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.

6804
Dr. M. Mazhar

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

Project: Construction of NEW COURTS BLOCK at the Site of OLD ADMINISTRATION BLOCK at LAHORE (ADP NO. 3766 For the Year 2023-24)

Our Ref. No. CL/CED/ 4379 Dated: 06-03-24 **Test Specification**

Your Ref. No. No. 301 Dated: 28/2/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04/03/2024 Tested on: 06-03-24 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	Ramp (3000 Psi)	15	2	2024	6Diax12	---	13.2	28.28	56	4436	---	Non Engraved
2	Ramp (3000 Psi)	15	2	2024	6Diax12	---	13	28.28	58	4594	---	Non Engraved
3	Ramp (3000 Psi)	15	2	2024	6Diax12	---	14	28.28	50	3960	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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6804
Dr. M. Mazhar

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

Project: Construction of NEW COURTS BLOCK at the Site of OLD ADMINISTRATION BLOCK at LAHORE (ADP NO. 3766 For the Year 2023-24)

Our Ref. No. CL/CED/ 4380 Dated: 06-03-24 **Test Specification**

Your Ref. No. No. 303 Dated: 28/2/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04/03/2024 Tested on: 06-03-24 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	Slab Ground Floor (3000 Psi)	17	2	2024	6Diax12	---	13.6	28.28	44	3485	---	Non Engraved
2	Slab Ground Floor (3000 Psi)	17	2	2024	6Diax12	---	13.4	28.28	62	4911	---	Non Engraved
3	Slab Ground Floor (3000 Psi)	17	2	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 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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6804
Dr. M. Mazhar

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

Project: Construction of NEW COURTS BLOCK at the Site of OLD ADMINISTRATION BLOCK at LAHORE (ADP NO. 3766 For the Year 2023-24)

Our Ref. No. CL/CED/ 4381 **Dated:** 06-03-24 **Test Specification**

Your Ref. No. No. 305 **Dated:** 28/2/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04/03/2024 **Tested on:** 06-03-24 **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	Col. Ground Floor (4000 Psi)	22	2	2024	6Diax12	---	13	28.28	62	4911	---	Non Engraved
2	Col. Ground Floor (4000 Psi)	22	2	2024	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
3	Col. Ground Floor (4000 Psi)	22	2	2024	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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Dr. M. Mazhar

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

Project: Construction of NEW COURTS BLOCK at the Site of OLD ADMINISTRATION BLOCK at LAHORE (ADP NO. 3766 For the Year 2023-24)

Our Ref. No. CL/CED/ 4382 Dated: 06-03-24 **Test Specification**

Your Ref. No. No. 305 Dated: 28/2/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04/03/2024 Tested on: 06-03-24 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	First Floor Slab (3000 Psi)	28	2	2024	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
2	First Floor Slab (3000 Psi)	28	2	2024	6Diax12	---	13.2	28.28	52	4119	---	Non Engraved
3	First Floor Slab (3000 Psi)	28	2	2024	6Diax12	---	13	28.28	22	1743	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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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6811
Dr. M. Mazhar

To: M. Faisal Bhatti
Construction Manager, for Ittefaq Building Solutions (Pvt) Ltd

Project: Construction of Mr. Chugtai House Residence at Plot #74 Muneer Road Cantt, Lahore (Omar House)

Our Ref. No. CL/CED/ 4383 Dated: 06-03-24 **Test Specification**

Your Ref. No. Nil Dated: 04-03-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04/03/2024 Tested on: 06-03-24 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	Retaining Wall (4000 Psi)	7	2	2024	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
2	Retaining Wall (4000 Psi)	7	2	2024	6Diax12	---	13	28.28	56	4436	---	Non Engraved
3	Retaining Wall (4000 Psi)	7	2	2024	6Diax12	---	13.6	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
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Dr. M. Mazhar

To: M. Faisal Bhatti
Construction Manager, for Ittefaq Building Solutions (Pvt) Ltd

Project: Construction of Mr. Chugtai House Residence at Plot #74 Muneer Road Cantt, Lahore (Omar House)

Our Ref. No. CL/CED/ 4384 **Dated:** 06-03-24 **Test Specification**

Your Ref. No. Nil **Dated:** 04-03-24 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 04/03/2024 **Tested on:** 06-03-24 **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	Lift Bed + Col. (4000 Psi)	19	2	2024	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
2	Lift Bed + Col. (4000 Psi)	19	2	2024	6Diax12	---	13	28.28	52	4119	---	Non Engraved
3	Lift Bed + Col. (4000 Psi)	19	2	2024	6Diax12	---	13	28.28	36	2851	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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

