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.

8275
Dr. Qasim Khan

To: Mr. Muhammad Imran
Senior Project Manager, Infrastructure Development Authority of Punjab (IDAP)

Project: Nil

Our Ref. No. CL/CED/ 6528 **Dated:** 20/11/2024

Your Ref. No. PD(NSICTR)/PACKAGE-C/2024/20720 **Dated:** 20/11/2024

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20-11-24 **Tested on:** 20/11/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	TETRA Batching Plant- 520 kg/m3	13	11	2024	6Diax12	---	14.6	28.28	62	4911	---	Non Engraved
2	TETRA Batching Plant- 520 kg/m3	13	11	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
3	TETRA Batching Plant- 520 kg/m3	13	11	2024	6Diax12	---	13.8	28.28	61	4832	---	Non Engraved
4	TETRA Batching Plant- 460 kg/m3	13	11	2024	6Diax12	---	14.6	28.28	57	4515	---	Non Engraved
5	TETRA Batching Plant- 460 kg/m3	13	11	2024	6Diax12	---	14	28.28	61	4832	---	Non Engraved
6	TETRA Batching Plant- 460 kg/m3	13	11	2024	6Diax12	---	14	28.28	60	4752	---	Non Engraved
7	Project Site Pkg C-520 kg/m3	13	11	2024	6Diax12	---	14.2	28.28	62	4911	---	Non Engraved
8	Project Site Pkg C-520 kg/m3	13	11	2024	6Diax12	---	14.6	28.28	68	5386	---	Non Engraved
9	Project Site Pkg C-520 kg/m3	13	11	2024	6Diax12	---	15	28.28	60	4752	---	Non Engraved
10	Project Site Pkg C-460 kg/m3	13	11	2024	6Diax12	---	14	28.28	57	4515	---	Non Engraved
11	Project Site Pkg C-460 kg/m3	13	11	2024	6Diax12	---	14.2	28.28	57	4515	---	Non Engraved
12	Project Site Pkg C-460 kg/m3	13	11	2024	6Diax12	---	14.6	28.28	59	4673	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Mumtaz Rafi Ullah, CNIC 32202-9301013-9; Mr. Hamza Ahsan, CNIC 35201-5545589-5

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

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

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

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

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

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ORIGINAL
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8262
Dr. M. Mazhar

To: Mr. Tasawar Riaz
Director, Multiline Engineers, Gujrat

Project: RO Tanks Foundation, Unilever Foods

Our Ref. No. CL/CED/ 6529 **Dated:** 20/11/2024

Your Ref. No. Nil **Dated:** 18/11/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19/11/2024 **Tested on:** 20/11/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	RO Tank Foundation 2	2	11	2024	6Diax12	---	13.2	28.28	40	3168	---	Engarved
2	---	---	---	---	---	---	---	---	---	---	---	---
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**

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ORIGINAL
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8262
Dr. M. Mazhar

To: Mr. Tasawar Riaz
Director, Multiline Engineers, Gujrat

Project: RO Tanks Foundation, Unilever Foods

Our Ref. No. CL/CED/ 6530 **Dated:** 20/11/2024

Your Ref. No. Nil **Dated:** 18/11/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19/11/2024 **Tested on:** 20/11/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	RO Tanks Foundation 1	1	11	2024	6Diax12	---	12	28.28	38	3010	---	Engarved
2	---	---	---	---	---	---	---	---	---	---	---	---
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)
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ORIGINAL
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8262
Dr. M. Mazhar

To: Mr. Tasawar Riaz
Director, Multiline Engineers, Gujrat

Project: RO Tanks Foundation, Unilever Foods

Our Ref. No. CL/CED/ 6531 **Dated:** 20/11/2024

Your Ref. No. Nil **Dated:** 18/11/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19/11/2024 **Tested on:** 20/11/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	RO Tanks Foundation	22	10	2024	6Diax12	---	12	28.28	20	1584	---	Engarved
2	RO Tanks Foundation	22	10	2024	6Diax12	---	12.2	28.28	22	1743	---	Engarved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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ORIGINAL
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8222
Dr. M. Mazhar

To: M R BUILDERS Architects, Engineers Interior Designers
Shadman Plaza Lahore.

