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.

4408
Dr. Yousaf

To: Engr. Zafar Iqbal, Project Manager
United Life Style (Pvt.) Ltd.

Project: Constructing a High Rise Building "Skyscrapers by United Life Style MA Johar Town, Lahore."

Our Ref. No. CL/CED/ 604 Dated: 16/12/2022 **Test Specification**

Your Ref. No. 001/ULS/2021-2022/004A Dated: 13/12/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/12/2022 **Tested on:** 16/12/2022 **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	---	8	11	2022	6Diax12	---	14	28.28	78	6178	---	Non Engraved
2	---	1	11	2022	6Diax12	---	13.2	28.28	70	5545	---	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. **** ACI318-19 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.

4426
Dr. Qasim

To: Mr. Ameen Firdous
Civil Engineer and Technologist, PRIME BUILDERS

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

Our Ref. No. CL/CED/ 605 Dated: 16/12/2022

Your Ref. No. Nil Dated: 16/12/2022

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16/12/2022 Tested on: 16/12/2022 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	TM-5 Companion (6000 Psi)	16	11	2022	6Diax12	---	14	28.28	75	5941	---	Non Engraved
2	TM-4 Companion (6000 Psi)	16	11	2022	6Diax12	---	13.6	28.28	62	4911	---	Non Engraved
3	TM-4 Tank Cured (6000 Psi)	16	11	2022	6Diax12	---	14	28.28	65	5149	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: M. Uzair CNIC 16102-6784638-9

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.

4423
Dr. Qasim

To: **Mr. Muhammad Tahir Nazeer**
Deputy Manager Civil, NISHAT DENIM

Project: Construction of Bridge over Nalla at Nishat Mills Ltd (Denim Division), 13Km Faisalabad Road, Bhikhi Sheikhupura. (Contractor: Guarantee Engineers Pvt. Ltd.)

Our Ref. No. CL/CED/ 606 **Dated: 16/12/2022** **Test Specification**

Your Ref. No. NDM/C-TEST/015 **Dated: 15/12/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/12/2022 Tested on: 16/12/2022 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	Bridge Girder No-01	8	12	2022	6Diax12	---	14	28.28	60	4752	---	Non Engraved
2	Bridge Girder No-01	8	12	2022	6Diax12	---	14	28.28	64	5069	---	Non Engraved
3	Bridge Girder No-01	8	12	2022	6Diax12	---	13	28.28	68	5386	---	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
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.

4395
Dr. Yousaf

To: **Mr. Muhammad Sohail Anjum**
Project Manager, MS Tower, G4 Lahore

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

Our Ref. No. CL/CED/ 607 **Dated: 16/12/2022** **Test Specification**

Your Ref. No. MST/UET/2022/C-074 **Dated: 09/12/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/12/2022 **Tested on:** 16/12/2022 **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	#163 (3000 Psi)	9	11	2022	6Diax12	---	13.8	28.28	56	4436	---	Non Engraved
2	#164 (3000 Psi)	9	11	2022	6Diax12	---	13	28.28	57	4515	---	Non Engraved
3	#165 (3000 Psi)	9	11	2022	6Diax12	---	14	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 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.

4411
Dr. Yousaf

To: Mr. Muhammad Arif
Sr. QS, for Thaheem Construction Company

Project: Construction of AS Tower Office Building at New Garden Town, Lahore

Our Ref. No. CL/CED/ 608 Dated: 16/12/2022

Your Ref. No. TCC/UET/675 Dated: 14/12/2022

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/12/2022 Tested on: 16/12/2022 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	Columns First Floor (6000 Psi)	8	12	2022	6Diax12	---	13.6	28.28	56	4436	---	Non Engraved
2	Columns First Floor (6000 Psi)	8	12	2022	6Diax12	---	13.8	28.28	64	5069	---	Non Engraved
3	Columns First Floor (6000 Psi)	8	12	2022	6Diax12	---	14	28.28	58	4594	---	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
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.

4399
Dr. Yousaf

To: **Mr. Muhammad Arif**
Sr. QS, for Thaheem Construction Company

Project: Construction of AS Tower Office Building at New Garden Town, Lahore.

