa

To: Engr. Muhammad Awais Iqbal
Project Manager, ELITE ENGINEERING PVT LIMITED

Project: SHELL FILLING STATION ASKARI XI Lahore

Our Ref. No. CL/CED/ 176 **Dated: 26/10/2022** **Test Specification**

Your Ref. No. Nil **Dated: 13/10/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 13/10/2022 Tested on: 25/10/2022 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	#16 (Footing)	29	9	2022	6Diax12	---	14	28.28	59	4673	---	Non Engraved
2	#17 (Footing)	29	9	2022	6Diax12	---	13.4	28.28	51	4040	---	Non Engraved
3	#18 (Footing)	29	9	2022	6Diax12	---	13	28.28	53	4198	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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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.

4095
Dr. Umbreen

To: **Mr. Muhammad Imran Khan**
Material Engineer ECSP, MPA Hostel, Phase-II, Engineering Consultancy Services Punjab (Pvt.) Lt

Project: Engineering Consultancy Services for Construction of MPA's Hostel Lahore, Phase-II (Lift Wall from 5th to 6th Floor). (M/s Iftikhar & Co.)

Our Ref. No. CL/CED/ 177 **Dated: 26/10/2022** **Test Specification**

Your Ref. No. 340/ECSP/MPA/ME/52 **Dated: 15/10/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 19/10/2022 Tested on: 25/10/2022 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	---	17	9	2022	6x6x6	---	9	36	83	5164	---	Engraved
2	---	17	9	2022	6x6x6	---	9	36	88	5476	---	Engraved
3	---	17	9	2022	6x6x6	---	9	36	88	5476	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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.

4093
Dr. Umbreen

To: Mr. M. Sarwar Rao
General Manager (P&T), INDUS SUGAR MILLS Limited

Project: Sugar Godown at Indus Sugar Mills Limited, Rajanpur

Our Ref. No. CL/CED/ 178 Dated: 26/10/2022 **Test Specification**

Your Ref. No. Nil Dated: 18/10/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 19/10/2022 **Tested on:** 24/10/2022 **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	Footing (C20)	2	10	2022	6x6x6	---	8	36	57	3547	---	Non Engraved
2	Footing (C20)	7	10	2022	6x6x6	---	8	36	83	5164	---	Non Engraved
3	Columns (C30)	7	10	2022	6x6x6	---	8.4	36	51	3173	---	Non Engraved
4	Columns (C30)	8	10	2022	6x6x6	---	7.8	36	63	3920	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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.

4083
Dr. Umbreen

To: Deputy Director PHATA Sub Region Okara
Office of the Deputy Director, Punjab Housing & Town Planning Agency Sub-Region Okara

Project: Construction of Houses 3-Marla & 5-Marla in ADS-II Renala Khurd District Okara under Naya Pakistan Housing Program

Our Ref. No. CL/CED/ 179 Dated: 26/10/2022 **Test Specification**

Your Ref. No. No. 1070 Dated: 29/9/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/10/2022 **Tested on:** 24/10/2022 **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	---	28	8	2022	6x6x6	---	8.2	36	73	4542	---	Non Engraved
2	---	28	8	2022	6x6x6	---	8.4	36	49	3049	---	Non Engraved
3	---	29	8	2022	6x6x6	---	8.4	36	49	3049	---	Non Engraved
4	---	29	8	2022	6x6x6	---	8.2	36	55	3422	---	Non Engraved
5	---	30	8	2022	6x6x6	---	8.4	36	57	3547	---	Non Engraved
6	---	30	8	2022	6x6x6	---	8.8	36	51	3173	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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.

