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.

8516
Dr. M. Yousaf

To: **Mr. Mahbub Ur Rehman**
Project Manager, 7Canal Developers, Gulberg 2, Lahore

Project: 7 Canal Residential Apartment Buildings

Our Ref. No. CL/CED/ 6930 **Dated: 1/2/2025** **Test Specification**

Your Ref. No. Nil **Dated: 26/12/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 27/12/2024 **Tested on:** 1/2/2025 **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	---	12	12	2024	6Diax12	---	14	28.28	56	4436	---	Engraved
2	---	12	12	2024	6Diax12	---	14	28.28	46	3644	---	Engraved
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Witnessed by: Mr. Shabbir Hussain

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
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8497
Dr. M. Yousaf

To: Mr. Muhammad Mohsin
Resident Engineer, Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd.

Project: SPECIAL REPAIR TO SUPREME COURT OF PAKISTAN LAHORE REGISTRY

Our Ref. No. CL/CED/ 6931 **Dated: 1/2/2025** **Test Specification**

Your Ref. No. 4815/11/MM/01/17 **Dated: 20/12/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 24/12/2024 **Tested on:** 1/2/2025 **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	Manhole Base Slab (1:2:4)	8	11	2024	6Diax12	---	13	28.28	62	4911	---	Engraved
2	Manhole Base Slab (1:2:4)	8	11	2024	6Diax12	---	13	28.28	48	3802	---	Engraved
3	Manhole Base Slab (1:2:4)	8	11	2024	6Diax12	---	13	28.28	54	4277	---	Engraved
4	Slab on Grade (1:2:4)	10	11	2024	6Diax12	---	13	28.28	36	2851	---	Engraved
5	Slab on Grade (1:2:4)	10	11	2024	6Diax12	---	13	28.28	38	3010	---	Engraved
6	Slab on Grade (1:2:4)	10	11	2024	6Diax12	---	13	28.28	42	3327	---	Engraved
7	Manhole Top Slab (1:2:4)	22	11	2024	6Diax12	---	12.8	28.28	34	2693	---	Non Engraved
8	Manhole Top Slab (1:2:4)	22	11	2024	6Diax12	---	12.8	28.28	36	2851	---	Non Engraved
9	Manhole Top Slab (1:2:4)	22	11	2024	6Diax12	---	12.8	28.28	30	2376	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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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.

8515
Dr. Umbreen

To: Project Manager
SUNSHINE HEALTH CARE Private Limited

Project: SUNSHINE MEDICAL TOWER SHAHDRA

Our Ref. No. CL/CED/ 6932-1 of 2 Dated: 1/2/2025 Test Specification

Your Ref. No. Nil Dated: 24/12/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 27/12/2024 Tested on: 1/2/2025 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	Column Water Dipped	13	11	2024	6Diax12	---	13.4	28.28	66	5228	---	Engraved
2	Column Water Dipped	13	11	2024	6Diax12	---	14	28.28	77	6099	---	Engraved
3	Column Field Curing	13	11	2024	6Diax12	---	14	28.28	73	5782	---	Engraved
4	Column Field Curing	13	11	2024	6Diax12	---	14	28.28	71	5624	---	Engraved
5	Slab Water Dipped	13	11	2024	6Diax12	---	14	28.28	72	5703	---	Engraved
6	Slab Field Curing	13	11	2024	6Diax12	---	13.8	28.28	76	6020	---	Engraved
7	Slab Water Dipped	4	12	2024	6Diax12	---	14	28.28	54	4277	---	Engraved
8	Slab Water Dipped	4	12	2024	6Diax12	---	13.4	28.28	52	4119	---	Engraved
9	Slab Field Curing	4	12	2024	6Diax12	---	13.8	28.28	58	4594	---	Engraved
10	Slab Field Curing	4	12	2024	6Diax12	---	14	28.28	60	4752	---	Engraved
11	Column Water Dipped	4	12	2024	6Diax12	---	14	28.28	62	4911	---	Engraved
12	Column Water Dipped	4	12	2024	6Diax12	---	14	28.28	73	5782	---	Engraved
13	Column Field Curing	4	12	2024	6Diax12	---	14	28.28	77	6099	---	Engraved
14	Column Field Curing	4	12	2024	6Diax12	---	14	28.28	64	5069	---	Engraved
15	Column Water Dipped	8	12	2024	6Diax12	---	13.4	28.28	74	5861	---	Engraved
16	Column Water Dipped	8	12	2024	6Diax12	---	14	28.28	74	5861	---	Engraved