Our Ref. No. CL/CED/ 609 **Dated: 16/12/2022** **Test Specification**

Your Ref. No. TCC/UET/672 **Dated: 12/12/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/12/2022 Tested on: 16/12/2022 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 (4000 Psi)	5	12	2022	6Diax12	---	13.4	28.28	53	4198	---	Non Engraved
2	Ground Floor Slab (4000 Psi)	5	12	2022	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
3	Ground Floor Slab (4000 Psi)	5	12	2022	6Diax12	---	13.4	28.28	66	5228	---	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
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

4401
Dr. Yousaf

To: **Mr. Arif Siddique**
Ideal Construction Service

Project: Construction of FMH Tower Lahore.

Our Ref. No. CL/CED/ 610 **Dated: 16/12/2022** **Test Specification**

Your Ref. No. ICS/786/473 **Dated: 12/12/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 13/12/2022 Tested on: 16/12/2022 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	---	9	11	2022	6Diax12	---	13.2	28.28	86	6812	---	Non Engraved
2	---	9	11	2022	6Diax12	---	13.4	28.28	95	7525	---	Non Engraved
3	---	9	11	2022	6Diax12	---	13.2	28.28	85	6733	---	Non Engraved
4	---	11	11	2022	6Diax12	---	14	28.28	99	7842	---	Non Engraved
5	---	11	11	2022	6Diax12	---	14	28.28	78	6178	---	Non Engraved
6	---	11	11	2022	6Diax12	---	13.6	28.28	85	6733	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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
A carbon copy for the report has been retained in the lab for record.

4412
Dr. Yousaf

To: **Senior Project Manager**
Shifa Development Services Pvt. Ltd.

Project: Under Construction Site of Shifa National Hospital, Opposite Al-Qadar Garden, Lahore Sheikhupura Road, Faisalabad.

Our Ref. No. CL/CED/ 611 **Dated: 16/12/2022** **Test Specification**

Your Ref. No. SNHF/SDS/CT/08 **Dated: 14/12/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 14/12/2022 **Tested on:** 16/12/2022 **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	FF Slab Pour#2, Block C (3000 Psi)	30	10	2022	6Diax12	---	12.4	28.28	60	4752	---	Non Engraved
2	FF Slab Pour#2, Block C (3000 Psi)	30	10	2022	6Diax12	---	12.2	28.28	46	3644	---	Non Engraved
3	FF Slab Pour#2, Block C (3000 Psi)	30	10	2022	6Diax12	---	13.4	28.28	68	5386	---	Non Engraved
4	2nd Fl. Lift Wall, Block C (4000 Psi)	2	11	2022	6Diax12	---	13.2	28.28	80	6337	---	Non Engraved
5	2nd Fl. Lift Wall, Block C (4000 Psi)	2	11	2022	6Diax12	---	12.2	28.28	68	5386	---	Non Engraved
6	2nd Fl. Lift Wall, Block C (4000 Psi)	2	11	2022	6Diax12	---	12.8	28.28	75	5941	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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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.

4385
Dr. Yousaf

To: **Engr. Major Zia ul Islam (R)**
Project Director, GCC, Lahore, Overseas Construction Co. (Pvt.) Ltd

Project: Construction of Gulberg City Centre

Our Ref. No. CL/CED/ 612 **Dated: 16/12/2022** **Test Specification**

Your Ref. No. OCC/CPD/08/73 **Dated: 09/12/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 **Tested on:** 16/12/2022 **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 Grid 5-2 (Line C-E) (5000 psi)	14	11	2022	6Diax12	---	13.8	28.28	66	5228	---	Non Engraved
2	Raft Grid 5-2 (Line C-E) (5000 psi)	14	11	2022	6Diax12	---	14.2	28.28	75	5941	---	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
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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4385
Dr. Yousaf

To: **Engr. Major Zia ul Islam (R)**
Project Director, GCC, Lahore, Overseas Construction Co. (Pvt.) Ltd