4099
Dr. Umbreen

To: Chief Engineer
State Life Insurance Employees Co-Operative Housing Society Ltd

Project: Work at STATE LIFE HOUSING SOCIETY (SLHS) Ph.1, Lahore. (Construction of Over Head Water Tank Block "J") (Contractor: M/S Way Maker Construction Company)

Our Ref. No. CL/CED/ 180 Dated: 26/10/2022 Test Specification

Your Ref. No. SLCHS/EB/22/45 Dated: 18/10/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 19/10/2022 Tested on: 24/10/2022 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	Bowel	20	9	2022	6x6x6	---	8.4	36	43	2676	---	Non Engraved
2	Bowel	20	9	2022	6x6x6	---	8.6	36	65	4044	---	Non Engraved
3	Bowel	20	9	2022	6x6x6	---	8.4	36	67	4169	---	Non Engraved
4	Bowel	20	9	2022	6x6x6	---	8.2	36	45	2800	---	Non Engraved
5	Bowel	20	9	2022	6x6x6	---	8.2	36	67	4169	---	Non Engraved
6	Bowel	20	9	2022	6x6x6	---	8.2	36	69	4293	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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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.

4134
Dr. Mazhar

To: Executive Engineer
Public Health Engg: Division Chakwal

Project: Annual Development Programme Construction of PCC Streets/Drains UC LEHR SULTN PUR BASHARAT ARRA, SALOI, DANDOOT, DALWAL, DULMIAL and KHAIRPUR Tehsil CHOA SAIDEN SHAH

Our Ref. No. CL/CED/ 181 Dated: 26/10/2022 **Test Specification**

Your Ref. No. 684/CH Dated: 06/09/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 25/10/2022 Tested on: 26/10/2022 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	(1:2:4)	10	8	2022	6x6x6	---	8.4	36	71	4418	---	Non Engraved
2	(1:2:4)	10	8	2022	6x6x6	---	8.6	36	98	6098	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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.

4121
Dr. Mazhar

To: Engr. Tayyab Rasool
Project Manager, Renaissance International Pvt. Ltd.

Project: Construction of Overhead Water Reservoir (Shaft, Pour #10) at Block Trust Prime Lahore, Motorway City, Sheikhupura Road, Lahore. (100,000 Gallons Capacity)

Our Ref. No. CL/CED/ 182 Dated: 26/10/2022

Your Ref. No. QC/22/041 Dated: 24/10/2022

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 24/10/2022 Tested on: 26/10/2022 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	#1772	25	9	2022	6x6x6	---	8	36	31	1929	---	Non Engraved
2	#1773	25	9	2022	6x6x6	---	8.2	36	35	2178	---	Non Engraved
3	#1774	25	9	2022	6x6x6	---	8.2	36	35	2178	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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.

4069
Dr. Mazhar

To: Sub Divisional Officer
Buildings Sub Division No. 05, Lahore

Project: Extansion/Expansion of Inspectorate of Prisons Punjab Lahore Group No. 1.

Our Ref. No. CL/CED/ 183 **Dated: 26/10/2022** **Test Specification**

Your Ref. No. 2102/5th **Dated: 11/10/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 Tested on: 26/10/2022 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	3rd Floor Slab (1:2:4)	12	9	2022	6x6x6	---	8.6	36	59	3671	---	Non Engraved
2	3rd Floor Slab (1:2:4)	12	9	2022	6x6x6	---	8.2	36	67	4169	---	Non Engraved
3	3rd Floor Slab (1:2:4)	12	9	2022	6x6x6	---	8.4	36	110	6844	---	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**

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.

4069
Dr. Mazhar

To: Sub Divisional Officer
Buildings Sub Division No. 06, Lahore

Project: Construction of New Office Block of Commissioner Office Lahore ADP No. 5634 for the Year 2021-22

Our Ref. No. CL/CED/ 184 **Dated: 26/10/2022** **Test Specification**

Your Ref. No. 113/sd6 **Dated: 12/10/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 **Tested on:** 26/10/2022 **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/F Col./ Lift (1:1 1/2:3)	10	9	2022	6x6x6	---	8.4	36	45	2800	---	Non Engraved
2	Ground/F Col./ Lift (1:1 1/2:3)	10	9	2022	6x6x6	---	9	36	108	6720	---	Non Engraved
3	Ground/F Col./ Lift (1:1 1/2:3)	10	9	2022	6x6x6	---	8.6	36	118	7342	---	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.

