



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.

5385
 Dr. Umbreen

To: Eng. Asad Rashid Choudhary, P.E
 Speed Construction Management (SCM), Lahore.

Project: Construction of KIPS School Building at Plot No. 116B Campus View Town, Lahore.

Our Ref. No. CL/CED/ 2160

Dated: 16/06/2023

Test Specification

Your Ref. No. SCM-CVP-13-23

Dated: 12/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12/06/2023 **Tested on:** 15/06/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	---	3	6	2023	6Diax12	---	13.4	28.28	35	2772	---	Non Engraved
2	---	3	6	2023	6Diax12	---	13.4	28.28	37	2931	---	Non Engraved
3	---	3	6	2023	6Diax12	---	13.6	28.28	31	2455	---	Non Engraved
4	---	3	6	2023	6Diax12	---	13.6	28.28	31	2455	---	Engraved
5	---	3	6	2023	6Diax12	---	13.2	28.28	49	3881	---	Engraved
6	---	3	6	2023	6Diax12	---	13	28.28	33	2614	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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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5366
 Dr. Umbreen

To: Mr. Munawar Ali, Material Engineer/Amcorp
 AMCORP Engineering & Construction (Pvt) Ltd.

Project: Construction of ABL, Upper Mall Lahore. Plot No. 199 & 200-B.

Our Ref. No. CL/CED/ 2161

Dated: 16/06/2023

Test Specification

Your Ref. No. ABL-UML-AMC-QAQC-07

Dated: 09/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 09/06/2023 **Tested on:** 15/06/2023 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Lean Concrete Under Raft	27	5	2023	6Diax12	---	12.6	28.28	33	2614	---	Non Engraved
2	Lean Concrete Under Raft	27	5	2023	6Diax12	---	12.8	28.28	34	2693	---	Non Engraved
3	Lean Concrete Under Raft	27	5	2023	6Diax12	---	13	28.28	31	2455	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- 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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5352
 Dr. Umbreen

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

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 2162

Dated: 16/06/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/073

Dated: 07/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 07/06/2023 Tested on: 15/06/2023 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Shear Wall (6000 Psi)	8	5	2023	6Diax12	---	14	28.28	112	8871	---	Non Engraved
2	Shear Wall (6000 Psi)	8	5	2023	6Diax12	---	14.2	28.28	114	9030	---	Non Engraved
3	Shear Wall (6000 Psi)	8	5	2023	6Diax12	---	14.4	28.28	104	8238	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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

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Director/Dy. Director Concrete Laboratory



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5366
 Dr. Umbreen

To: Mr. Munawar Ali, Material Engineer/Amcorp
 AMCORP Engineering & Construction (Pvt) Ltd.

Project: Construction of ABL Proposed Commercial Building Sundar Industrial Estate Plot # 12.

Our Ref. No. CL/CED/ 2163

Dated: 16/06/2023

Test Specification

Your Ref. No. ABL-UML-AMC-QAQC-09

Dated: 09/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 09/06/2023 **Tested on:** 15/06/2023 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Panel Slabs (S-1 & S-6)	2	6	2023	6Diax12	---	13.6	28.28	43	3406	---	Non Engraved
2	Panel Slabs (S-1 & S-6)	2	6	2023	6Diax12	---	13.4	28.28	45	3564	---	Non Engraved
3	Panel Slabs (S-1 & S-6)	2	6	2023	6Diax12	---	13	28.28	43	3406	---	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/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Director/Dy. Director Concrete Laboratory



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5352
 Dr. Umbreen

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

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 2164

Dated: 16/06/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/072

Dated: 07/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 07/06/2023 **Tested on:** 15/06/2023 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Lift well wall#05 grid#H'-H/3'-4'	6	5	2023	6Diax12	---	14	28.28	128	10139	---	Non Engraved
2	Lift well wall#05 grid#H'-H/3'-4'	6	5	2023	6Diax12	---	14.2	28.28	122	9663	---	Non Engraved
3	Lift well wall#05 grid#H'-H/3'-4'	6	5	2023	6Diax12	---	14.4	28.28	120	9505	---	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/>

- * as engraved on the specimens (if any)
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Director/Dy. Director Concrete Laboratory