Project: Construction of Gulberg City Centre

Our Ref. No. CL/CED/ 613 **Dated: 16/12/2022** **Test Specification**

Your Ref. No. OCC/CPD/08/72-A **Dated: 09/12/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 **Tested on:** 16/12/2022 **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 Grid 5-2 (Line C-E) (5000 psi)	13	11	2022	6Diax12	---	13.4	28.28	62	4911	---	Non Engraved
2	Raft Grid 5-2 (Line C-E) (5000 psi)	13	11	2022	6Diax12	---	13.2	28.28	61	4832	---	Non Engraved
3	Raft Grid 5-2 (Line C-E) (5000 psi)	13	11	2022	6Diax12	---	13.2	28.28	70	5545	---	Non Engraved
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Witnessed by:

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

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

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

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

Plain and Reinforced Concrete Laboratory
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4385
Dr. Yousaf

To: Engr. Major Zia ul Islam (R)
Project Director, GCC, Lahore, Overseas Construction Co. (Pvt.) Ltd

Project: Construction of Gulberg City Centre

Our Ref. No. CL/CED/ 614 **Dated:** 16/12/2022

Your Ref. No. OCC/CPD/08/72 **Dated:** 09/12/2022

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 **Tested on:** 16/12/2022 **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 Grid 5-2 (Line C-E) (5000 psi)	12	11	2022	6Diax12	---	13.8	28.28	62	4911	---	Non Engraved
2	Raft Grid 5-2 (Line C-E) (5000 psi)	12	11	2022	6Diax12	---	14	28.28	66	5228	---	Non Engraved
3	Raft Grid 5-2 (Line C-E) (5000 psi)	12	11	2022	6Diax12	---	14	28.28	71	5624	---	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)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
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4385
Dr. Yousaf

To: Engr. Major Zia ul Islam (R)
Project Director, GCC, Lahore, Overseas Construction Co. (Pvt.) Ltd

Project: Construction of Gulberg City Centre

Our Ref. No. CL/CED/ 615 Dated: 16/12/2022 **Test Specification**

Your Ref. No. OCC/CPD/07/69 Dated: 09/12/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 Tested on: 16/12/2022 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	Bsmnt 2, Col. Grid 2-4 (Line E-3)	9	11	2022	6Diax12	---	13.4	28.28	55	4356	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
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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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Dr. Yousaf

To: **Engr. Major Zia ul Islam (R)**
Project Director, GCC, Lahore, Overseas Construction Co. (Pvt.) Ltd

Project: Construction of Gulberg City Centre

Our Ref. No. CL/CED/ 616 **Dated: 16/12/2022** **Test Specification**

Your Ref. No. OCC/CPD/06/50 **Dated: 09/12/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 **Tested on:** 16/12/2022 **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	Bsmnt 3, Grid 4-1, Line A-0, Col. 4	4	10	2022	6Diax12	---	13.2	28.28	95	7525	---	Non Engraved
2	Bsmnt 3, Grid 4-1, Line A-0, Col. 4	4	10	2022	6Diax12	---	13.4	28.28	106	8396	---	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

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Dr. Yousaf

To: **Engr. Major Zia ul Islam (R)**
Project Director, GCC, Lahore, Overseas Construction Co. (Pvt.) Ltd

Project: Construction of Gulberg City Centre

Our Ref. No. CL/CED/ 617 **Dated: 16/12/2022** **Test Specification**

Your Ref. No. OCC/CPD/08/74 **Dated: 09/12/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 **Tested on:** 16/12/2022 **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	Bsmnt 3, Grid 2, Line B-1, C-23,	17	11	2022	6Diax12	---	13.2	28.28	62	4911	---	Non Engraved
2	Bsmnt 3, Grid 2, Line B-1, C-23,	17	11	2022	6Diax12	---	13.6	28.28	78	6178	---	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
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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. Yousaf

To: Engr. Major Zia ul Islam (R)
Project Director, GCC, Lahore, Overseas Construction Co. (Pvt.) Ltd