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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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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8515
Dr. Umbreen

To: Project Manager
SUNSHINE HEALTH CARE Private Limited

Project: SUNSHINE MEDICAL TOWER SHAHDRA

Our Ref. No. CL/CED/ 6932-2 of 2 Dated: 1/2/2025 **Test Specification**

Your Ref. No. Nil Dated: 24/12/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 27/12/2024 Tested on: 1/2/2025 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	Column Field Curing	8	12	2024	6Diax12	---	14	28.28	85	6733	---	Engraved
2	Column Field Curing	8	12	2024	6Diax12	---	14	28.28	83	6574	---	Engraved
3	Slab Water Dipped	10	12	2024	6Diax12	---	13	28.28	44	3485	---	Engraved
4	Slab Water Dipped	10	12	2024	6Diax12	---	13	28.28	58	4594	---	Engraved
5	Slab Field Curing	10	12	2024	6Diax12	---	13.4	28.28	48	3802	---	Engraved
6	Slab Field Curing	10	12	2024	6Diax12	---	13.4	28.28	78	6178	---	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.

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ORIGINAL
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8540
Dr. Umbreen

To: AJ Contractors (Pvt) Ltd
Ex-Park View, Lahore.

Project: TAWAL Project Site ID: TWPLHR0166 (Tower Raft + Solar Raft)

Our Ref. No. CL/CED/ 6933 **Dated: 1/2/2025** **Test Specification**

Your Ref. No. AJ/Contractor/Cubes/Tawal/51 **Dated: 14/11/2024** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 31/12/2024 **Tested on:** 1/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(1:1.5:3)	17	10	2024	6x6x6	---	8.6	36	64	3982	---	Non Engraved
2	(1:1.5:3)	17	10	2024	6x6x6	---	8.8	36	60	3733	---	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
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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**

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ORIGINAL
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8540
Dr. Umbreen

To: AJ Contractors (Pvt) Ltd
Ex-Park View, Lahore.

Project: TAWAL Project Site ID: TWPLHR0166 (Tower Columns + Solar Columns)

Our Ref. No. CL/CED/ 6934 **Dated: 1/2/2025** **Test Specification**

Your Ref. No. AJ/Contractor/Cubes/Tawal/52 **Dated: 16/11/2024** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 31/12/2024 **Tested on:** 1/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(1:1.5:3)	19	10	2024	6x6x6	---	8.4	36	66	4107	---	Non Engraved
2	(1:1.5:3)	19	10	2024	6x6x6	---	8.6	36	66	4107	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as 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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8540
Dr. Umbreen

To: AJ Contractors (Pvt) Ltd
Ex-Park View, Lahore.

Project: TAWAL Project Site ID: TWPLHR0166 (OPU PAD)

Our Ref. No. CL/CED/ 6935 **Dated: 1/2/2025** **Test Specification**

Your Ref. No. AJ/Contractor/Cubes/Tawal/53 **Dated: 19/11/2024** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 31/12/2024 **Tested on:** 1/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(1:1.5:3)	22	10	2024	6x6x6	---	9	36	66	4107	---	Non Engraved
2	(1:1.5:3)	22	10	2024	6x6x6	---	8.6	36	74	4604	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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**

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ORIGINAL
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8540
Dr. Umbreen

To: AJ Contractors (Pvt) Ltd
Ex-Park View, Lahore.

