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.

7574
Dr. Umbreen

To: Mr. Zeeshan Asghar
GM Project, ALBARIO ENGINEERING (PVT) LTD.

Project: Mangla Refurbishment Project. (Generator Stator Sole Plate Unit-4 in Mangla Power House.)

Our Ref. No. CL/CED/ 5502 Dated: 09-08-24 Test Specification

Your Ref. No. AEPL-MRP-3&4-08 Dated: 06-08-24 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 08-08-24 Tested on: 09-08-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Sika Grout-275 (Generator Plate)	3	8	2024	2x2x2	---	295	4	10	5600	---	Non Engraved
2	Sika Grout-275 (Lower Bracket)	3	8	2024	2x2x2	---	295	4	11	6160	---	Non Engraved
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Witnessed by: Nil

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

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

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

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

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

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

7569
Dr. Umbreen

To: Asstt: Executive Engineer-IV
Central Civil Division No.II, Pak P.W.D., Lahore.

Project: Construction of PCC, Soling, Nallah and Drain at UC Marrh Balochan, District Nankana Sahib (06/38) (01/62)

Our Ref. No. CL/CED/ 5503 Dated: 09-08-24

Your Ref. No. AEE-IV/LCCD-II/SAP/52 Dated: 14-05-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 07-08-24 Tested on: 09-08-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	PCC (1:2:4)	11	4	2024	6x6x6	---	8.4	36	76	4729	---	Non Engraved
2	PCC (1:2:4)	11	4	2024	6x6x6	---	8.8	36	52	3236	---	Non Engraved
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Witnessed by: Nil

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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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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7569
Dr. Umbreen

To: Asstt: Executive Engineer-IV
Central Civil Division No.II, Pak P.W.D., Lahore.

Project: Construction of PCC, Soling, Nallah and Drain at UC Badomali, District Nankana Sahib (07/38) (02/62)

Our Ref. No. CL/CED/ 5504 Dated: 09-08-24 **Test Specification**

Your Ref. No. AEE-IV/LCCD-II/SAP/05 Dated: 13-11-23 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 07-08-24 **Tested on:** 09-08-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	PCC (1:2:4)	10	10	2023	6x6x6	---	9	36	58	3609	---	Non Engraved
2	PCC (1:2:4)	10	10	2023	6x6x6	---	9	36	76	4729	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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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7548
Dr. M. Yousaf

To: Mr. Umer Maqsood
Project Manager, PAKMIX Ready Mix Concrete.

Project: Construction of JDW Tower Gulberg Lahore. (Contractor: AJK Engineer Pvt. Ltd.)

Our Ref. No. CL/CED/ 5505 **Dated:** 09-08-24

Your Ref. No. Nil **Dated:** 05-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-08-24 **Tested on:** 07-08-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Pile No. 75 (4000 Psi)	7	7	2024	6Diax12	---	14	28.28	45	3564	---	Non Engraved
2	Pile No. 75 (4000 Psi)	7	7	2024	6Diax12	---	13.4	28.28	46	3644	---	Non Engraved
3	Pile No. 75 (4000 Psi)	7	7	2024	6Diax12	---	14	28.28	29	2297	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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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7548
Dr. M. Yousaf

To: Mr. Umer Maqsood
Project Manager, PAKMIX Ready Mix Concrete.

Project: Construction of JDW Tower Gulberg Lahore. (Contractor: AJK Engineer Pvt. Ltd.)

Our Ref. No. CL/CED/ 5506 **Dated:** 09-08-24

Your Ref. No. Nil **Dated:** 05-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-08-24 **Tested on:** 07-08-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Pile No. 156,159 (4000 Psi)	28	7	2024	6Diax12	---	14.2	28.28	30	2376	---	Non Engraved
2	Pile No. 156,159 (4000 Psi)	28	7	2024	6Diax12	---	13	28.28	29	2297	---	Non Engraved
3	Pile No. 156,159 (4000 Psi)	28	7	2024	6Diax12	---	13.4	28.28	49	3881	---	Non Engraved
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Witnessed by: Nil

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

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

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

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

To: Mr. Umer Maqsood
Project Manager, PAKMIX Ready Mix Concrete.

Project: Construction of JDW Tower Gulberg Lahore. (Contractor: AJK Engineer Pvt. Ltd.)

Our Ref. No. CL/CED/ 5507 Dated: 09-08-24

Your Ref. No. Nil Dated: 05-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-08-24 Tested on: 07-08-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Pile No. 166,158 (4000 Psi)	30	7	2024	6Diax12	---	13.6	28.28	29	2297	---	Non Engraved
2	Pile No. 166,158 (4000 Psi)	30	7	2024	6Diax12	---	13.4	28.28	30	2376	---	Non Engraved
3	Pile No. 166,158 (4000 Psi)	30	7	2024	6Diax12	---	13	28.28	26	2059	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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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7548
Dr. M. Yousaf

To: Mr. Umer Maqsood
Project Manager, PAKMIX Ready Mix Concrete.

