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.

6010
Dr. M. Yousaf

To: **Mr. Muhammad Yousaf**
Quantity Surveyor, Professional Construction Services (Pvt) Ltd.

Project: Construction of Allied Bank D.R Center Faisalbad)

Our Ref. No. CL/CED/ 3247 **Dated: 18-10-23** **Test Specification**

Your Ref. No. PCS/23/Eng/168 **Dated: 02-10-23** **(----)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 04-10-23 **Tested on:** 16-10-23 **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	DH-7	---	---	---	8.8 x 4.3 x 2.9	3400	3035	37.84	43	2545	12.03	---
2	DH-7	---	---	---	8.8 x 4.2 x 2.8	3205	2855	36.96	43	2606	12.26	---
3	DH-7	---	---	---	8.8 x 4.2 x 2.9	3345	2955	36.96	44	2667	13.2	---
4	DH-7	---	---	---	8.8 x 4.2 x 2.9	3455	3140	36.96	45	2727	10.03	---
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Witnessed by:

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

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

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

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

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

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

6086
Dr. Aqsa

To: **Mr. Abdul Ghaffar**
Project Engineer, Qarshi University Project Canal Road, Lahore.

Project: Qarshi University Project Canal Road, Lahore.

Our Ref. No. CL/CED/ 3248 **Dated: 18-10-23** **Test Specification**

Your Ref. No. PE/UET/QUP/01/2023/146 **Dated: 16-10-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17-10-23 **Tested on:** 18-10-23 **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)	8	9	2023	6Diax12	---	14	28.28	95	7525	---	Non Engraved
2	(4000 Psi)	8	9	2023	6Diax12	---	14	28.28	79	6257	---	Non Engraved
3	(4000 Psi)	5	10	2023	6Diax12	---	14	28.28	30	2376	---	Engraved
4	(4000 Psi)	5	10	2023	6Diax12	---	14	28.28	31	2455	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Muhammad Waris, C.M, Q.F

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

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

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

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

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

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

6050
Dr. M. Mazhar

To: **Assistant Engineer (Civil)**
Building and Works Department, University of Engineering and Technology, Lahore

Project: Construction of Upper Floor of Existing Building of the Department of Computer Engineering, Main Campus UET Lahore

Our Ref. No. CL/CED/ 3249 **Dated: 18/10/2023** **Test Specification**

Your Ref. No. B&W/ECSE/14 **Dated: 05-10-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 10-10-23 **Tested on:** 18/10/2023 **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 (1:1.5:3)	8	9	2023	6Diax12	---	14	28.28	58	4594	---	Engraved
2	Columns (1:1.5:3)	8	9	2023	6Diax12	---	14	28.28	60	4752	---	Engraved
3	Columns (1:1.5:3)	8	9	2023	6Diax12	---	13.8	28.28	54	4277	---	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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ORIGINAL
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6053
Dr. M. Mazhar

To: **Mr. Muhammad Irfan**
Material Engineer, Banu Mukhtar Contracting (Pvt) Ltd.

Project: Burj-1 by AJWA Builders (Main Building B/04 Zone #02)

Our Ref. No. CL/CED/ 3250 **Dated: 18/10/2023** **Test Specification**

Your Ref. No. DOC-BMC/AJWA/119 **Dated: 11-10-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 11-10-23 **Tested on:** 18/10/2023 **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	Ret. Wall Grids # A-B'/10, (4000 Psi)	11	9	2023	6Diax12	---	14	28.28	54	4277	---	Non Engraved
2	Ret. Wall Grids # A-B'/10, (4000 Psi)	11	9	2023	6Diax12	---	14.4	28.28	52	4119	---	Non Engraved
3	Ret. Wall Grids # A-B'/10, (4000 Psi)	11	9	2023	6Diax12	---	14	28.28	56	4436	---	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)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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6053
Dr. M. Mazhar

To: **Mr. Muhammad Irfan**
Material Engineer, Banu Mukhtar Contracting (Pvt) Ltd

Project: Burj-1 by AJWA Builders (Main Building B/01 Zone #02)