Project: Construction of Gulberg City Centre

Our Ref. No. CL/CED/ 618 Dated: 16/12/2022 **Test Specification**

Your Ref. No. OCC/CPD/08/75 Dated: 09/12/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 Tested on: 16/12/2022 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	Bsmnt 3, Grid 4, Line B-1, C-18.	18	11	2022	6Diax12	---	14	28.28	74	5861	---	Non Engraved
2	Bsmnt 3, Grid 4, Line B-1, C-18.	18	11	2022	6Diax12	---	13.6	28.28	73	5782	---	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
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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. Yousaf

To: **Engr. Major Zia ul Islam (R)**
Project Director, GCC, Lahore, Overseas Construction Co. (Pvt.) Ltd

Project: Construction of Gulberg City Centre

Our Ref. No. CL/CED/ 619 **Dated: 16/12/2022** **Test Specification**

Your Ref. No. OCC/CPD/07/68 **Dated: 09/12/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 **Tested on:** 16/12/2022 **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	Slab, Grid 4-2, Line E/3 (4000 Psi)	8	11	2022	6Diax12	---	13.4	28.28	57	4515	---	Non Engraved
2	Slab, Grid 4-2, Line E/3 (4000 Psi)	8	11	2022	6Diax12	---	13.2	28.28	46	3644	---	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.

4385
Dr. Yousaf

To: Engr. Major Zia ul Islam (R)
Project Director, GCC, Lahore, Overseas Construction Co. (Pvt.) Ltd

Project: Construction of Gulberg City Centre

Our Ref. No. CL/CED/ 620 **Dated:** 16/12/2022 **Test Specification**

Your Ref. No. OCC/CPD/07/67 **Dated:** 09/12/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 **Tested on:** 16/12/2022 **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	Grid 4, Line F-2, 1xC-23 Col. Ret.wl	8	11	2022	6Diax12	---	13.2	28.28	66	5228	---	Engraved
2	Grid 4, Line F-2, 1xC-23 Col. Ret.wl	8	11	2022	6Diax12	---	13.8	28.28	71	5624	---	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.

4405
Dr. Yousaf

To: **Mr. Muhammad Tahir Nazeer**
Deputy Manager Civil, NISHAT DENIM

Project: Construction of Nishat Mills Ltd. (Denim Division) 13Km Faisalabad Road, Bhikhi Sheikhupura.
(Contractor: Najmi Nadeem Construction Pvt. Ltd.)

Our Ref. No. CL/CED/ 621 **Dated: 16/12/2022** **Test Specification**

Your Ref. No. NDM/C-TEST/014 **Dated: 13/12/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 13/12/2022 Tested on: 16/12/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	C-30	15	11	2022	6x6x6	---	8.6	36	117	7280	---	Non Engraved
2	C-30	15	11	2022	6x6x6	---	8.4	36	112	6969	---	Non Engraved
3	C-30	15	11	2022	6x6x6	---	8.4	36	107	6658	---	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.

4405
Dr. Yousaf

To: **Muhammad Tahir Nazeer**
Deputy Manager civil, NISHAT DENIM

Project: Construction of Nishat Mills Ltd. (Denim Division) 13Km Faisalabad Road, Bhikhi Sheikhupura.
(Contractor: Najmi Nadeem Construction Pvt. Ltd.)

Our Ref. No. CL/CED/ 622 **Dated: 16/12/2022** **Test Specification**

Your Ref. No. NDM/C-TEST/013 **Dated: 13/12/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 13/12/2022 Tested on: 16/12/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	C-20	6	12	2022	6x6x6	---	8.4	36	76	4729	---	Engraved
2	C-20	6	12	2022	6x6x6	---	8.6	36	72	4480	---	Engraved
3	C-20	6	12	2022	6x6x6	---	8.6	36	73	4542	---	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.

4414
Dr. Yousaf

To: Engr. Ejaz ul Haq
Style Textile (Pvt) Ltd

Project: Construction of Style SAP-ASE

Our Ref. No. CL/CED/ 623 **Dated: 16/12/2022** **Test Specification**

Your Ref. No. 1082/09/2022 **Dated: 08/09/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 14/12/2022 **Tested on:** 16/12/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	C-30 (Slab Dyeing P3)	8	8	2022	6x6x6	---	8	36	103	6409	---	Non Engraved
2	C-30 (Slab Dyeing P3)	8	8	2022	6x6x6	---	8.2	36	108	6720	---	Non Engraved
3	C-30 (Slab Dyeing P3)	8	8	2022	6x6x6	---	8	36	101	6284	---	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.