To: M. Faisal Bhatti
Construction Manager, for Ittefaq Building Solutions (Pvt) Ltd

Project: Construction of Mr. Chugtai House Residence at Plot #74 Muneer Road Cantt, Lahore (Ali House)

Our Ref. No. CL/CED/ 4385 Dated: 06-03-24

Your Ref. No. Nil Dated: 04-03-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04/03/2024 Tested on: 06-03-24 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	Basement Slab (4000 Psi)	20	2	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	Basement Slab (4000 Psi)	20	2	2024	6Diax12	---	14	28.28	60	4752	---	Non Engraved
3	Basement Slab (4000 Psi)	20	2	2024	6Diax12	---	13.6	28.28	46	3644	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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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6801
Dr. M. Mazhar

To: **Mr. Bilal Hayder**
The Property Maintenance Company

Project: Construction of Retrofitting Building #1 Descon (DHQ) Lahore.

Our Ref. No. CL/CED/ 4386 **Dated: 06-03-24**

Your Ref. No. Nil **Dated: 04-03-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04/03/2024 **Tested on:** 06-03-24 **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	Sr#1-C2	5	2	2024	6Diax12	---	12.4	28.28	75	5941	---	Non Engraved
2	Sr#2-C3	5	2	2024	6Diax12	---	12.4	28.28	60	4752	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

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

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

6802
Dr. M. Mazhar

To: Mr. M. Arslan Khaleel
C/O, M/S Amanah Noor Residence Wapda Town, Lahore.

Project: 6th to 7th Floor Pour 2.

Our Ref. No. CL/CED/ 4387 Dated: 06-03-24

Your Ref. No. Nil Dated: 04-03-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04/03/2024 Tested on: 06-03-24 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)	26	2	2024	6Diax12	---	13	28.28	32	2535	---	Non Engraved
2	(3000 Psi)	26	2	2024	6Diax12	---	13.2	28.28	34	2693	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

6806
Dr. M. Mazhar

To: Mr. Muazzam Shoukat
Muhammad Younis Construction Company

Project: House # 184 D, DHA Phase 8- Ex Park View

Our Ref. No. CL/CED/ 4388 Dated: 06-03-24 **Test Specification**

Your Ref. No. Nil Dated: 04-03-24 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 04/03/2024 Tested on: 06-03-24 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	16	2	2024	6x6x6	---	8	36	64	3982	---	Non Engraved
2	4000 Psi	16	2	2024	6x6x6	---	8	36	64	3982	---	Non Engraved
3	4000 Psi	16	2	2024	6x6x6	---	8	36	58	3609	---	Non Engraved
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 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.

6812
Dr. M. Mazhar

To: Assistant Resident Engineer
JERS Consultancy (Pvt) Ltd

Project: Construction of General Bus Stand (GBS) in MC Kamalia City. (Main Building)

Our Ref. No. CL/CED/ 4389 **Dated: 06-03-24** **Test Specification**

Your Ref. No. 488-J01-ARE/KML/GBS/07 **Dated: 29/02/2024** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 04/03/2024 **Tested on:** 06-03-24 **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	Plinth Beam (1:2:4)	28	1	2024	6x6x6	---	8.2	36	115	7156	---	Non Engraved
2	Plinth Beam (1:2:4)	28	1	2024	6x6x6	---	8.4	36	103	6409	---	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.

6812
Dr. M. Mazhar

To: Assistant Resident Engineer
JERS Consultancy (Pvt) Ltd

Project: Construction of General Bus Stand (GBS) in MC Kamalia City. (Main Building)

Our Ref. No. CL/CED/ 4390 **Dated: 06-03-24**

Your Ref. No. 488-J01-ARE/KML/GBS/06 **Dated: 25-02-24**

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 04/03/2024 **Tested on:** 06-03-24 **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	Columns (1:2:4)	25	1	2024	6x6x6	---	8.6	36	48	2987	---	Non Engraved
2	Columns (1:2:4)	25	1	2024	6x6x6	---	8	36	89	5538	---	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
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University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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6812
Dr. M. Mazhar

To: Assistant Resident Engineer
JERS Consultancy (Pvt) Ltd

Project: Construction of General Bus Stand (GBS) in MC Kamalia City. (Main Building)

Our Ref. No. CL/CED/ 4391 **Dated: 06-03-24** **Test Specification**

Your Ref. No. 488-J01-ARE/KML/GBS/04 **Dated: 20/01/2024** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 04/03/2024 **Tested on:** 06-03-24 **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	Footing (1:2:4)	20	1	2024	6x6x6	---	8.4	36	48	2987	---	Non Engraved
2	Footing (1:2:4)	20	1	2024	6x6x6	---	8	36	56	3484	---	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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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

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

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

6755
Dr. M. Mazhar

To: Mr. Muhammad Jan
Senior Site Inspector, Designmen Consulting Engineers (Pvt) Ltd.