4069
Dr. Mazhar

To: Sub Divisional Officer
Buildings Sub Division No. 12, Lahore

Project: Construction of Main Building Govt. Technical Training Institute for Women, Sabzazar Lahore

Our Ref. No. CL/CED/ 185 **Dated:** 26/10/2022 **Test Specification**

Your Ref. No. No. 559 **Dated:** 11/10/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 **Tested on:** 26/10/2022 **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	Col./ Lift (1:1 1/2:3)	10	9	2022	6x6x6	---	8.2	36	94	5849	---	Non Engraved
2	Col./ Lift (1:1 1/2:3)	10	9	2022	6x6x6	---	8.6	36	116	7218	---	Non Engraved
3	Col./ Lift (1:1 1/2:3)	10	9	2022	6x6x6	---	8.4	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.

4069
Dr. Mazhar

To: **Sub Divisional Officer**
Buildings Sub Division No. 15, Lahore

Project: Forest Complex at Ravi Road Lahore (ADP No. 6621/2021-22)

Our Ref. No. CL/CED/ 186 **Dated: 26/10/2022** **Test Specification**

Your Ref. No. No. 2183 **Dated: 11/10/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 **Tested on:** 26/10/2022 **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	First/ F. Col./ Lift (1:1 1/2:3)	10	9	2022	6x6x6	---	8.4	36	71	4418	---	Non Engraved
2	First/ F. Col./ Lift (1:1 1/2:3)	10	9	2022	6x6x6	---	8.4	36	110	6844	---	Non Engraved
3	First/ F. Col./ Lift (1:1 1/2:3)	10	9	2022	6x6x6	---	8.4	36	53	3298	---	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**

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.

4069
Dr. Mazhar

To: **Sub Divisional Officer**
Buildings Sub Division No. 15, Lahore

Project: Forest Complex at Ravi Road Lahore (ADP No. 6621/2021-22)

Our Ref. No. CL/CED/ 187 **Dated: 26/10/2022** **Test Specification**

Your Ref. No. No. 2181 **Dated: 11/10/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 Tested on: 26/10/2022 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 Slab (1:2:4)	6	9	2022	6x6x6	---	8.4	36	114	7093	---	Non Engraved
2	Ground Floor Slab (1:2:4)	6	9	2022	6x6x6	---	8.4	36	114	7093	---	Non Engraved
3	Ground Floor Slab (1:2:4)	6	9	2022	6x6x6	---	8.4	36	88	5476	---	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**

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.

4069
Dr. Mazhar

To: Sub Divisional Officer
Buildings Sub Division No. 15, Lahore

Project: Construction of Court Rooms for Judicial Officers at Model Town Lahore Group No. 1

Our Ref. No. CL/CED/ 188 **Dated: 26/10/2022** **Test Specification**

Your Ref. No. No. 2182 **Dated: 11/10/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 **Tested on:** 26/10/2022 **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	Fourth Floor Slab (1:2:4)	7	9	2022	6x6x6	---	8.2	36	79	4916	---	Non Engraved
2	Fourth Floor Slab (1:2:4)	7	9	2022	6x6x6	---	8.4	36	90	5600	---	Non Engraved
3	Fourth Floor Slab (1:2:4)	7	9	2022	6x6x6	---	8.4	36	90	5600	---	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**

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.

4069
Dr. Mazhar

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

Project: Construction of Population Walfare House Punjab, at Lahore.

Our Ref. No. CL/CED/ 189 **Dated: 26/10/2022** **Test Specification**

Your Ref. No. 173/22nd **Dated: 08/10/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 Tested on: 26/10/2022 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	RCC (1: 1 1/2: 3) First /F Lift	12	9	2022	6x6x6	---	8.8	36	73	4542	---	Non Engraved
2	RCC (1: 1 1/2: 3) First /F Lift	12	9	2022	6x6x6	---	8.6	36	51	3173	---	Non Engraved
3	RCC (1: 1 1/2: 3) First /F Lift	12	9	2022	6x6x6	---	8.4	36	94	5849	---	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.