4414
Dr. Yousaf

To: Engr. Ejaz ul Haq
Style Textile (Pvt) Ltd

Project: Construction of Style SAP-KRAFTCON

Our Ref. No. CL/CED/ 624 **Dated: 16/12/2022** **Test Specification**

Your Ref. No. 1080/08/2022 **Dated: 25/8/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 14/12/2022 **Tested on:** 16/12/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	C-24 (Slab Cutting)	23	7	2022	6x6x6	---	8.2	36	117	7280	---	Non Engraved
2	C-24 (Slab Cutting)	23	7	2022	6x6x6	---	8	36	117	7280	---	Non Engraved
3	C-24 (Slab Cutting)	23	7	2022	6x6x6	---	8.4	36	114	7093	---	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.

4414
Dr. Yousaf

To: Engr. Ejaz ul Haq
Style Textile (Pvt) Ltd

Project: Construction of Style SAP-KRAFTCON

Our Ref. No. CL/CED/ 625 **Dated: 16/12/2022** **Test Specification**

Your Ref. No. 1081/09/2022 **Dated: 08/09/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 14/12/2022 Tested on: 16/12/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	C-20 (Dyeing Flooring)	8	8	2022	6x6x6	---	8	36	100	6222	---	Non Engraved
2	C-20 (Dyeing Flooring)	8	8	2022	6x6x6	---	8	36	90	5600	---	Non Engraved
3	C-20 (Dyeing Flooring)	8	8	2022	6x6x6	---	8	36	100	6222	---	Non Engraved
4	C-24 (Canteen Building Slab)	7	8	2022	6x6x6	---	8.4	36	96	5973	---	Non Engraved
5	C-24 (Canteen Building Slab)	7	8	2022	6x6x6	---	8.2	36	116	7218	---	Non Engraved
6	C-24 (Canteen Building Slab)	7	8	2022	6x6x6	---	8.4	36	105	6533	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

4384
Dr. Yousaf

To: Mr. Muhammad Imran Khan
Material Engineer ECSP

Project: Engineering Consultancy Services for Construction of Baba Guru Nanak University, Nankana Sahib (G. Floor Column Admin Block), (M/S Shafiq Construction Company)

Our Ref. No. CL/CED/ 626 Dated: 16/12/2022 **Test Specification**

Your Ref. No. ECSP/BGNU/ME/12 Dated: 07/12/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 **Tested on:** 16/12/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	G-Floor Slab (1:1.5:3)	5	11	2022	6x6x6	---	8.8	36	100	6222	---	Engraved
2	G-Floor Slab (1:1.5:3)	5	11	2022	6x6x6	---	8.4	36	98	6098	---	Engraved
3	G-Floor Slab (1:1.5:3)	5	11	2022	6x6x6	---	8.8	36	99	6160	---	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.

4384
Dr. Yousaf

To: Muhammad Imran Khan
Material Engineer ESCP

Project: Engineering Consultancy Services for Construction of Baba Guru Nanak University, Nankana Sahib (First Floor Slab Academic Block-2), (M/S Shafiq Construction Company)

Our Ref. No. CL/CED/ 627 Dated: 16/12/2022 **Test Specification**

Your Ref. No. ECSP/BGNU/ME/11 Dated: 07/12/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 **Tested on:** 16/12/2022 **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 Floor Slab (1:2:4)	9	11	2022	6x6x6	---	8.6	36	99	6160	---	Non Engraved
2	First Floor Slab (1:2:4)	9	11	2022	6x6x6	---	8.8	36	100	6222	---	Non Engraved
3	First Floor Slab (1:2:4)	9	11	2022	6x6x6	---	9	36	75	4667	---	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.