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5389
 Dr. M.Yousaf

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

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 2165

Dated: 16/06/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/078

Dated: 12/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12/06/2023 **Tested on:** 15/06/2023 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Trial Mix Design 4000Psi	2	6	2023	6Diax12	---	14	28.28	70	5545	---	Non Engraved
2	Trial Mix Design 4000Psi	2	6	2023	6Diax12	---	14	28.28	75	5941	---	Non Engraved
3	Trial Mix Design 4000Psi	2	6	2023	6Diax12	---	14.4	28.28	64	5069	---	Non 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/>

- * as engraved on the specimens (if any)
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Director/Dy. Director Concrete Laboratory



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5389
 Dr. M. Yousaf

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

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 2166

Dated: 16/06/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/080

Dated: 12/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12/06/2023 Tested on: 15/06/2023 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Lift well wall (6000 Psi)	14	5	2023	6Diax12	---	14	28.28	65	5149	---	Non Engraved
2	Lift well wall (6000 Psi)	14	5	2023	6Diax12	---	14	28.28	78	6178	---	Non Engraved
3	Lift well wall (6000 Psi)	14	5	2023	6Diax12	---	14	28.28	62	4911	---	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/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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5389
 Dr. M.Yousaf

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

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 2167

Dated: 16/06/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/079

Dated: 12/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12/06/2023 **Tested on:** 15/06/2023 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Lift well wall #04 Grids# D-D'/3-4'	14	5	2023	6Diax12	---	14	28.28	73	5782	---	Non Engraved
2	Lift well wall #04 Grids# D-D'/3-4'	14	5	2023	6Diax12	---	14	28.28	67	5307	---	Non Engraved
3	Lift well wall #04 Grids# D-D'/3-4'	14	5	2023	6Diax12	---	14	28.28	75	5941	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

5338
 Dr. Umbreen

To: Project Manager
 Al-Imam PMC (Pvt) Ltd.

Project: Construction of New Telehouse Brick Room at Zong MSC Faisalabad.

Our Ref. No. CL/CED/ 2171

Dated: 16/06/2023

Test Specification

Your Ref. No. Alm/CMPak/23/056

Dated: 05/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 05/06/2023 Tested on: 16/06/2023 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	RCC Floor (3000 Psi)	4	5	2023	6Diax12	---	12.8	28.28	63	4990	---	Engraved
2	RCC Floor (3000 Psi)	4	5	2023	6Diax12	---	13.2	28.28	62	4911	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. M. Ramzan, CNIC # 37406-2787904-1

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- 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.

5402
 Dr. M. Yousaf

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

Project: Allied Bank D.R Center Faisalabad.

Our Ref. No. CL/CED/ 2172

Dated: 16/06/2023

Test Specification

Your Ref. No. PCS/23/Eng-56-A

Dated: 15/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 15/06/2023 **Tested on:** 16/06/2023 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Raft (2nd Pour 3000 Psi)	7	6	2023	6Diax12	---	13.2	28.28	36	2851	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

5402
 Dr. M. Yousaf

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

Project: Allied Bank D.R Center Faisalabad.

Our Ref. No. CL/CED/ 2173

Dated: 16/06/2023

Test Specification

Your Ref. No. PCS/23/Eng-56-B

Dated: 15/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 15/06/2023 **Tested on:** 16/06/2023 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Raft (2nd Pour 3000 Psi)	7	6	2023	6Diax12	---	13	28.28	26	2059	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

5402
 Dr. M. Yousaf

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

Project: Allied Bank D.R Center Faisalabad.

Our Ref. No. CL/CED/ 2174

Dated: 16/06/2023

Test Specification

Your Ref. No. PCS/23/Eng-56-C

Dated: 15/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 15/06/2023 **Tested on:** 16/06/2023 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Raft (2nd Pour 3000 Psi)	7	6	2023	6Diax12	---	13	28.28	39	3089	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

ORIGINAL
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5402
 Dr. M. Yousaf

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

Project: Allied Bank D.R Center Faisalabad.

Our Ref. No. CL/CED/ 2175

Dated: 16/06/2023

Test Specification

Your Ref. No. PCS/23/Eng-57-A

Dated: 15/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 15/06/2023 **Tested on:** 16/06/2023 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Mix Design (4000 Pi)	8	6	2023	6Diax12	---	13	28.28	42	3327	---	Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** 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

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

ORIGINAL
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5402
 Dr. M. Yousaf

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

Project: Allied Bank D.R Center Faisalabad.

