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.

5041
Dr. Aqsa

To: Sub Divisional Officer
Sheikhupura Sub Division UCC, Sheikhupura.

Project: Providing Protection Wall at Chichokimallian Disty Between RD 4+000-6+000.

Our Ref. No. CL/CED/ 1666 **Dated: 10-04-23** **Test Specification**

Your Ref. No. 130/1-g **Dated: 30-03-23** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 31-03-23 Tested on: 10-04-23 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	A	---	---	---	8.3 x 4.1 x 2.7	3110	2745	34.03	45	2962	13.3	---
2	A	---	---	---	8.4 x 4.2 x 2.7	3255	2940	35.28	43	2730	10.71	---
3	A	---	---	---	8.6 x 4.1 x 2.6	3015	2710	35.26	42	2668	11.25	---
4	A-1	---	---	---	8.5 x 4.1 x 2.3	3085	2730	34.85	36	2314	13	---
5	A-1	---	---	---	8.5 x 4 x 2.8	3105	2755	34	41	2701	12.7	---
6	A-1	---	---	---	8.5 x 4 x 3	3175	2855	34	44	2899	11.21	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

5074
Dr. Aqsa

To: Mr. Talha Javaid
Project Manager, CONSTRUCT ® 41-B, Gulberg II, Lahore.

Project: DRGCC GOLFER'S COMPLEX

Our Ref. No. CL/CED/ 1667 **Dated: 10-04-23** **Test Specification**

Your Ref. No. CON/PM/GC/230406 **Dated: 06-04-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 0'6/04/2023 **Tested on:** 10-04-23 **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	Foundation Pile Caps (4000 Psi)	9	3	2023	6Diax12	---	13.6	28.28	65	5149	---	Non Engraved
2	Foundation Pile Caps (4000 Psi)	9	3	2023	6Diax12	---	14.4	28.28	64	5069	---	Non Engraved
3	Foundation Pile Caps (4000 Psi)	9	3	2023	6Diax12	---	13.6	28.28	64	5069	---	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)
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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5077
Dr. Aqsa

To: **Assistant Resident Engineer**
JERS Consultancy (Pvt) Ltd. Lahore. (M/S Chaudhary Enterprises)

Project: PCP (Phase-II) Improvement and Construction of Roads in MC, Muridke. (Distributary Canal Site)

Our Ref. No. CL/CED/ 1668 **Dated: 10-04-23** **Test Specification**

Your Ref. No. 488-J01-ARE-2 (MDK-R)/26 **Dated: 06-04-23** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 07-04-23 **Tested on:** 10-04-23 **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	Kerb Stone	---	---	---	6 x 6 x 6	---	7.6	36	54	3360	---	Cut Cube
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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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5077
Dr. Aqsa

To: **Assistant Resident Engineer**
JERS Consultancy (Pvt) Ltd. Lahore. (M/S Chaudhary Enterprises)

Project: PCP (Phase-II) Improvement and Construction of Roads in MC, Muridke. (Distributary Canal Site)

Our Ref. No. CL/CED/ 1669 **Dated: 10-04-23** **Test Specification**

Your Ref. No. 488-J01-ARE-2 (MDK-R)/25 **Dated: 06-04-23** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 07-04-23 **Tested on:** 10-04-23 **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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3600	30.42	90	6627	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3700	30.42	101	7437	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3700	30.42	88	6480	---	---
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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5049
Dr. Aqsa

To: Mr. Ilyas Majeed Sheikh
Chairman Eagle Developers, DREAM Galleria

Project: City Galleria Citi Housing Gujranwala, Lahore.

Our Ref. No. CL/CED/ 1670 **Dated:** 10-04-23 **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: 03-04-23 **Tested on:** 10-04-23 **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	---	17	3	2023	6Diax12	---	12.6	28.28	8	634	---	Engraved
2	---	17	3	2023	6Diax12	---	12.6	28.28	10	792	---	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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5083
Dr. Aqsa

To: Mr. Muhammad Aman Ullah
Resident Engineer, NESPAK (Pvt.) Ltd.

Project: Construction of LDA City Naya Pakistan Apartments. (Roof Slab at Elevation 11'-11" of Part-4) (M/s ZEALCON-AEPL-MASTIC JV)

Our Ref. No. CL/CED/ 1671 Dated: 10-04-23 Test Specification

Your Ref. No. 4047/13/MA/04/89 Dated: 04-04-23 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 07-04-23 **Tested on:** 10-04-23 **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	B41 Slab	9	3	2023	6Diax12	---	13	28.28	62	4911	---	Non Engraved
2	B41 Slab+Stairs	9	3	2023	6Diax12	---	13.6	28.28	71	5624	---	Non Engraved
3	B41 Slab	9	3	2023	6Diax12	---	13.2	28.28	69	5465	---	Non Engraved
4	B41 Slab	9	3	2023	6Diax12	---	14	28.28	60	4752	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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**

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

5064
Dr. Aqsa

To: Mr. Zafar Iqbal
Project Manager, United Life Styles (Pvt.) Ltd.