4388
Dr. Yousaf

To: Mr. Shahzad Muneer
Team Leader, G3 Engineering Consultants (Pvt.) Ltd

Project: Resident Supervision of Civil Work of the Project Titled "Construction of Building GC Women University Sialkot on Acquired of Land"

Our Ref. No. CL/CED/ 628 Dated: 16/12/2022 **Test Specification**

Your Ref. No. G3/0271 Dated: 06/12/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 **Tested on:** 16/12/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	10	11	2022	6x6x6	---	8.6	36	34	2116	---	Engraved
2	---	10	11	2022	6x6x6	---	8.4	36	38	2364	---	Engraved
3	---	10	11	2022	6x6x6	---	8	36	33	2053	---	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.

4376
Dr. Yousaf

To: Mr. Aamir Bashir
Project Manager, VELOSI Integrity & Safety Pakistan (Pvt.) Ltd

Project: Detailed Design and Resident Supervision of Regional Campuses for Allama Iqbal Open University Located at Sahiwal. (Contractor: M/s RAILCOP)

Our Ref. No. CL/CED/ 629 Dated: 16/12/2022 **Test Specification**

Your Ref. No. VISP-L-C22-328 Dated: 07/12/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 8/12/2022 **Tested on:** 16/12/2022 **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	Columns (5000 Psi) (1:1:2)	18	11	2022	6x6x6	---	8.4	36	50	3111	---	Non Engraved
2	Columns (5000 Psi) (1:1:2)	18	11	2022	6x6x6	---	8.4	36	51	3173	---	Non Engraved
3	Columns (5000 Psi) (1:1:2)	18	11	2022	6x6x6	---	8	36	50	3111	---	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
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.

4387
Dr. Yousaf

To: Sub Divisional Officer
Building Sub Division, Hafizabad

Project: The Work "Upgradation of D.H.Q. Hospital (Group No. 2) Construction of Main Hospital Block No. 2

Our Ref. No. CL/CED/ 630 **Dated: 16/12/2022** **Test Specification**

Your Ref. No. 1862/HZ **Dated: 21/11/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 **Tested on:** 16/12/2022 **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 Beam (1:2:4)	25	10	2022	6x6x6	---	8.4	36	117	7280	---	Non Engraved
2	Footing Beam (1:2:4)	25	10	2022	6x6x6	---	8.2	36	72	4480	---	Non Engraved
3	Footing Beam (1:2:4)	25	10	2022	6x6x6	---	8	36	104	6471	---	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.

4387
Dr. Yousaf

To: Sub Divisional Officer
Building Sub Division, Hafizabad

Project: The Work "Upgradation of D.H.Q. Hospital (Group No. 2) Construction of Main Hospital Block No. 2

Our Ref. No. CL/CED/ 631 Dated: 16/12/2022 Test Specification

Your Ref. No. 1890/Hz Dated: 28/11/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 Tested on: 16/12/2022 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 Raft (1:2:4)	30	10	2022	6x6x6	---	8.4	36	74	4604	---	Non Engraved
2	RCC Raft (1:2:4)	30	10	2022	6x6x6	---	8.4	36	76	4729	---	Non Engraved
3	RCC Raft (1:2:4)	30	10	2022	6x6x6	---	8.8	36	70	4356	---	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.

4387
Dr. Yousaf

To: Sub Divisional Officer
Building Sub Division, Hafizabad

Project: The Work "Upgradation of D.H.Q. Hospital (Group No. 2) Construction of Main Hospital Block No. 2

Our Ref. No. CL/CED/ 632 **Dated: 16/12/2022** **Test Specification**

Your Ref. No. 1896/HZ **Dated: 30/11/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 **Tested on:** 16/12/2022 **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 Raft (1:2:4)	3	11	2022	6x6x6	---	8.2	36	92	5724	---	Non Engraved
2	RCC Raft (1:2:4)	3	11	2022	6x6x6	---	8	36	85	5289	---	Non Engraved
3	RCC Raft (1:2:4)	3	11	2022	6x6x6	---	8.4	36	40	2489	---	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.