Our Ref. No. CL/CED/ 3251 **Dated: 18/10/2023** **Test Specification**

Your Ref. No. DOC-BMC/AJWA/118 **Dated: 11-10-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 11-10-23 **Tested on:** 18/10/2023 **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. # 03 Grids # D-F/7, (6000 Psi)	14	9	2023	6Diax12	---	15	28.28	105	8317	---	Non Engraved
2	Col. # 03 Grids # D-F/7, (6000 Psi)	14	9	2023	6Diax12	---	14	28.28	107	8475	---	Non Engraved
3	Col. # 03 Grids # D-F/7, (6000 Psi)	14	9	2023	6Diax12	---	15.6	28.28	103	8158	---	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)
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ORIGINAL
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6082
Dr. M. Mazhar

To: **Assistant Resident Engineer**
ES Consultants (Pvt) Ltd

Project: Construction of Multy Storey (High Rise) Commerical Building Complex at OPF Housing Scheme, Khayaban-e-Jinnah Raiwind Road, Lahore

Our Ref. No. CL/CED/ 3252 **Dated: 18/10/2023**

Your Ref. No. ESC/OPF-ISL/6016 **Dated: 16/10/2023**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16/10/2023 **Tested on:** 18/10/2023 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	8	10	2023	6Diax12	---	13.6	28.28	68	5386	---	Non Engraved
2	---	8	10	2023	6Diax12	---	13.4	28.28	68	5386	---	Non Engraved
3	---	8	10	2023	6Diax12	---	13.2	28.28	64	5069	---	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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ORIGINAL
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6082
Dr. M. Mazhar

To: **Assistant Resident Engineer**
ES Consultants (Pvt) Ltd

Project: Construction of Multy Storey (High Rise) Commerical Building Complex at OPF Housing Scheme, Khayaban-e-Jinnah Raiwind Road, Lahore

Our Ref. No. CL/CED/ 3253 **Dated: 18/10/2023**

Your Ref. No. ESC/OPF-ISL/6015 **Dated: 16/10/2023**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16/10/2023 **Tested on:** 18/10/2023 **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	---	7	10	2023	6Diax12	---	13.4	28.28	61	4832	---	Non Engraved
2	---	7	10	2023	6Diax12	---	13.4	28.28	56	4436	---	Non Engraved
3	---	7	10	2023	6Diax12	---	13.2	28.28	62	4911	---	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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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

6082
Dr. M. Mazhar

To: **Assistant Resident Engineer**
ES Consultants (Pvt) Ltd

Project: Construction of Multy Storey (High Rise) Commerical Building Complex at OPF Housing Scheme, Khayaban-e-Jinnah Raiwind Road, Lahore

Our Ref. No. CL/CED/ 3254 **Dated: 18/10/2023** **Test Specification**

Your Ref. No. ESC/OPF-ISL/6013 **Dated: 13/10/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/10/2023 **Tested on:** 18/10/2023 **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	---	6	10	2023	6Diax12	---	13.4	28.28	72	5703	---	Non Engraved
2	---	6	10	2023	6Diax12	---	13.4	28.28	77	6099	---	Non Engraved
3	---	6	10	2023	6Diax12	---	13.4	28.28	66	5228	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

6082
Dr. M. Mazhar

To: **Assistant Resident Engineer**
ES Consultants (Pvt) Ltd

Project: Construction of Multy Storey (High Rise) Commerical Building Complex at OPF Housing Scheme, Khayaban-e-Jinnah Raiwind Road, Lahore

Our Ref. No. CL/CED/ 3255 **Dated: 18/10/2023**

Your Ref. No. ESC/OPF-ISL/6017 **Dated: 16/10/2023**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16/10/2023 **Tested on:** 18/10/2023 **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	10	2023	6Diax12	---	13.6	28.28	70	5545	---	Non Engraved
2	---	9	10	2023	6Diax12	---	13.4	28.28	68	5386	---	Non Engraved
3	---	9	10	2023	6Diax12	---	13.4	28.28	56	4436	---	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.