Our Ref. No. CL/CED/ 2176

Dated: 16/06/2023

Test Specification

Your Ref. No. PCS/23/Eng-57-B

Dated: 15/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 15/06/2023 **Tested on:** 16/06/2023 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Mix Design (4000 Pi)	8	6	2023	6Diax12	---	14	28.28	44	3485	---	Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5402
 Dr. M. Yousaf

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

Project: Allied Bank D.R Center Faisalabad.

Our Ref. No. CL/CED/ 2177

Dated: 16/06/2023

Test Specification

Your Ref. No. PCS/23/Eng-57-C

Dated: 15/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 15/06/2023 **Tested on:** 16/06/2023 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Mix Design (4000 Pi)	8	6	2023	6Diax12	---	13.2	28.28	43	3406	---	Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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- 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.

5408
 Dr. M. Yousaf

To: Sub Divisional Officer
 Public Health Engineering Sub Division, Sialkot.

Project: Construction of Nullah and Providing and Laying of RCC Sewer from Village Kharotan Syedian to Nullah Palkhoo Pulli to Khana, Tehsil & District Sialkot.

Our Ref. No. CL/CED/ 2178

Dated: 16/06/2023

Test Specification

Your Ref. No. 03/Sd

Dated: 02/01/2023

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **15/06/2023** Tested on: **16/06/2023** in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	(1:2:4)	12	8	2022	6x6x6	---	8.4	36	84	5227	---	Non Engraved
2	(1:2:4)	12	8	2022	6x6x6	---	8.4	36	109	6782	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

5415
 Dr. M. Burhan

To: Mr. Ghulam Fareed
 Material Engineer, Strong Ready Mix

Project: Alfateh Mall (6000 Psi Lift Wall)

Our Ref. No. CL/CED/ 2179

Dated: 16/6/2023

Test Specification

Your Ref. No. Nil

Dated: 16/01/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16/6/2023 Tested on: 16/6/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	547 (6000 Psi)	18	5	2023	6Diax12	---	14	28.28	55	4356	---	Non Engraved
2	548 (6000 Psi)	18	5	2023	6Diax12	---	14	28.28	57	4515	---	Non Engraved
3	549 (6000 Psi)	18	5	2023	6Diax12	---	14	28.28	57	4515	---	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/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

5370
 Dr. M. Yousaf

To: Quality Construction Company, Engineers & Contractors
 (Supplied: PM Quality Construction Company, 41-D Nawab Town Lahore.)

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 2180

Dated: 16/6/2023

Test Specification

Your Ref. No. Nil

Dated: 09/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 9/6/2023 **Tested on:** 16/6/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Silo 03 Footing (3000 Psi)	25	5	2023	6Diax12	---	13.4	28.28	30	2376	---	Non Engraved
2	Silo 03 Footing (3000 Psi)	25	5	2023	6Diax12	---	13.2	28.28	32	2535	---	Non Engraved
3	Silo 03 Footing (3000 Psi)	25	5	2023	6Diax12	---	14	28.28	26	2059	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

5370
 Dr. M. Yousaf

To: Quality Construction Company, Engineers & Contractors
 (Supplied: PM Quality Construction Company, 41-D Nawab Town Lahore.)

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 2181

Dated: 16/6/2023

Test Specification

Your Ref. No. Nil

Dated: 09/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 9/6/2023 **Tested on:** 16/6/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Silo 01 Wall First Step (3000 Psi)	26	5	2023	6Diax12	---	13.6	28.28	25	1980	---	Non Engraved
2	Silo 01 Wall First Step (3000 Psi)	26	5	2023	6Diax12	---	13.2	28.28	32	2535	---	Non Engraved
3	Silo 01 Wall First Step (3000 Psi)	26	5	2023	6Diax12	---	13.2	28.28	30	2376	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

5370
 Dr. M. Yousaf

To: Quality Construction Company, Engineers & Contractors
 (Supplied: PM Quality Construction Company, 41-D Nawab Town Lahore.)

