



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.

7350
 Dr. Umbreen

To: Mr. Majid Nazir
 Project Incharge, M. Aslam Khan & Associates

Project: Construction of House No. 47-A in Nisar Colony Cantt. Lahore (Raft Foundation)

Our Ref. No. CL/CED/ 5162

Dated: 28/6/2024

Test Specification

Your Ref. No. Nil

Dated: 25-06-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26-06-24 Tested on: 28/6/2024 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	(3000 Psi)	30	5	2024	6Diax12	---	13	28.28	74	5861	---	Non Engraved
2	(3000 Psi)	30	5	2024	6Diax12	---	13.4	28.28	46	3644	---	Non Engraved
3	(3000 Psi)	30	5	2024	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
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Witnessed by:

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

- * 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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7329
 Dr. Umbreen

To: Project Manager
Fantasy Builders & Developers

Project: Construction of FANTASY PLAZA, Dream Garden, Lahore

Our Ref. No. CL/CED/ 5163

Dated: 28-06-24

Test Specification

Your Ref. No. Nil

Dated: 24-06-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24-06-24 Tested on: 28/6/2024 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	(4000 Psi)	13	6	2024	6Diax12	---	13	28.28	40	3168	---	Engraved
2	(4000 Psi)	13	6	2024	6Diax12	---	14	28.28	64	5069	---	Engraved
3	(4000 Psi)	13	6	2024	6Diax12	---	13.6	28.28	34	2693	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * 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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7293
 Dr. Umbreen

To: PM
 Quality Construction Company 41-D Nawab Town Lhr
 Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
 Our Ref. No. CL/CED/ 5164
 Your Ref. No. Nil

Dated: 28/6/2024
 Dated: 10-06-24

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 28/6/2024 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 #10 RCC Slab (3000 Psi)	19	2	2024	6Diax12	---	14	28.28	74	5861	---	Non Engraved
2	Silo #10 RCC Slab (3000 Psi)	19	2	2024	6Diax12	---	13.6	28.28	84	6653	---	Non Engraved
3	Silo #10 RCC Slab (3000 Psi)	19	2	2024	6Diax12	---	14	28.28	78	6178	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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 Dr. Umbreen

To: PM
 Quality Construction Company 41-D Nawab Town Lhr
 Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
 Our Ref. No. CL/CED/ 5165
 Your Ref. No. Nil

Dated: 28/6/2024 Test Specification
 Dated: 10-06-24 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 28/6/2024 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 #11 Trench Wall (3000 Psi)	13	2	2024	6Diax12	---	13.4	28.28	82	6495	---	Non Engraved
2	Silo #11 Trench Wall (3000 Psi)	13	2	2024	6Diax12	---	13	28.28	48	3802	---	Non Engraved
3	Silo #11 Trench Wall (3000 Psi)	13	2	2024	6Diax12	---	13	28.28	42	3327	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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To: PM
 Quality Construction Company 41-D Nawab Town Lhr
 Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
 Our Ref. No. CL/CED/ 5166
 Your Ref. No. Nil

Dated: 28/6/2024
 Dated: 10-06-24

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 28/6/2024 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 #11 Trench Base (3000 Psi)	4	2	2024	6Diax12	---	13.8	28.28	68	5386	---	Non Engraved
2	Silo #11 Trench Base (3000 Psi)	4	2	2024	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
3	Silo #11 Trench Base (3000 Psi)	4	2	2024	6Diax12	---	13.2	28.28	84	6653	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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To: PM
 Quality Construction Company 41-D Nawab Town Lhr
 Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
 Our Ref. No. CL/CED/ 5167
 Your Ref. No. Nil

Dated: 28/6/2024
 Dated: 10-06-24

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 28/6/2024 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 #11 Silo Wall 2nd Pour (3 ksi)	29	1	2024	6Diax12	---	14	28.28	84	6653	---	Non Engraved
2	Silo #11 Silo Wall 2nd Pour (3 ksi)	29	1	2024	6Diax12	---	14	28.28	68	5386	---	Non Engraved
3	Silo #11 Silo Wall 2nd Pour (3 ksi)	29	1	2024	6Diax12	---	13.8	28.28	55	4356	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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 Quality Construction Company 41-D Nawab Town Lhr
 Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
 Our Ref. No. CL/CED/ 5168
 Your Ref. No. Nil

Dated: 28/6/2024
 Dated: 10-06-24

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 28/6/2024 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 #11 Silo Wall 1st Pour (3 ksi)	8	1	2024	6Diax12	---	14	28.28	76	6020	---	Non Engraved
2	Silo #11 Silo Wall 1st Pour (3 ksi)	8	1	2024	6Diax12	---	13	28.28	46	3644	---	Non Engraved
3	Silo #11 Silo Wall 1st Pour (3 ksi)	8	1	2024	6Diax12	---	14	28.28	80	6337	---	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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 Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
 Our Ref. No. CL/CED/ 5169
 Your Ref. No. Nil

Dated: 28/6/2024 Test Specification
 Dated: 10-06-24 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 28/6/2024 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 #11 Silo Foundation (3 ksi)	3	1	2024	6Diax12	---	13.8	28.28	36	2851	---	Non Engraved
2	Silo #11 Silo Foundation (3 ksi)	3	1	2024	6Diax12	---	14	28.28	48	3802	---	Non Engraved
3	Silo #11 Silo Foundation (3 ksi)	3	1	2024	6Diax12	---	13.8	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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

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.

