



**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.

5515  
 Dr. Umbreen

**To:** Sub Divisional Officer  
 Civil Const: Sub Division-II GSC, LESCO, Lahore.  
 Project: Construction of 132 Kv GIS Grid Station Zaamin City Housing Scheme Mouza Kacha Hydyara Drain near Fruit and Vegetable Market Kahna, Lahore. (Control House Building Pad)  
 Our Ref. No. CL/CED/ 2353      Dated: 17-07-23  
 Your Ref. No. D.M/CIVIL/GSC/LESCO/1996-98      Dated: 07-07-23

**Test Specification**  
 ( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-7-2023      Tested on: 17-07-23      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 (1:2:4)	27	5	2023	6Diax12	---	13.2	28.28	65	5149	---	Non Engraved
2	RCC (1:2:4)	27	5	2023	6Diax12	---	13	28.28	51	4040	---	Non Engraved
3	RCC (1:2:4)	27	5	2023	6Diax12	---	13	28.28	63	4990	---	Non Engraved
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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



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5514  
 Dr. Umbreen

**To:** Quality Construction Company  
 38-D, Chaudhry Plaza, Main Boulevard Commercial Area, Nawab Town, Raiwind Road, Lahore.

**Project:** Construction of Sunridge Foods SR III at Sharqpur Road LHR.

**Our Ref. No.** CL/CED/ 2354

**Dated:** 17-07-23

**Test Specification**

**Your Ref. No.** Nil

**Dated:** Nil

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: **11-07-23** Tested on: **17-07-23** 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	Technical Wall SILO#01(3000 Psi)	9	6	2023	6Diax12	---	13.4	28.28	35	2772	---	Non Engraved
2	Technical Wall SILO#01(3000 Psi)	9	6	2023	6Diax12	---	13.4	28.28	53	4198	---	Non Engraved
3	Technical Wall SILO#01(3000 Psi)	9	6	2023	6Diax12	---	13	28.28	45	3564	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

- \* 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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 Dr. Umbreen

**To:** Quality Construction Company  
 38-D, Chaudhry Plaza, Main Boulevard Commercial Area, Nawab Town, Raiwind Road, Lahore.

**Project:** Construction of Sunridge Foods SR III at Sharqpur Road LHR.

**Our Ref. No.** CL/CED/ 2355

**Dated:** 17-07-23

**Test Specification**

**Your Ref. No.** Nil

**Dated:** Nil

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

**Specimens received on:** 11-07-23 **Tested on:** 17-07-23 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	Wall 2nd Pour SILO#03(3000 Psi)	7	6	2023	6Diax12	---	13.4	28.28	43	3406	---	Non Engraved
2	Wall 2nd Pour SILO#03(3000 Psi)	7	6	2023	6Diax12	---	13.4	28.28	27	2139	---	Non Engraved
3	Wall 2nd Pour SILO#03(3000 Psi)	7	6	2023	6Diax12	---	13.2	28.28	41	3248	---	Non Engraved
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**Witnessed by:** Nil

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

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**To:** Quality Construction Company  
 38-D, Chaudhry Plaza, Main Boulevard Commercial Area, Nawab Town, Raiwind Road, Lahore.

**Project:** Construction of Sunridge Foods SR III at Sharqpur Road LHR.

**Our Ref. No.** CL/CED/ 2356

**Dated:** 17-07-23

**Test Specification**

**Your Ref. No.** Nil

**Dated:** Nil

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **11-07-23** Tested on: **17-07-23** 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	PCC SILO#04 (1200 Psi)	22	5	2023	6Diax12	---	13.2	28.28	17	1347	---	Non Engraved
2	PCC SILO#04 (1200 Psi)	22	5	2023	6Diax12	---	13	28.28	21	1663	---	Non Engraved
3	PCC SILO#04 (1200 Psi)	22	5	2023	6Diax12	---	13	28.28	14	1109	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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**Project:** Construction of Sunridge Foods SR III at Sharqpur Road LHR.

**Our Ref. No.** CL/CED/ 2357

**Dated:** 17-07-23

**Test Specification**

**Your Ref. No.** Nil

**Dated:** Nil

( ASTM C39 )

## COMPRESSION TEST REPORT



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Specimens received on: **11-07-23** Tested on: **17-07-23** 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	Footing SILO#02 (3000 Psi)	23	5	2023	6Diax12	---	13.2	28.28	55	4356	---	Non Engraved
2	Footing SILO#02 (3000 Psi)	23	5	2023	6Diax12	---	13.2	28.28	45	3564	---	Non Engraved
3	Footing SILO#02 (3000 Psi)	23	5	2023	6Diax12	---	13	28.28	53	4198	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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