Project: Sky Scrapers by United Lifestyle E-10 FTC MA Johar Town Lahore

Our Ref. No. CL/CED/ 1672 Dated: 10-04-23 **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: 05-04-23 **Tested on:** 10-04-23 **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	5000 Psi	10	3	2023	6Diax12	---	13.8	28.28	70	5545	---	Non Engraved
2	5000 Psi	10	3	2023	6Diax12	---	13.4	28.28	75	5941	---	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
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1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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5078
Dr. Aqsa

To: Engr. Bilal Imtiaz, Resident Engineer
Engineering Consultancy Services Punjab (Pvt) Ltd. (M/S Shafiq Construction Company)

Project: Construction of Baba Guru Nanak University, Nankana Sahib. (Pouring of Ground Floor Roof Slab of Admin Block)

Our Ref. No. CL/CED/ 1673 Dated: 10-04-23 Test Specification

Your Ref. No. ECSP/BGNU/37 Dated: 29-03-23 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 07-04-23 Tested on: 10-04-23 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	J-R(3-10) (1:2:4)	23	2	2023	6x6x6	---	8.8	36	67	4169	---	Engraved
2	J-R(3-10) (1:2:4)	23	2	2023	6x6x6	---	8.2	36	91	5662	---	Engraved
3	J-R(3-10) (1:2:4)	23	2	2023	6x6x6	---	8.4	36	83	5164	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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.

5078
Dr. Aqsa

To: Engr. Bilal Imtiaz, Resident Engineer
Engineering Consultancy Services Punjab (Pvt) Ltd. (M/S Shafiq Construction Company)

Project: Construction of Baba Guru Nanak University, Nankana Sahib. (Pouring of Third Floor Roof Slab of Academic Block #01)

Our Ref. No. CL/CED/ 1674 Dated: 10-04-23 Test Specification

Your Ref. No. ECSP/BGNU/38 Dated: 29-03-23 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 07-04-23 **Tested on:** 10-04-23 **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	H-N (5-18) (1:2:4)	1	3	2023	6x6x6	---	8	36	62	3858	---	Engraved
2	H-N (5-18) (1:2:4)	1	3	2023	6x6x6	---	8.2	36	61	3796	---	Engraved
3	H-N (5-18) (1:2:4)	1	3	2023	6x6x6	---	8.6	36	64	3982	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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.

5053
Dr. Aqsa

To: **Mr. Arslan Butt**
Project Engineer, Mahmood Construction.

Project: Construction of H.No. 545-B, Rafi Block, Bahria Town Lahore.

Our Ref. No. CL/CED/ 1675 **Dated: 10-04-23** **Test Specification**

Your Ref. No. Nil **Dated: 29-03-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 04-04-23 Tested on: 10-04-23 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	FF Roof Slab (1:2:4)	1	3	2023	6x6x6	---	8.2	36	60	3733	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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)
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.

5053
Dr. Aqsa

To: **Mr. Arslan Butt**
Project Engineer, Mahmood Construction.

Project: Construction of H.No. 545-B, Rafi Block, Bahria Town Lahore.

Our Ref. No. CL/CED/ 1676 **Dated: 10-04-23** **Test Specification**

Your Ref. No. Nil **Dated: 29-03-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 04-04-23 Tested on: 10-04-23 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	GF Roof Slab (1:2:4)	15	2	2023	6x6x6	---	8.2	36	69	4293	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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)
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.

5027
Dr. Aqsa

To: Lt. Col (R) Khalid Mahmood Zia
Resident Engineer, Associated Consulting Engineers Limited. ARTS(M/S Rizcon Engineering)

Project: Development of Government College University Lahore Campus at Kala Shah Kaku (Phase-II). Construction Works of Residence Apartments/Buildings at New Campus of GC Univeristy Lahore at KSK.

Our Ref. No. CL/CED/ 1677 Dated: 10-04-23 **Test Specification**

Your Ref. No. RE/GCU(KSK)/T-1020/22 Dated: 27-03-23 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29-03-23 **Tested on:** 10-04-23 **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	GF Roof Slab (1:2:4)	2	3	2023	6Diax12	---	14.2	28.28	39	3089	---	Non Engraved
2	GF Roof Slab (1:2:4)	2	3	2023	6Diax12	---	13.2	28.28	37	2931	---	Non Engraved
3	GF Roof Slab (1:2:4)	2	3	2023	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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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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.

5056
Dr. Aqsa

To: Lt Col (R) Muhammad Naeem Zia
Project Director (SP) AG's Branch (Housing Dte) Askari XI Sec B, Lahore Cantt.