4394
Dr. Yousaf

To: (Maryam Adnan)
Executive Engineer, Office of the Executive Engineer 5th Buildings Division, Lahore

Project: Construction of Driver Shed & Fire Fighting System (Group No. 06) Extension of Punjab Assembly Building, Lahore.

Our Ref. No. CL/CED/ 633 Dated: 16/12/2022 Test Specification

Your Ref. No. No. 5529 Dated: 08/12/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/12/2022 **Tested on:** 16/12/2022 **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)	21	6	2022	6x6x6	---	8.8	36	130	8089	---	Engraved
2	(1:2:4)	21	6	2022	6x6x6	---	8.8	36	114	7093	---	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.

4394
Dr. Yousaf

To: (Maryam Adnan)
Executive Engineer, Office of the Executive Engineer 5th Buildings Division, Lahore

Project: Construction of Driver Shed & Fire Fighting System (Group No. 06) Extension of Punjab Assembly Building, Lahore

Our Ref. No. CL/CED/ 634 Dated: 16/12/2022 Test Specification

Your Ref. No. No. 5530 Dated: 08/12/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/12/2022 **Tested on:** 16/12/2022 **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)	24	3	2022	6x6x6	---	8.6	36	94	5849	---	Engraved
2	(1:2:4)	24	3	2022	6x6x6	---	8.2	36	58	3609	---	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.

4394
Dr. Yousaf

To: (Maryam Adnan)
Executive Engineer, Office of the Executive Engineer 5th Buildings Division, Lahore

Project: Construction of Driver Shed & Fire Fighting System (Group No. 06) Extension of Punjab Assembly Building, Lahore

Our Ref. No. CL/CED/ 635 Dated: 16/12/2022 Test Specification

Your Ref. No. No. 5527 Dated: 08/12/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/12/2022 Tested on: 16/12/2022 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)	22	3	2022	6x6x6	---	8.6	36	117	7280	---	Engraved
2	(1:2:4)	22	2	2022	6x6x6	---	8.6	36	105	6533	---	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.

4407
Dr. Yousaf

To: **Engr. Muhammad Waqas**
Project Engineer, DESIGN MATRIX

Project: Nil

Our Ref. No. CL/CED/ 636 **Dated: 16/12/2022** **Test Specification**

Your Ref. No. DM/3000/GSH **Dated: 13/12/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 13/12/2022 Tested on: 16/12/2022 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	11	2022	6Diax12	---	14	28.28	56	4436	---	Non Engraved
2	---	28	11	2022	6Diax12	---	13.2	28.28	74	5861	---	Non Engraved
3	---	28	11	2022	6Diax12	---	14	28.28	67	5307	---	Non Engraved
4	---	29	11	2022	6Diax12	---	13.8	28.28	41	3248	---	Non Engraved
5	---	3	12	2022	6Diax12	---	13.8	28.28	61	4832	---	Non Engraved
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

4407
Dr. Yousaf

To: Engr. Muhammad Waqas
Project Engineer, DESIGN MATRIX

Project: Nil

Our Ref. No. CL/CED/ 637 **Dated:** 16/12/2022 **Test Specification**

Your Ref. No. DM/3000/ES **Dated:** 13/12/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13/12/2022 **Tested on:** 16/12/2022 **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	---	11	11	2022	6x6x6	---	8.6	36	78	4853	---	Non Engraved
2	---	11	11	2022	6x6x6	---	8.4	36	75	4667	---	Non Engraved
3	---	8	11	2022	6x6x6	---	8.4	36	69	4293	---	Non Engraved
4	---	8	11	2022	6x6x6	---	8.6	36	80	4978	---	Non Engraved
5	---	21	11	2022	6x6x6	---	8.4	36	52	3236	---	Non Engraved
6	---	21	11	2022	6x6x6	---	8.8	36	58	3609	---	Non Engraved
7		27	11	2022	6x6x6	---	8.4	36	49	3049	---	Non Engraved
8	---	27	11	2022	6x6x6	---	8.2	36	49	3049	---	Non Engraved
9	---	2	12	2022	6x6x6	---	8.6	36	68	4231	---	Non Engraved
10	---	2	12	2022	6x6x6	---	8.6	36	70	4356	---	Non Engraved
11	---	5	12	2022	6x6x6	---	8.6	36	56	3484	---	Non Engraved
12	---	5	12	2022	6x6x6	---	8.4	36	69	4293	---	Non Engraved
13	---	6	12	2022	6x6x6	---	8.4	36	59	3671	---	Non Engraved
14	---	6	12	2022	6x6x6	---	8.2	36	63	3920	---	Non Engraved
15	---	---	---	---	---	---	---	---	---	---	---	---
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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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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.