6077
Dr. M. Mazhar

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

Project: Construction of 3rd Floor Slab Pour-3

Our Ref. No. CL/CED/ 3256 **Dated: 18/10/2023**

Your Ref. No. VA/29/109 **Dated: 13/10/2023**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/10/2023 **Tested on:** 18/10/2023 **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	3rd Floor Slab Pour-3	13	9	2023	6Diax12	---	14.4	28.28	66	5228	---	Non Engraved
2	3rd Floor Slab Pour-3	13	9	2023	6Diax12	---	14	28.28	60	4752	---	Non Engraved
3	3rd Floor Slab Pour-3	13	9	2023	6Diax12	---	14.4	28.28	62	4911	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Babar Ali; CNIC 35201-9967694-3

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

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

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

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

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

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

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

6077
Dr. M. Mazhar

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

Project: Construction of 3rd Floor Slab Pour-2

Our Ref. No. CL/CED/ 3257 **Dated: 18/10/2023**

Your Ref. No. VA/29/108 **Dated: 13/10/2023**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/10/2023 **Tested on:** 18/10/2023 **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	3rd Floor Slab Pour-2	11	9	2023	6Diax12	---	14.2	28.28	64	5069	---	Non Engraved
2	3rd Floor Slab Pour-2	11	9	2023	6Diax12	---	14.2	28.28	60	4752	---	Non Engraved
3	3rd Floor Slab Pour-2	11	9	2023	6Diax12	---	14	28.28	58	4594	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Babar Ali; CNIC 35201-9967694-3

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

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

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

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

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

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

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

6051
Dr. M. Mazhar

To: **Mr. Sadat Waleed Ansari**
Chief Resident Engineer/TL, JERS Consultancy (Pvt) Ltd.

Project: Punjab Cities Program (PCP)-PMDFC, Providing and Laying of Tuff Pavers in three Roads of Daska.

Our Ref. No. CL/CED/ 3258 **Dated: 18/10/2023** **Test Specification**

Your Ref. No. 488-J01-09/CS/01-04 **Dated: 26/09/2023** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 10/10/2023 Tested on: 18/10/2023 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	Uni-Block Grey 80mm	---	---	---	3.0 thick	---	4595	36.99	186	11264	---	---
2	Uni-Block Grey 80mm	---	---	---	3.1 thick	---	4650	36.99	160	9689	---	---
3	Uni-Block Grey 80mm	---	---	---	3.1 thick	---	4595	36.99	160	9689	---	---
4	Uni-Block Grey 80mm	---	---	---	3.0 thick	---	4600	36.99	179	10840	---	---
5	Uni-Block Grey 80mm	---	---	---	3.1 thick	---	4555	36.99	162	9810	---	---
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Witnessed by: Mr. Umer Farooq; CNIC 36502-0844265-7

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

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

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

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

6051
Dr. M. Mazhar

To: **Mr. Sadat Waleed Ansari**
Chief Resident Engineer/TL, JERS Consultancy (Pvt) Ltd.

Project: Punjab Cities Program (PCP)-PMDFC, Improvement and Rehabilitation of Roads in MC Kamoke

Our Ref. No. CL/CED/ 3259 **Dated: 18/10/2023** **Test Specification**

Your Ref. No. 488-J01-09/CS/01-07 **Dated: 26/09/2023** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 10/10/2023 **Tested on:** 18/10/2023 **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	Uni-Block Grey 80mm	---	---	---	3.1 thick	---	4575	36.99	133	8054	---	---
2	Uni-Block Grey 80mm	---	---	---	3.1 thick	---	4655	36.99	160	9689	---	---
3	Uni-Block Grey 80mm	---	---	---	3.1 thick	---	4580	36.99	111	6722	---	---
4	Uni-Block Red 80mm	---	---	---	3.2 thick	---	4705	36.99	127	7691	---	---
5	Uni-Block Red 80mm	---	---	---	3.0 thick	---	4505	36.99	134	8115	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Umer Farooq; CNIC 36502-0844265-7

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

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

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

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