Project: Ground Floor Slab at ABL SABZAZAR SCHEME BRANCH, LAHORE

Our Ref. No. CL/CED/ 6532 **Dated:** 20/11/2024

Your Ref. No. Nil **Dated:** 11-11-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/11/2024 **Tested on:** 20/11/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	3000 Psi	11	10	2024	6Diax12	---	13.2	28.28	58	4594	---	Non Engraved
2	3000 Psi	11	10	2024	6Diax12	---	13.8	28.28	46	3644	---	Non Engraved
3	3000 Psi	11	10	2024	6Diax12	---	14	28.28	54	4277	---	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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ORIGINAL
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8222
Dr. M. Mazhar

To: M R BUILDERS Architects, Engineers Interior Designers
Shadman Plaza Lahore.

Project: 1ST Floor Columns at ABL SABZAZAR SCHEME BRANCH, LAHORE

Our Ref. No. CL/CED/ 6533 **Dated:** 20/11/2024

Your Ref. No. Nil **Dated:** 11-10-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/11/2024 **Tested on:** 20/11/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	14	10	2024	6Diax12	---	14	28.28	74	5861	---	Non Engraved
2	4000 Psi	14	10	2024	6Diax12	---	14	28.28	105	8317	---	Non Engraved
3	4000 Psi	14	10	2024	6Diax12	---	14	28.28	56	4436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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Dr. M. Mazhar

To: M R BUILDERS Architects, Engineers Interior Designers
Shadman Plaza Lahore.

Project: 1ST Floor SLAB at ABL SABZAZAR SCHEME BRANCH, LAHORE

Our Ref. No. CL/CED/ 6534 **Dated:** 20/11/2024

Your Ref. No. Nil **Dated:** 11-10-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/11/2024 **Tested on:** 20/11/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	3000 Psi	2	11	2024	6Diax12	---	14	28.28	52	4119	---	Non Engraved
2	3000 Psi	2	11	2024	6Diax12	---	14.6	28.28	60	4752	---	Non Engraved
3	3000 Psi	2	11	2024	6Diax12	---	13.4	28.28	60	4752	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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8253
Dr. M. Mazhar

To: Mr. MUHAMMAD AZHAR AKHTAR
Resident Engineer, NESPAK (Pvt) Ltd JV TurkPak (Pvt) Ltd.

Project: Construction of NEW GOR NEAR DHA PHASE-IX, LAHORE.

Our Ref. No. CL/CED/ 6535 Dated: 20/11/2024

Your Ref. No. 4769/13/MAA/24/73 Dated: 14/11/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/11/2024 Tested on: 20/11/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	7	11	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
2	4000 Psi	7	11	2024	6Diax12	---	14	28.28	54	4277	---	Non Engraved
3	4000 Psi	7	11	2024	6Diax12	---	14	28.28	58	4594	---	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.

8230
Dr. M. Mazhar

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd.

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 6536 **Dated:** 20/11/2024 **Test Specification**

Your Ref. No. 4580/13/AA/01/33023 **Dated:** 12-11-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/11/2024 **Tested on:** 20/11/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Test Pile (4000 Psi)	6	11	2024	6Diax12	---	13.6	28.28	40	3168	---	Non Engraved
2	Test Pile (4000 Psi)	6	11	2024	6Diax12	---	14	28.28	40	3168	---	Non Engraved
3	Test Pile (4000 Psi)	6	11	2024	6Diax12	---	14	28.28	42	3327	---	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.