Project: TAWAL Project Site ID: TWPPSH0011 (Solar Foundation + Columns)

Our Ref. No. CL/CED/ 6936 **Dated: 1/2/2025** **Test Specification**

Your Ref. No. AJ/Contractor/Cubes/Tawal/54 **Dated: 19/12/2024** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 31/12/2024 **Tested on:** 1/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(1:1.5:3)	12	12	2024	6x6x6	---	8.2	36	68	4231	---	Non Engraved
2	(1:1.5:3)	12	12	2024	6x6x6	---	8.2	36	77	4791	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8540
Dr. Umbreen

To: AJ Contractors (Pvt) Ltd
Ex-Park View, Lahore.

Project: TAWAL Project Site ID: TWPPSH0012 (Solar Foundation + Columns)

Our Ref. No. CL/CED/ 6937 **Dated: 1/2/2025** **Test Specification**

Your Ref. No. AJ/Contractor/Cubes/Tawal/55 **Dated: 12/12/2024** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 31/12/2024 **Tested on:** 1/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(1:1.5:3)	5	12	2024	6x6x6	---	8.6	36	36	2240	---	Non Engraved
2	(1:1.5:3)	5	12	2024	6x6x6	---	8.8	36	73	4542	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

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

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

8540
Dr. Umbreen

To: AJ Contractors (Pvt) Ltd
Ex-Park View, Lahore.

Project: TAWAL Project Site ID: TWPPSH0018 (Solar Foundation + Columns)

Our Ref. No. CL/CED/ 6938 **Dated: 1/2/2025** **Test Specification**

Your Ref. No. AJ/Contractor/Cubes/Tawal/56 **Dated: 12/16/2024** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 31/12/2024 **Tested on:** 1/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(1:1.5:3)	9	12	2024	6x6x6	---	8.8	36	73	4542	---	Non Engraved
2	(1:1.5:3)	9	12	2024	6x6x6	---	8	36	32	1991	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

8540
Dr. Umbreen

To: AJ Contractors (Pvt) Ltd
Ex-Park View, Lahore.

Project: TAWAL Project Site ID: TWPSWB0001 (Solar Foundation + Columns)

Our Ref. No. CL/CED/ 6939 **Dated: 1/2/2025** **Test Specification**

Your Ref. No. AJ/Contractor/Cubes/Tawal/57 **Dated: 12/3/2024** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 31/12/2024 **Tested on:** 1/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(1:1.5:3)	26	11	2024	6x6x6	---	8	36	34	2116	---	Non Engraved
2	(1:1.5:3)	26	11	2024	6x6x6	---	8.8	36	36	2240	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

8540
Dr. Umbreen

To: AJ Contractors (Pvt) Ltd
Ex-Park View, Lahore.

Project: TAWAL Project Site ID: TWPSFSD0008 (Solar Foundation + Columns)

Our Ref. No. CL/CED/ 6940 **Dated: 1/2/2025** **Test Specification**

Your Ref. No. AJ/Contractor/Cubes/Tawal/58 **Dated: 12/24/2024** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 31/12/2024 **Tested on:** 1/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(1:1.5:3)	17	12	2024	6x6x6	---	8.6	36	64	3982	---	Non Engraved
2	(1:1.5:3)	17	12	2024	6x6x6	---	9	36	53	3298	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8540
Dr. Umbreen

To: AJ Contractors (Pvt) Ltd
Ex-Park View, Lahore.

Project: TAWAL Project Site ID: TWPSFSD0009 (Solar Foundation + Columns)

Our Ref. No. CL/CED/ 6941 **Dated: 1/2/2025** **Test Specification**

Your Ref. No. AJ/Contractor/Cubes/Tawal/59 **Dated: 12/22/2024** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 31/12/2024 **Tested on:** 1/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(1:1.5:3)	15	12	2024	6x6x6	---	8	36	36	2240	---	Non Engraved
2	(1:1.5:3)	15	12	2024	6x6x6	---	9	36	52	3236	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

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

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

8544
Dr. Umbreen

To: Assistant Resident Engineer
Engineering Consultancy Services Punjab (Pvt) Ltd

Project: Establishment of District Integrated Command, Control, & Communication (DIC3) Centers in Eighteen Cities (Smart Safe Cities Project Phase-I)