4069
Dr. Mazhar

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

Project: Construction of Population Welfare House Punjab, at Lahore.

Our Ref. No. CL/CED/ 190 **Dated: 26/10/2022** **Test Specification**

Your Ref. No. 171/22nd **Dated: 03/10/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 Tested on: 26/10/2022 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	RCC (1: 2: 4) Ground/ F Slab	6	9	2022	6x6x6	---	8.6	36	106	6596	---	Non Engraved
2	RCC (1: 2: 4) Ground/ F Slab	6	9	2022	6x6x6	---	8.4	36	96	5973	---	Non Engraved
3	RCC (1: 2: 4) Ground/ F Slab	6	9	2022	6x6x6	---	8.4	36	83	5164	---	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.

4069
Dr. Mazhar

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

Project: Construction of Population Welfare House Punjab, at Lahore.

Our Ref. No. CL/CED/ 191 **Dated: 26/10/2022** **Test Specification**

Your Ref. No. 174/22nd **Dated: 08/10/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 Tested on: 26/10/2022 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	RCC (1: 1: 2) First/ F Columns	12	9	2022	6x6x6	---	8.6	36	116	7218	---	Non Engraved
2	RCC (1: 1: 2) First/ F Columns	12	9	2022	6x6x6	---	8.8	36	104	6471	---	Non Engraved
3	RCC (1: 1: 2) First/ F Columns	12	9	2022	6x6x6	---	8.6	36	102	6347	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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
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ORIGINAL
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4080
Dr. Mazhar

To: Mr. Talha Javaid
Planning & Coordination Engineer, CONSTRUCT

Project: Construction of 18 Green Apartment Complex at DRGCC DHA Phase VI

Our Ref. No. CL/CED/ 192 **Dated: 26/10/2022** **Test Specification**

Your Ref. No. Nil **Dated: 18/10/2022** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 18/10/2022 Tested on: 26/10/2022 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	Solid Block	---	---	---	11.8x3.9x7.8	---	11.4	46.02	22	1071	---	---
2	Solid Block	---	---	---	11.8x3.9x7.8	---	12	46.02	25	1217	---	---
3	Solid Block	---	---	---	11.8x3.9x7.7	---	11.6	46.02	26	1266	---	---
4	Solid Block	---	---	---	11.7x7.7x7.8	---	23.6	90.09	45	1119	---	---
5	Solid Block	---	---	---	11.8x7.7x7.8	---	24	90.86	41	1011	---	---
6	Solid Block	---	---	---	11.7x7.9x7.9	---	25	90.86	59	1455	---	---
7		---	---	---	---	---	---	---	---	---	---	---
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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.

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ORIGINAL
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4053
Dr. Aqsa

To: Engr. Muhammad Awais Iqbal
Project Manager, Shell Filling Station Askari XI

Project: SHELL FILLING STATION ASKARI XI LAHORE

Our Ref. No. CL/CED/ 193 **Dated: 26/10/2022** **Test Specification**

Your Ref. No. Nil **Dated: 13/10/2022** **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 13/10/2022 **Tested on:** 26/10/2022 **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	ABC	---	---	---	8.8 x 4.3 x 3.1	3760	3355	37.84	47	2782	12.07	---
2	ABC	---	---	---	8.7 x 4.2 x 3	3725	3345	36.54	41	2513	11.36	---
3	ABC	---	---	---	8.8 x 4.3 x 3.1	3775	3320	37.84	44	2605	13.7	---
4	ABC	---	---	---	8.8 x 4.4 x 3.1	3790	3385	38.72	38	2198	11.96	---
5	ABC	---	---	---	8.7 x 4.3 x 3	3660	3310	37.41	47	2814	10.57	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**