Project: Construction of Allama Iqbal Open University, Regional Campus, Sheikhupura.

Our Ref. No. CL/CED/ 4392 Dated: 06-03-24 Test Specification

Your Ref. No. P-348/2022/AIOU-SKP/LAB/10 Dated: 21/2/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 22/2/2024 Tested on: 06-03-24 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	Sword N	---	---	---	8.7 x 4.2 x 2.8	3240	2920	36.54	34	2084	10.96	---
2	Sword N	---	---	---	8.7 x 4.3 x 3	3370	3075	37.41	42	2515	9.59	---
3	Sword N	---	---	---	8.8 x 4.3 x 2.9	3335	2975	37.84	34	2013	12.1	---
4	Sword N	---	---	---	8.8 x 4.3 x 3	3485	3030	37.84	28	1658	15.02	---
5	SN	---	---	---	8.8 x 4.3 x 2.9	3465	3045	37.84	24	1421	13.79	---
6	SN	---	---	---	8.7 x 4.3 x 3	3590	3100	37.41	28	1677	15.81	---
7	SN	---	---	---	8.8 x 4.3 x 2.9	3510	3020	37.84	28	1658	16.23	---
8	SN	---	---	---	8.8 x 4.3 x 2.9	3485	3060	37.84	22	1302	13.89	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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
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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)
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.

6773
Dr. M. Mazhar

To: Deputy Director (ENGG)
Lahore Development Authority, U.D WING, Khayaban-e-Firdousi, 467-D-II M.A. Johar Town Lahore.

Project: Shifting/Construction of Building Block of Police Station Shahdara, Lahore Falling in the Alignment of the Project- Construction of Multi-Level Grade Separation at Shahdara Morr, Lahore.

Our Ref. No. CL/CED/ 4393 Dated: 06-03-24 Test Specification

Your Ref. No. DD(ENGG.)/LDA/11 Dated: 19/2/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 26/2/2024 **Tested on:** 06-03-24 **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	7UP	---	---	---	8.9 x 4.4 x 3	---	3330	39.16	28	1602	---	---
2	7UP	---	---	---	8.8 x 4.2 x 3.1	---	3310	36.96	38	2303	---	---
3	7UP	---	---	---	8.6 x 4.1 x 3	---	3250	35.26	40	2541	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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
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6773
Dr. M. Mazhar

To: Deputy Director (ENGG)
Lahore Development Authority, U.D WING, Khayaban-e-Firdousi, 467-D-II M.A. Johar Town Lahore

Project: Construction of Shops at Shahdara Army Land Falling in the Alignment of the Project- Construction of Multi-Level Grade Separation at Shahdara Morr, Lahore.

Our Ref. No. CL/CED/ 4394 Dated: 06-03-24 Test Specification

Your Ref. No. DD(ENGG.)/LDA/09 Dated: 19/2/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 26/2/2024 Tested on: 06-03-24 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	7UP	---	---	---	8.9 x 4.3 x 3	---	3245	38.27	32	1873	---	---
2	7UP	---	---	---	8.7 x 4.3 x 3	---	3405	37.41	38	2275	---	---
3	7UP	---	---	---	8.8 x 4.2 x 3	---	3280	36.96	38	2303	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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 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.

6748
Dr. M. Mazhar

To: Mr. M. Usman Rauf
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd.

Project: Repair & Improvement of Kotha Pind Faisal Town Lahore (Gulberg Zone) Lahore.

Our Ref. No. CL/CED/ 4395 Dated: 06-03-24

Your Ref. No. 4084/103/MUR/104/1225 Dated: 03-02-24

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 21/2/2024 Tested on: 06-03-24 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	A9	---	---	---	8.8 x 4.2 x 3	3740	3295	36.96	42	2545	13.51	---
2	A9	---	---	---	9 x 4.4 x 2.9	3805	3365	39.6	40	2263	13.08	---
3	A9	---	---	---	8.9 x 4.4 x 2.9	3755	3250	39.16	34	1945	15.54	---
4	A9	---	---	---	8.9 x 4.3 x 3	3780	3295	38.27	38	2224	14.72	---
5	A9	---	---	---	8.8 x 4.4 x 2.9	3785	3305	38.72	32	1851	14.52	---
6	A9	---	---	---	8.8 x 4.2 x 3	3655	3260	36.96	34	2061	12.12	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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