7293
Dr. Umbreen

To: PM
Quality Construction Company 41-D Nawab Town Lhr
Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
Our Ref. No. CL/CED/ 5170
Your Ref. No. Nil

Dated: 28/6/2024
Dated: 10-06-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 28/6/2024 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 #11 RCC Slab (3000 Psi)	25	2	2024	6Diax12	---	13.6	28.28	28	2218	---	Non Engraved
2	Silo #11 RCC Slab (3000 Psi)	25	2	2024	6Diax12	---	13.4	28.28	88	6970	---	Non Engraved
3	Silo #11 RCC Slab (3000 Psi)	25	2	2024	6Diax12	---	13.2	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-reports/>

- * 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



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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7293
 Dr. Umbreen

To: PM
 Quality Construction Company 41-D Nawab Town Lhr
 Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
 Our Ref. No. CL/CED/ 5171
 Your Ref. No. Nil

Dated: 28/6/2024
 Dated: 10-06-24

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 28/6/2024 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 #12 RCC Slab (3000 Psi)	3	11	2024	6Diax12	---	13.4	28.28	38	3010	---	Non Engraved
2	Silo #12 RCC Slab (3000 Psi)	3	11	2024	6Diax12	---	13.2	28.28	40	3168	---	Non Engraved
3	Silo #12 RCC Slab (3000 Psi)	3	11	2024	6Diax12	---	13.4	28.28	42	3327	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * 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

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Director/Dy. Director Concrete Laboratory



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

ORIGINAL
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7293
 Dr. Umbreen

To: PM
 Quality Construction Company 41-D Nawab Town Lhr
 Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
 Our Ref. No. CL/CED/ 5172
 Your Ref. No. Nil

Dated: 28/6/2024
 Dated: 10-06-24

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 28/6/2024 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 #7 Trench Wall (3000 Psi)	12	10	2023	6Diax12	---	13.8	28.28	84	6653	---	Non Engraved
2	Silo #7 Trench Wall (3000 Psi)	12	10	2023	6Diax12	---	13.8	28.28	46	3644	---	Non Engraved
3	Silo #7 Trench Wall (3000 Psi)	12	10	2023	6Diax12	---	14	28.28	42	3327	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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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7293
 Dr. Umbreen

To: PM
 Quality Construction Company 41-D Nawab Town Lhr
 Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
 Our Ref. No. CL/CED/ 5173
 Your Ref. No. Nil

Dated: 28/6/2024 Test Specification
 Dated: 10-06-24 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 28/6/2024 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 #9 Silo Foundation (3 ksi)	29	2	2024	6Diax12	---	13.6	28.28	60	4752	---	Non Engraved
2	Silo #9 Silo Foundation (3 ksi)	29	2	2024	6Diax12	---	13.6	28.28	93	7366	---	Non Engraved
3	Silo #9 Silo Foundation (3 ksi)	29	2	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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Director/Dy. Director Concrete Laboratory



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

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To: PM
 Quality Construction Company 41-D Nawab Town Lhr
 Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
 Our Ref. No. CL/CED/ 5174
 Your Ref. No. Nil

Dated: 28/6/2024 Test Specification
 Dated: 10-06-24 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 28/6/2024 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 #9 Silo Wall 1st Pour (3 ksi)	28	3	2024	6Diax12	---	13.8	28.28	52	4119	---	Non Engraved
2	Silo #9 Silo Wall 1st Pour (3 ksi)	28	3	2024	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
3	Silo #9 Silo Wall 1st Pour (3 ksi)	28	3	2024	6Diax12	---	13	28.28	80	6337	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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Director/Dy. Director Concrete Laboratory



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

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7293
 Dr. Umbreen

To: PM
 Quality Construction Company 41-D Nawab Town Lhr
 Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
 Our Ref. No. CL/CED/ 5175
 Your Ref. No. Nil

Dated: 28/6/2024 **Test Specification**
Dated: 10-06-24 **(ASTM C39)**

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 28/6/2024 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 #9 Silo Wall 2nd Pour (3 ksi)	7	4	2024	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
2	Silo #9 Silo Wall 2nd Pour (3 ksi)	7	4	2024	6Diax12	---	13.2	28.28	78	6178	---	Non Engraved
3	Silo #9 Silo Wall 2nd Pour (3 ksi)	7	4	2024	6Diax12	---	13.2	28.28	20	1584	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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 Dr. Umbreen