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 2182

Dated: 16/6/2023

Test Specification

Your Ref. No. Nil

Dated: 09/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 9/6/2023 **Tested on:** 16/6/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Silo 02 Wall First Step (3000 Psi)	27	5	2023	6Diax12	---	13	28.28	49	3881	---	Non Engraved
2	Silo 02 Wall First Step (3000 Psi)	27	5	2023	6Diax12	---	13	28.28	35	2772	---	Non Engraved
3	Silo 02 Wall First Step (3000 Psi)	27	5	2023	6Diax12	---	13	28.28	39	3089	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

5370
 Dr. M. Yousaf

To: Quality Construction Company, Engineers & Contractors
 (Supplied: PM Quality Construction Company, 41-D Nawab Town Lahore.)

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 2183

Dated: 16/6/2023

Test Specification

Your Ref. No. Nil

Dated: 09/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 9/6/2023 **Tested on:** 16/6/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Silo 04 Footing (3000 Psi)	28	5	2023	6Diax12	---	13.4	28.28	23	1822	---	Non Engraved
2	Silo 04 Footing (3000 Psi)	28	5	2023	6Diax12	---	13.2	28.28	32	2535	---	Non Engraved
3	Silo 04 Footing (3000 Psi)	28	5	2023	6Diax12	---	13	28.28	32	2535	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

5370
 Dr. M. Yousaf

To: Quality Construction Company, Engineers & Contractors
 (Supplied: PM Quality Construction Company, 41-D Nawab Town Lahore.)

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 2184

Dated: 16/6/2023

Test Specification

Your Ref. No. Nil

Dated: 09/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 9/6/2023 **Tested on:** 16/6/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Silo 01 Wall 2nd Step (3000 Psi)	31	5	2023	6Diax12	---	13.4	28.28	38	3010	---	Non Engraved
2	Silo 01 Wall 2nd Step (3000 Psi)	31	5	2023	6Diax12	---	13	28.28	32	2535	---	Non Engraved
3	Silo 01 Wall 2nd Step (3000 Psi)	31	5	2023	6Diax12	---	13	28.28	33	2614	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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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Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
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5370
 Dr. M. Yousaf

To: Quality Construction Company, Engineers & Contractors
 (Supplied: PM Quality Construction Company, 41-D Nawab Town Lahore.)

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 2185

Dated: 16/6/2023

Test Specification

Your Ref. No. Nil

Dated: 09/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 9/6/2023 **Tested on:** 16/6/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Silo 02 Wall 2nd Step (3000 Psi)	1	6	2023	6Diax12	---	13.4	28.28	37	2931	---	Non Engraved
2	Silo 02 Wall 2nd Step (3000 Psi)	1	6	2023	6Diax12	---	13.4	28.28	49	3881	---	Non Engraved
3	Silo 02 Wall 2nd Step (3000 Psi)	1	6	2023	6Diax12	---	13.6	28.28	33	2614	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

5396
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 19, GOR-I Lahore

Project: Up Gradation & Improvement of Open Air Theatre, Baghe-e-Jinnah, Lahore (ADP No. 6938)

Our Ref. No. CL/CED/ 2186

Dated: 16/6/2023

Test Specification

Your Ref. No. 1851-52

Dated: 12/05/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 13/6/2023 Tested on: 16/6/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	(1:1 1/2:3)	10	4	2023	6Diax12	---	13.6	28.28	67	5307	---	Non Engraved
2	(1:1 1/2:3)	10	4	2023	6Diax12	---	13.6	28.28	74	5861	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

5392
Dr. M. Yousaf

To: Sub Divisional Officer
Gujranwala Drainage Sub Division, Gujranwala

Project: Request for Testing of Concrete Cubes (6"x6"x6") Compressive Strength use in Project of Flood Protection of Kamoke and Adjoining Areas.