Project: Construction of JDW Tower Gulberg Lahore. (Contractor: AJK Engineer Pvt. Ltd.)

Our Ref. No. CL/CED/ 5508 **Dated:** 09-08-24

Your Ref. No. Nil **Dated:** 05-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-08-24 **Tested on:** 07-08-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Pile No. 68,73 (4000 Psi)	8	7	2024	6Diax12	---	13.8	28.28	50	3960	---	Non Engraved
2	Pile No. 68,73 (4000 Psi)	8	7	2024	6Diax12	---	13.4	28.28	60	4752	---	Non Engraved
3	Pile No. 68,73 (4000 Psi)	8	7	2024	6Diax12	---	13.6	28.28	45	3564	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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

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

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

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

7483
Dr. Umbreen

To: Executive Engineer
Buildings Division Kasur.

Project: Construction of 07-Nos New Class Rooms in Schools (FCDO) (PESP-II) One at Govt. Primary School Pial Kalan No.2 (01-No. C/R) Tehsil & District Kasur (EMIS Code-35120433)

Our Ref. No. CL/CED/ 5509 Dated: 09-08-24 Test Specification

Your Ref. No. 3793/D Dated: 10-07-24 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 23-07-24 Tested on: 09-08-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	SB	---	---	---	8.9 x 4.3 x 3	---	3350	38.27	40	2341	---	---
2	SB	---	---	---	8.8 x 4.4 x 3	---	3240	38.72	50	2893	---	---
3	SB	---	---	---	8.9 x 4.4 x 3	---	3400	39.16	46	2631	---	---
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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.

7483
Dr. Umbreen

To: Executive Engineer
Buildings Division Kasur.

Project: Construction of 07-Nos New Class Rooms in Schools (FCDO) (PESP-II) One at Govt. Primary School Bunga Sardar Kahan Singh (01-No. C/R) Tehsil Pattoki District Kasur (EMIS Code-35130128)

Our Ref. No. CL/CED/ 5510 Dated: 09-08-24 **Test Specification**

Your Ref. No. 3661/C Dated: 22-06-24 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 23-07-24 **Tested on:** 09-08-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	BBC	---	---	---	8.9 x 4.4 x 3	---	3395	39.16	48	2746	---	---
2	BBC	---	---	---	8.9 x 4.3 x 3	---	3415	38.27	46	2692	---	---
3	BBC	---	---	---	9 x 4.4 x 3	---	3420	39.6	48	2715	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

7470
Dr. Umbreen

To: **Mr. Tahawar Owais**
Project Manager, DSG Energy

Project: Construction of Office Building at 29-M QIE, Lahore.

Our Ref. No. CL/CED/ 5511 **Dated: 09-08-24** **Test Specification**

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

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 08-08-24 **Tested on:** 09-08-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	9	7	2024	6Diax12	---	14.4	28.28	90	7129	---	Non Engraved
2	---	9	7	2024	6Diax12	---	14	28.28	96	7604	---	Non Engraved
3	---	9	7	2024	6Diax12	---	14.6	28.28	74	5861	---	Non Engraved
4	---	9	7	2024	6Diax12	---	14.6	28.28	84	6653	---	Non Engraved
5	---	9	7	2024	6Diax12	---	15	28.28	87	6891	---	Non Engraved
6	---	9	7	2024	6Diax12	---	14.6	28.28	85	6733	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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.

7552
Dr. Umbreen

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

Project: Construction of New Courts Block at Site of Old Administration Block at Lahore High Court, Lahore (6th Floor- Slab Darbar Side)

Our Ref. No. CL/CED/ 5512 Dated: 09-08-24 **Test Specification**

Your Ref. No. Memo No. 926 Dated: 02-08-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 05-08-24 **Tested on:** 09-08-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	3000 Psi	25	7	2024	6Diax12	---	13	28.28	20	1584	---	Non Engraved
2	3000 Psi	25	7	2024	6Diax12	---	13.4	28.28	22	1743	---	Non Engraved
3	3000 Psi	25	7	2024	6Diax12	---	13.4	28.28	18	1426	---	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.