To: PM
 Quality Construction Company 41-D Nawab Town Lhr
 Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
 Our Ref. No. CL/CED/ 5176
 Your Ref. No. Nil

Dated: 28/6/2024
 Dated: 10-06-24

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 28/6/2024 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 #9 Trench Base (3000 Psi)	7	4	2024	6Diax12	---	14.2	28.28	86	6812	---	Non Engraved
2	Silo #9 Trench Base (3000 Psi)	7	4	2024	6Diax12	---	13.2	28.28	42	3327	---	Non Engraved
3	Silo #9 Trench Base (3000 Psi)	7	4	2024	6Diax12	---	13.2	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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Civil Engineering Department

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7293
 Dr. Umbreen

To: PM
 Quality Construction Company 41-D Nawab Town Lhr
 Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
 Our Ref. No. CL/CED/ 5177
 Your Ref. No. Nil

Dated: 28/6/2024
 Dated: 10-06-24

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 28/6/2024 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 #9 Trench Wall (3000 Psi)	18	5	2024	6Diax12	---	14	28.28	34	2693	---	Non Engraved
2	Silo #9 Trench Wall (3000 Psi)	18	5	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
3	Silo #9 Trench Wall (3000 Psi)	18	5	2024	6Diax12	---	13.8	28.28	68	5386	---	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" dia x 12" 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
 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.

7293
 Dr. Umbreen

To: PM
 Quality Construction Company 41-D Nawab Town Lhr
 Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
 Our Ref. No. CL/CED/ 5178
 Your Ref. No. Nil

Dated: 28/6/2024
 Dated: 10-06-24

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 28/6/2024 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 #10 Trench Wall (3000 Psi)	27	1	2024	6Diax12	---	14	28.28	72	5703	---	Non Engraved
2	Silo #10 Trench Wall (3000 Psi)	27	1	2024	6Diax12	---	14	28.28	90	7129	---	Non Engraved
3	Silo #10 Trench Wall (3000 Psi)	27	1	2024	6Diax12	---	13.8	28.28	36	2851	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Director/Dy. Director Concrete Laboratory



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

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7293
 Dr. Umbreen

To: PM
 Quality Construction Company 41-D Nawab Town Lhr
 Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
 Our Ref. No. CL/CED/ 5179
 Your Ref. No. Nil

Dated: 28/6/2024 Test Specification
 Dated: 10-06-24 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 28/6/2024 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 #10 Trench Base (3000 Psi)	8	1	2024	6Diax12	---	13.8	28.28	64	5069	---	Non Engraved
2	Silo #10 Trench Base (3000 Psi)	8	1	2024	6Diax12	---	13.8	28.28	64	5069	---	Non Engraved
3	Silo #10 Trench Base (3000 Psi)	8	1	2024	6Diax12	---	14	28.28	100	7921	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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 Dr. Umbreen

To: PM
 Quality Construction Company 41-D Nawab Town Lhr
 Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
 Our Ref. No. CL/CED/ 5180
 Your Ref. No. Nil

Dated: 28/6/2024
 Dated: 10-06-24

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 28/6/2024 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 #10 Silo Wall 2nd Pour (3 ksi)	1	1	2024	6Diax12	---	13	28.28	36	2851	---	Non Engraved
2	Silo #10 Silo Wall 2nd Pour (3 ksi)	1	1	2024	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
3	Silo #10 Silo Wall 2nd Pour (3 ksi)	1	1	2024	6Diax12	---	13.6	28.28	70	5545	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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To: PM
 Quality Construction Company 41-D Nawab Town Lhr
 Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
 Our Ref. No. CL/CED/ 5181
 Your Ref. No. Nil

Dated: 28/6/2024 Test Specification
 Dated: 10-06-24 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 28/6/2024 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 #10 Silo Wall 1st Pour (3 ksi)	29	12	2023	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	Silo #10 Silo Wall 1st Pour (3 ksi)	29	12	2023	6Diax12	---	13	28.28	28	2218	---	Non Engraved
3	Silo #10 Silo Wall 1st Pour (3 ksi)	29	12	2023	6Diax12	---	14	28.28	76	6020	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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 Quality Construction Company 41-D Nawab Town Lhr
 Project: SUNRIDGE FOODS SR III at Sharqpur Road Lhr
 Our Ref. No. CL/CED/ 5182
 Your Ref. No. Nil

Dated: 28/6/2024 **Test Specification**
Dated: 10-06-24 **(ASTM C39)**

COMPRESSION TEST REPORT



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

Specimens received on: **10/6/2024** Tested on: **28/6/2024** 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 #10 Silo Foundation (3 ksi)	25	12	2023	6Diax12	---	14	28.28	30	2376	---	Non Engraved
2	Silo #10 Silo Foundation (3 ksi)	25	12	2023	6Diax12	---	13.8	28.28	60	4752	---	Non Engraved
3	Silo #10 Silo Foundation (3 ksi)	25	12	2023	6Diax12	---	13.8	28.28	30	2376	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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