Our Ref. No. CL/CED/ 2187

Dated: 16/6/2023

Test Specification

Your Ref. No. 225/1-A

Dated: 31/5/2023

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 13/6/2023 Tested on: 16/6/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	R/S D/S PILE (1:1.5:3)	30	4	2023	6x6x6	---	8.4	36	78	4853	---	Non Engraved
2	R/S D/S PILE (1:1.5:3)	30	4	2023	6x6x6	---	8.6	36	40	2489	---	Non Engraved
3	R/S CTR PILE (1:1.5:3)	1	5	2023	6x6x6	---	8	36	62	3858	---	Non Engraved
4	R/S CTR PILE (1:1.5:3)	1	5	2023	6x6x6	---	8.8	36	93	5787	---	Non Engraved
5	R/S U/S PILE (1:1.5:3)	2	5	2023	6x6x6	---	8.4	36	68	4231	---	Non Engraved
6	R/S U/S PILE (1:1.5:3)	2	5	2023	6x6x6	---	8.2	36	60	3733	---	Non Engraved
7	R/S D/S PILE (1:1.5:3)	4	5	2023	6x6x6	---	8.2	36	89	5538	---	Non Engraved
8	R/S D/S PILE (1:1.5:3)	4	5	2023	6x6x6	---	8.2	36	68	4231	---	Non Engraved
9	R/S CTR PILE (1:1.5:3)	5	5	2023	6x6x6	---	8.2	36	66	4107	---	Non Engraved
10	R/S CTR PILE (1:1.5:3)	5	5	2023	6x6x6	---	8.2	36	70	4356	---	Non Engraved
11	R/S U/S PILE (1:1.5:3)	6	5	2023	6x6x6	---	8.6	36	96	5973	---	Non Engraved
12	R/S U/S PILE (1:1.5:3)	6	5	2023	6x6x6	---	8.6	36	99	6160	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Director/Dy. Director Concrete Laboratory



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Dr. M. Yousaf

To: Sub Divisional Officer
Gujranwala Drainage Sub Division, Gujranwala

Project: Request for Testing of Concrete Cubes (6"x6"x6") Compressive Strength use in Project of Flood Protection of Kamoke and Adjoining Areas.

Our Ref. No. CL/CED/ 2188

Dated: 16/6/2023

Test Specification

Your Ref. No. 226/1-A

Dated: 31/5/2023

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 13/6/2023 Tested on: 16/6/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	R/S PILE CAP (1:1.5:3)	5	5	2023	6x6x6	---	8.6	36	63	3920	---	Non Engraved
2	R/S PILE CAP (1:1.5:3)	5	5	2023	6x6x6	---	8.2	36	67	4169	---	Non Engraved
3	L/S PILE CAP (1:1.5:3)	8	5	2023	6x6x6	---	8.2	36	89	5538	---	Non Engraved
4	L/S PILE CAP (1:1.5:3)	8	5	2023	6x6x6	---	8.4	36	63	3920	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5380
 Dr. M. Yousaf

To: (Hafiz Ozair Ahmad)
 Deputy Director (Q.C.D), WASA, LDA, Lahore.

Project: Tender No. XEN (O&M-I)/GBT/2021-22/03/Sewerage Scheme For UC-57,58,59 & UC 61 to 69 & 72,73,74
 Lhr (M/s Mian Waqas Engr. & Brothers Pvt Ltd- Al Riaz Civil Engg. Services Pvt Ltd (JV)

Our Ref. No. CL/CED/ 2189

Dated: 16/6/2023

Test Specification

Your Ref. No. QCD/1075-76

Dated: 10/06/2023

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 12/06/2023 **Tested on:** 16/6/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	MA	---	---	---	8.9 x 4.3 x 3.1	3865	3425	38.27	33	1932	12.85	---
2	MA	---	---	---	8.9 x 4.4 x 3.1	3860	3425	39.16	38	2174	12.7	---
3	MA	---	---	---	8.9 x 4.3 x 2.9	3685	3265	38.27	37	2166	12.86	---
4	MA	---	---	---	8.9 x 4.3 x 2.9	3710	3290	38.27	45	2634	12.77	---
5	MA	---	---	---	8.9 x 4.3 x 3	3725	3215	38.27	37	2166	15.86	---
6	MA	---	---	---	9 x 4.4 x 3	3940	3390	39.6	33	1867	16.22	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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ORIGINAL
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5369
 Dr. M. Yousaf

To: Mr. Mirza Khizer Ali Baig
 Project Manager, Haris & Co.

Project: Construction of Ideal Filling Station Sargodha

Our Ref. No. CL/CED/ 2190

Dated: 16/6/2023

Test Specification

Your Ref. No. H&CO/IFS-KDR/01

Dated: 09/06/2023

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COMPRESSION TEST REPORT



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

Specimens received on: 09/06/2023 Tested on: 16/6/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	10	---	---	---	8.4 x 4.2 x 2.8	3300	2995	35.28	48	3048	10.18	---
2	10	---	---	---	8.4 x 4 x 2.9	3290	3020	33.6	43	2867	8.94	---
3	10	---	---	---	8.4 x 4 x 2.9	3240	3015	33.6	51	3400	7.46	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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