Our Ref. No. CL/CED/ 6942 Dated: 1/2/2025 **Test Specification**

Your Ref. No. ECSP/DIC3/24-61 Dated: 30/12/2024 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 31/12/2024 **Tested on:** 1/2/2025 **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	Sargodha Pole Fnd (1:2:4)	29	10	2024	6x6x6	---	7.8	36	22	1369	---	Non Engraved
2	Sargodha Pole Fnd (1:2:4)	30	10	2024	6x6x6	---	7.8	36	22	1369	---	Non Engraved
3	Sargodha Pole Fnd (1:2:4)	4	11	2024	6x6x6	---	8	36	28	1742	---	Non Engraved
4	Sargodha Pole Fnd (1:2:4)	6	11	2024	6x6x6	---	8	36	34	2116	---	Non Engraved
5	Sargodha Pole Fnd (1:2:4)	7	11	2024	6x6x6	---	7.8	36	24	1493	---	Non Engraved
6	Sargodha Pole Fnd (1:2:4)	9	11	2024	6x6x6	---	7.8	36	26	1618	---	Non Engraved
7	Sargodha Pole Fnd (1:2:4)	13	11	2024	6x6x6	---	8	36	18	1120	---	Non Engraved
8	Sargodha Pole Fnd (1:2:4)	16	11	2024	6x6x6	---	7.7	36	34	2116	---	Non Engraved
9	Sargodha Pole Fnd (1:2:4)	18	11	2024	6x6x6	---	8	36	44	2738	---	Non Engraved
10	Sargodha Pole Fnd (1:2:4)	20	11	2024	6x6x6	---	8	36	40	2489	---	Non Engraved
11	Sargodha Pole Fnd (1:2:4)	27	11	2024	6x6x6	---	8	36	46	2862	---	Non Engraved
12	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

8544
Dr. Umbreen

To: Assistant Resident Engineer
Engineering Consultancy Services Punjab (Pvt) Ltd

Project: Establishment of District Integrated Command, Control, & Communication (DIC3) Centers in Eighteen Cities (Smart Safe Cities Project Phase-I)

Our Ref. No. CL/CED/ 6943 Dated: 1/2/2025

Your Ref. No. ECSP/DIC3/24-62 Dated: 30/12/2024

Test Specification (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 31/12/2024 Tested on: 1/2/2025 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	Sialkot Pole Fnd (1:2:4)	1	10	2024	6x6x6	---	7.8	36	18	1120	---	Non Engraved
2	Sialkot Pole Fnd (1:2:4)	3	10	2024	6x6x6	---	7.8	36	22	1369	---	Non Engraved
3	Sialkot Pole Fnd (1:2:4)	7	10	2024	6x6x6	---	8	36	48	2987	---	Non Engraved
4	Sialkot Pole Fnd (1:2:4)	11	10	2024	6x6x6	---	7.8	36	52	3236	---	Non Engraved
5	Sialkot Pole Fnd (1:2:4)	15	10	2024	6x6x6	---	8	36	36	2240	---	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 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.

8531
Dr. Umbreen

To: S & S Associates
Johar Town, Lahore.

Project: New Cafeteria Construction (PEB SHED) at DESIGNTEX in STML-8 Building

Our Ref. No. CL/CED/ 6944 **Dated: 1/2/2025** **Test Specification**

Your Ref. No. STML/PBS/056 **Dated: 30/12/2024** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 30/12/2024 **Tested on:** 1/2/2025 **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	Column (C-30)	5	12	2024	6x6x6	---	8.2	36	54	3360	---	Non Engraved
2	Column (C-30)	5	12	2024	6x6x6	---	8	36	60	3733	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8394
Dr. Umbreen

To: Major Pir Faraz Shah
for Commanding Officer, 109 Engineer Battalion Okara Cantonment

Project: Nil

Our Ref. No. CL/CED/ 6945 **Dated:** 1/2/2025 **Test Specification**

Your Ref. No. 607/Material Testing/Project **Dated:** 12/11/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 12/11/2024 **Tested on:** 1/2/2025 **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	OK	---	---	---	8.7 x 4.3 x 2.8	3325	2955	37.41	46	2754	12.52	---
2	OK	---	---	---	8.8 x 4.3 x 3	3515	3065	37.84	32	1894	14.68	---
3	OK	---	---	---	8.9 x 4.3 x 2.9	3325	2935	38.27	36	2107	13.29	---
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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.