7552
Dr. Umbreen

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

Project: Construction of New Courts Block at Site of Old Administration Block at Lahore High Court, Lahore (5th Floor- Slab Darbar Side)

Our Ref. No. CL/CED/ 5513 Dated: 09-08-24 **Test Specification**

Your Ref. No. Memo No. 924 Dated: 02-08-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 05-08-24 **Tested on:** 09-08-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	3000 Psi	3	7	2024	6Diax12	---	13.6	28.28	50	3960	---	Non Engraved
2	3000 Psi	3	7	2024	6Diax12	---	13	28.28	40	3168	---	Non Engraved
3	3000 Psi	3	7	2024	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

7552
Dr. Umbreen

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

Project: Construction of New Courts Block at Site of Old Administration Block at Lahore High Court, Lahore (5th Floor- Column Darbar Side)

Our Ref. No. CL/CED/ 5514 Dated: 09-08-24 **Test Specification**

Your Ref. No. Memo No. 930 Dated: 05-08-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 05-08-24 **Tested on:** 09-08-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	5	7	2024	6Diax12	---	14	28.28	68	5386	---	Non Engraved
2	4000 Psi	5	7	2024	6Diax12	---	13.8	28.28	52	4119	---	Non Engraved
3	4000 Psi	5	7	2024	6Diax12	---	14	28.28	74	5861	---	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.

7552
Dr. Umbreen

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

Project: Construction of New Courts Block at Site of Old Administration Block at Lahore High Court, Lahore (6th Floor- Column Darbar Side)

Our Ref. No. CL/CED/ 5515 Dated: 09-08-24 **Test Specification**

Your Ref. No. Memo No. 932 Dated: 05-08-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 05-08-24 **Tested on:** 09-08-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	28	7	2024	6Diax12	---	13	28.28	48	3802	---	Non Engraved
2	4000 Psi	28	7	2024	6Diax12	---	13.4	28.28	74	5861	---	Non Engraved
3	4000 Psi	28	7	2024	6Diax12	---	13.4	28.28	64	5069	---	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 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.

7567
Dr. Umbreen

To: Executive Engineer (B&W)
UVAS, Lahore. (M/S Shaheen Construction Company)

Project: Construction of Wrestling Academy at Sport Complex City Campus, UVAS, Lahore.

Our Ref. No. CL/CED/ 5516 **Dated:** 09-08-24

Your Ref. No. E.E 905 **Dated:** 07-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 07-08-24 **Tested on:** 09-08-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	G.F Beam & Slab (5000 Psi) (1:1:2)	30	7	2024	6Diax12	---	14	28.28	40	3168	---	Engraved
2	G.F Beam & Slab (5000 Psi) (1:1:2)	31	7	2024	6Diax12	---	13	28.28	34	2693	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

7565
Dr. Umbreen

To: Mr. Muhammad Sajjad
Project Incharge, Tehsil Jatoi, District Muzaffargarh.

Project: Construction of House No.60, C Block Model Town, Lahore.

Our Ref. No. CL/CED/ 5517 **Dated: 09-08-24** **Test Specification**

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

COMPRESSION TEST REPORT

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

Specimens received on: 07-08-24 Tested on: 09-08-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	F.F Columns + Shear Wall	28	7	2024	6Diax12	---	14.4	28.28	64	5069	---	Non Engraved
2	F.F Columns + Shear Wall	28	7	2024	6Diax12	---	14	28.28	66	5228	---	Non Engraved
3	F.F Columns + Shear Wall	28	7	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	F.F Columns + Shear Wall	29	7	2024	6Diax12	---	14	28.28	46	3644	---	Non Engraved
5	F.F Columns + Shear Wall	29	7	2024	6Diax12	---	14	28.28	52	4119	---	Non Engraved
6	F.F Columns + Shear Wall	29	7	2024	6Diax12	---	14	28.28	48	3802	---	Non Engraved
7	F.F Lift + Shear Wall	30	7	2024	6Diax12	---	13.2	28.28	54	4277	---	Non Engraved
8	F.F Lift + Shear Wall	30	7	2024	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
9	F.F Lift + Shear Wall	30	7	2024	6Diax12	---	14	28.28	54	4277	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

7566
Dr. Umbreen

To: **Mr. Mohammad Aslam**
Manager, Construction S-2 Allied Bank Ltd. Engg. Cell, South-II, Abdali Tower,Abdali Road, Multan

Project: Construction of New Building for ABL Sheikh Cotton Colony Branch (1051) & Regional Office Vehari. (RCC Walls Strong & Locker Room up to Plinth)

Our Ref. No. CL/CED/ 5518 **Dated: 09-08-24** **Test Specification**

Your Ref. No. GHQ/S2/CRM/MA/2024/283 **Dated: 07-08-24** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 07-08-24 Tested on: 09-08-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	29	7	2024	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
2	---	29	7	2024	6Diax12	---	13.4	28.28	34	2693	---	Non Engraved
3	---	29	7	2024	6Diax12	---	13.6	28.28	40	3168	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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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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**