4349
Dr. Yousaf

To: Sub Divisional Officer
Buildings Sub Division, Hafizabad

Project: The Work "Upgradation of D.H.Q. Hospital Hafizabad (Group No. 1) Construction of Main Hospital Block No. 1 I/C Covered Passage Between Block No. 1 & Block No. 2

Our Ref. No. CL/CED/ 638 Dated: 16/12/2022 **Test Specification**

Your Ref. No. 1881/Hz Dated: 26/11/2022 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 02/12/2022 **Tested on:** 16/12/2022 **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	Machine Made Double Line	---	---	---	8.6 x 4 x 2.6	---	2235	34.4	30	1953	---	---
2	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.7	---	2765	36.54	26	1594	---	---
3	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	---	2805	36.54	35	2146	---	---
4	Machine Made Double Line	---	---	---	8.5 x 4.3 x 2.8	---	2745	36.55	45	2758	---	---
5	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	---	2775	36.54	32	1962	---	---
6	Machine Made Double Line	---	---	---	8.6 x 4.2 x 2.8	---	2730	36.12	36	2233	---	---
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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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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.

4349
Dr. Yousaf

To: Sub Divisional Officer
Buildings Sub Division, Hafizabad

Project: The Work "Upgradation of D.H.Q. Hospital Hafizabad (Group No. 4) Construction of Boundary Wall 9" Thick 8' Height

Our Ref. No. CL/CED/ 639 **Dated:** 16/12/2022 **Test Specification**

Your Ref. No. 1882/Hz **Dated:** 26/11/2022 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 02/12/2022 **Tested on:** 16/12/2022 **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	Machine Made Double Line	---	---	---	8.6 x 4.3 x 2.7	---	2795	36.98	36	2181	---	---
2	Machine Made Double Line	---	---	---	8.6 x 4.3 x 2.8	---	2785	36.98	42	2544	---	---
3	Machine Made Double Line	---	---	---	8.6 x 4.4 x 2.8	---	2795	37.84	38	2249	---	---
4	Machine Made Double Line	---	---	---	8.6 x 4.4 x 2.8	---	2785	37.84	42	2486	---	---
5	Machine Made Double Line	---	---	---	8.7 x 4.3 x 2.8	---	2830	37.41	38	2275	---	---
6	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	---	2765	36.54	40	2452	---	---
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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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

4350
Dr. Yousaf

To: Engr. Muhammad Husnain
Resident Engineer, Daanish School Taunsa Project, Associated Consulting Engineers ACE Limite

Project: Establishment of Daanish School at Taunsa D.G.Khan (Face Work in Front of Building) (M/s Zarif Khan Hussain Zai & Brothers (ZKHB).

Our Ref. No. CL/CED/ 640 Dated: 16/12/2022 Test Specification

Your Ref. No. ARTS/DTS/2022-638 Dated: 30/11/2022 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 02/12/2022 **Tested on:** 16/12/2022 **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	Gutka	---	---	---	9 x 2.2 x 2.2	---	1240	19.8	28	3168	---	---
2	Gutka	---	---	---	8.8 x 2.2 x 2.2	---	1270	19.36	35	4050	---	---
3	Gutka	---	---	---	9 x 2.1 x 2.2	---	1320	18.9	40	4741	---	---
4	Gutka	---	---	---	8.8 x 2.2 x 2.2	---	1275	19.36	42	4860	---	---
5	Gutka	---	---	---	9 x 2.2 x 2.3	---	1300	19.8	30	3394	---	---
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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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**