8470
Dr. Umbreen

To: Assistant Project Director
PMU-SBP, Sargodha

Project: Rehabilitation of Sir Syed Sports Complex Mela Mandi Sargodha (GS No. 183)

Our Ref. No. CL/CED/ 6946 Dated: 1/2/2025 **Test Specification**

Your Ref. No. ADP/PMU/SBP/SGD/720 Dated: 16/12/2024 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 12/20/2024 **Tested on:** 1/2/2025 **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	---	---	---	8.5 x 4.1 x 2.5	---	2545	34.85	52	3342	---	---
2	Machine Made Double Line	---	---	---	8.4 x 4 x 2.4	---	2515	33.6	52	3467	---	---
3	Machine Made Double Line	---	---	---	8.5 x 4.1 x 2.8	---	2500	34.85	51	3278	---	---
4	Machine Made Double Line	---	---	---	8.6 x 4.1 x 2.7	---	2420	35.26	58	3685	---	---
5	Machine Made Double Line	---	---	---	8.6 x 4.1 x 2.8	---	2465	35.26	50	3176	---	---
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Witnessed by:

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

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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
A carbon copy for the report has been retained in the lab for record.

8561
Dr. Umbreen

To: **Mr. Sameer Ahmad**
Bin Basra Associates, Lahore.

Project: 421 G4 Johar Town, Lahore.

Our Ref. No. CL/CED/ 6947 **Dated: 1/2/2025** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 1/2/2025 Tested on: 1/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.3	---	2385	29.64	22	1663	---	---
2	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.3	---	2500	29.64	34	2570	---	---
3	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.3	---	2460	29.64	24	1814	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

8553
Dr. M. Yousaf

To: Resident Engineer
NESPAK (Pvt) Ltd.

Project: Construction of Platform along with Allied Services for TPS-77, MRR Radar at Kirana Top at PAF Base Mushaf.

Our Ref. No. CL/CED/ 6948 Dated: 1/2/2025

Your Ref. No. 4800/321/SS/01/01 Dated: 12/30/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 1/1/2025 Tested on: 1/2/2025 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	F-3 @ Grid A-1	2	12	2024	6Diax12	---	13.4	28.28	63	4990	---	Non Engraved
2	F-3 @ Grid F-1	2	12	2024	6Diax12	---	14	28.28	51	4040	---	Non Engraved
3	F-4 @ Grid B-2	2	12	2024	6Diax12	---	13.6	28.28	56	4436	---	Non Engraved
4	F-2 @ Grid E-2	2	12	2024	6Diax12	---	13.6	28.28	60	4752	---	Non Engraved
5	F-3 @ Grid B-3	2	12	2024	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
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Witnessed by: Nil

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

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ORIGINAL
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8553
Dr. M. Yousaf

To: Resident Engineer
NESPAK (Pvt) Ltd.

Project: Construction of Platform along with Allied Services for TPS-77, MRR Radar at Kirana Top at PAF Base Mushaf.

Our Ref. No. CL/CED/ 6949 Dated: 1/2/2025

Your Ref. No. 4800/321/SS/01/02 Dated: 12/30/2024

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 1/1/2025 Tested on: 1/2/2025 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	F-1 @ Grid B-4	19	12	2024	6Diax12	---	14	28.28	56	4436	---	Non Engraved
2	F-1 @ Grid D-4	19	12	2024	6Diax12	---	14.4	28.28	62	4911	---	Non Engraved
3	F-3 @ Grid C-6	19	12	2024	6Diax12	---	14.4	28.28	54	4277	---	Non Engraved
4	F-1 @ Grid D-6	19	12	2024	6Diax12	---	14	28.28	51	4040	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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