Project: Nil

Our Ref. No. CL/CED/ 1678-1 of 2 Dated: 10-04-23 Test Specification

Your Ref. No. 608/PCC Block Dated: 03-04-23 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 04-04-23 **Tested on:** 10-04-23 **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	I-Section Paver Grey 50mm	---	---	---	2.0 thick	---	3050	42.66	67	3518	---	---
2	I-Section Paver Grey 50mm	---	---	---	2.0 thick	---	3000	42.66	89	4673	---	---
3	I-Section Paver Grey 50mm	---	---	---	2.0 thick	---	3010	42.66	62	3256	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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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.

5056
Dr. Aqsa

To: Lt Col (R) Muhammad Naeem Zia
Project Director (SP) AG's Branch (Housing Dte) Askari XI Sec B, Lahore Cantt.

Project: Nil

Our Ref. No. CL/CED/ 1678-2 of 2 **Dated:** 10-04-23 **Test Specification**

Your Ref. No. 608/PCC Block **Dated:** 03-04-23 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 04-04-23 **Tested on:** 10-04-23 **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	Solid Block	---	---	---	12 x 6 x 8.5	---	21.8	72	51	1587	---	---
2	Solid Block	---	---	---	11.9 x 6 x 8.5	---	20	71.4	38	1192	---	---
3	Solid Block	---	---	---	12 x 6 x 8.5	---	21	72	43	1338	---	---
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
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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.

5007
Dr. Aqsa

To: Cantonment Executive Officer.
Office of Cantonment Board Sargodha.

Project: Providing/Laying of Sewerage Lines/Drains ward No. 10 Sargodha Cantt. (Phase-I)

Our Ref. No. CL/CED/ 1679 Dated: 10-04-23 Test Specification

Your Ref. No. CBS/Cantt/01/97 Dated: 02-03-23 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 27-03-23 Tested on: 10-04-23 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	A5	---	---	---	8.8 x 4.2 x 3	3510	3135	36.96	49	2970	11.96	---
2	A5	---	---	---	8.5 x 4.3 x 2.8	3225	2910	36.55	40	2451	10.82	---
3	A5	---	---	---	8.6 x 4.2 x 2.7	3185	2875	36.12	58	3597	10.78	---
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 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.

5007
Dr. Aqsa

To: Cantonment Executive Officer.
Office of Cantonment Board Sargodha.

Project: Providing/Laying of Sewerage Lines/Drains ward No. 6 Sargodha Cantt.

Our Ref. No. CL/CED/ 1680 **Dated: 10-04-23** **Test Specification**

Your Ref. No. CBS/Cant/01/86 **Dated: 02-03-23** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 27-03-23 Tested on: 10-04-23 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	A5	---	---	---	8.7 x 4.2 x 2.8	3295	2930	36.54	53	3249	12.46	---
2	A5	---	---	---	8.6 x 4.2 x 2.8	3220	2890	36.12	43	2667	11.42	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

5007
Dr. Aqsa

To: **Cantonment Executive Officer.**
Office of Cantonment Board Sargodha.

Project: Providing/Laying of Sewerage/Drain at Ward No. 6,7,8,9 and 10 Sargodha Cantt.

Our Ref. No. CL/CED/ 1681 **Dated: 10-04-23** **Test Specification**

Your Ref. No. CBS/Cant/01/78 **Dated: 02-03-23** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 27-03-23 Tested on: 10-04-23 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	A5	---	---	---	8.6 x 4.2 x 2.8	3220	3020	36.12	49	3039	6.62	---
2	A5	---	---	---	8.7 x 4.3 x 2.9	3360	2995	37.41	51	3054	12.19	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

5007
Dr. Aqsa

To: **Cantonment Executive Officer.**
Office of Cantonment Board Sargodha.

Project: Providing/Laying of Sewerage Lines at Ward No. 1 Sargodha Cantt. (Phase-I)

Our Ref. No. CL/CED/ 1682 **Dated: 10-04-23** **Test Specification**

Your Ref. No. CBS/Cant/01/89 **Dated: 02-03-23** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 27-03-23 Tested on: 10-04-23 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	A5	---	---	---	8.7 x 4.3 x 2.9	3250	2995	37.41	48	2874	8.51	---
2	A5	---	---	---	8.6 x 4.2 x 2.8	3225	2910	36.12	41	2543	10.82	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

5007
Dr. Aqsa

To: Cantonment Executive Officer.
Office of Cantonment Board Sargodha.

Project: Providing/Laying of Sewerage Lines at Ward No. 3 Sargodha Cantt. (Phase-I)

Our Ref. No. CL/CED/ 1683 **Dated: 10-04-23** **Test Specification**

Your Ref. No. CBS/Cant/01/85 **Dated: 02-03-23** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 27-03-23 Tested on: 10-04-23 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	A5	---	---	---	8.6 x 4.3 x 2.7	3270	2885	36.98	42	2544	13.34	---
2	A5	---	---	---	8.5 x 4.2 x 2.8	3265	2915	35.7	37	2322	12.01	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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