8248
Dr. M. Mazhar

To: Mr. Waqas Ali
VARIANT, 25-t gulberg 2, Lahore

Project: 11th Floor Slab Pour-2

Our Ref. No. CL/CED/ 6537 Dated: 20/11/2024

Your Ref. No. VA/29/175 Dated: 15/11/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15/11/2024 Tested on: 20/11/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	11th Floor Slab Pour-2	11	9	2024	6Diax12	---	13.2	28.28	74	5861	---	Non Engraved
2	11th Floor Slab Pour-2	11	9	2024	6Diax12	---	13.6	28.28	66	5228	---	Non Engraved
3	11th Floor Slab Pour-2	11	9	2024	6Diax12	---	14.4	28.28	85	6733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Babar Ali, CNIC 35201-9967694-3

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

8250
Dr. M. Mazhar

To: Project Manager
SUNSHINE HEALTHCARE Private Limited

Project: SUNSHINE MEDICAL TOWER SHAHDRA

Our Ref. No. CL/CED/ 6538 Dated: 20/11/2024

Your Ref. No. Nil Dated: 15/11/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/11/2024 Tested on: 20/11/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Wall Water Dipped	30	10	2024	6Diax12	---	13.2	28.28	74	5861	---	Engraved
2	Wall Water Dipped	30	10	2024	6Diax12	---	13.2	28.28	46	3644	---	Engraved
3	Wall Field Curing	30	10	2024	6Diax12	---	13	28.28	79	6257	---	Engraved
4	Wall Field Curing	30	10	2024	6Diax12	---	13.4	28.28	77	6099	---	Engraved
5	Slab Water Dipped	4	11	2024	6Diax12	---	14.4	28.28	58	4594	---	Engraved
6	Slab Water Dipped	4	11	2024	6Diax12	---	13.8	28.28	58	4594	---	Engraved
7	Slab Field Curing	4	11	2024	6Diax12	---	14.4	28.28	56	4436	---	Engraved
8	Slab Field Curing	4	11	2024	6Diax12	---	14.6	28.28	58	4594	---	Engraved
9	Slab Water Dipped	6	11	2024	6Diax12	---	14	28.28	48	3802	---	Engraved
10	Slab Water Dipped	6	11	2024	6Diax12	---	14	28.28	60	4752	---	Engraved
11	Slab Field Curing	6	11	2024	6Diax12	---	14	28.28	60	4752	---	Engraved
12	Slab Field Curing	6	11	2024	6Diax12	---	14	28.28	58	4594	---	Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

8246
Dr. M. Mazhar

To: Mr. Muhammad Saeed Akhtar
Manager Civil, HSM Engineering, Punjab Industrial Estate #4, Bhanpur Gujranwala

Project: Construction of Diesel Storage Tank at Attock Petroleum Railway Road Sialkot (Askari iv)

Our Ref. No. CL/CED/ 6539 **Dated:** 20/11/2024

Your Ref. No. Nil **Dated:** 15/11/2024

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 15/11/2024 **Tested on:** 20/11/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Tank Bed Conc. (3000 Psi)	30	9	2024	6x6x6	---	8.4	36	77	4791	---	Non Engraved
2	Tank Bed Conc. (3000 Psi)	30	9	2024	6x6x6	---	9	36	74	4604	---	Non Engraved
3	Tank Bed Conc. (3000 Psi)	30	9	2024	6x6x6	---	8.2	36	77	4791	---	Non Engraved
4	Tank Wall Conc. (3000 Psi)	14	10	2024	6x6x6	---	8	36	85	5289	---	Non Engraved
5	Tank Wall Conc. (3000 Psi)	14	10	2024	6x6x6	---	9	36	85	5289	---	Non Engraved
6	Tank Wall Conc. (3000 Psi)	14	10	2024	6x6x6	---	8.8	36	79	4916	---	Non Engraved
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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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3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

8264
Dr. M. Mazhar

To: Mr. Javed Iqbal
Site Supervisor, Pakistan Rangers (Punjab), Ghazi Road, Lahore

Project: Construction of Nursing, Dental College, Boys & Girls Hostel

Our Ref. No. CL/CED/ 6540 Dated: 20/11/2024

Your Ref. No. 2231/Works Dated: 05-11-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 19/11/2024 Tested on: 20/11/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	RCC Slab	20	10	2024	6x6x6	---	8.8	36	56	3484	---	Non Engraved
2	RCC Slab	20	10	2024	6x6x6	---	8.6	36	70	4356	---	Non Engraved
3	RCC Slab	20	10	2024	6x6x6	---	9	36	62	3858	---	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
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4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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