



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.

6439
 Dr. Umbreen

To: PM
 Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 3819

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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-06 Trench Bed (3000 Psi)	7	11	2023	6Diax12	---	13.4	28.28	82	6495	---	Non Engraved
2	Silo-06 Trench Bed (3000 Psi)	7	11	2023	6Diax12	---	14	28.28	48	3802	---	Non Engraved
3	Silo-06 Trench Bed (3000 Psi)	7	11	2023	6Diax12	---	14	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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To: PM
 Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 3820

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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-5 Wall 2nd Pour (3000 Psi)	15	9	2023	6Diax12	---	14	28.28	70	5545	---	Non Engraved
2	Silo-5 Wall 2nd Pour (3000 Psi)	15	9	2023	6Diax12	---	14	28.28	75	5941	---	Non Engraved
3	Silo-5 Wall 2nd Pour (3000 Psi)	15	9	2023	6Diax12	---	13.6	28.28	78	6178	---	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

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Director/Dy. Director Concrete Laboratory



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To: PM
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Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 3821

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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	Receiving Pit Wall (3000 Psi)	26	9	2023	6Diax12	---	13.4	28.28	56	4436	---	Non Engraved
2	Receiving Pit Wall (3000 Psi)	26	9	2023	6Diax12	---	13	28.28	53	4198	---	Non Engraved
3	Receiving Pit Wall (3000 Psi)	26	9	2023	6Diax12	---	13.4	28.28	64	5069	---	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
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Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 3822

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: 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-5 Trench Bed (3000 Psi)	27	9	2023	6Diax12	---	14	28.28	68	5386	---	Non Engraved
2	Silo-5 Trench Bed (3000 Psi)	27	9	2023	6Diax12	---	13.2	28.28	66	5228	---	Non Engraved
3	Silo-5 Trench Bed (3000 Psi)	27	9	2023	6Diax12	---	14	28.28	50	3960	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 3823

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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-12 Footing (3000 Psi)	1	10	2023	6Diax12	---	13	28.28	76	6020	---	Non Engraved
2	Silo-12 Footing (3000 Psi)	1	10	2023	6Diax12	---	13.4	28.28	80	6337	---	Non Engraved
3	Silo-12 Footing (3000 Psi)	1	10	2023	6Diax12	---	13.4	28.28	66	5228	---	Non Engraved
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Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 3824

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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-05 Trench Wall (3000 Psi)	2	10	2023	6Diax12	---	13.4	28.28	40	3168	---	Non Engraved
2	Silo-05 Trench Wall (3000 Psi)	2	10	2023	6Diax12	---	13	28.28	74	5861	---	Non Engraved
3	Silo-05 Trench Wall (3000 Psi)	2	10	2023	6Diax12	---	13.2	28.28	74	5861	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 3825

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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-05 Top slab (3000 Psi)	9	10	2023	6Diax12	---	13	28.28	53	4198	---	Non Engraved
2	Silo-05 Top slab (3000 Psi)	9	10	2023	6Diax12	---	13.2	28.28	95	7525	---	Non Engraved
3	Silo-05 Top slab (3000 Psi)	9	10	2023	6Diax12	---	13.2	28.28	86	6812	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 3826

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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Specimens received on: 22/12/2023 Tested on: 29/12/2023 in dry/wet condition

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		DD	MM	YYYY								
1	Silo-07 Top slab (3000 Psi)	30	10	2023	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
2	Silo-07 Top slab (3000 Psi)	30	10	2023	6Diax12	---	13	28.28	68	5386	---	Non Engraved
3	Silo-07 Top slab (3000 Psi)	39	10	2023	6Diax12	---	13.2	28.28	74	5861	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
 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.

6439
 Dr. Umbreen

To: PM
 Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 3827

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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-12 Trench Bed (3000 Psi)	11	10	2023	6Diax12	---	13.2	28.28	58	4594	---	Non Engraved
2	Silo-12 Trench Bed (3000 Psi)	11	10	2023	6Diax12	---	13	28.28	68	5386	---	Non Engraved
3	Silo-12 Trench Bed (3000 Psi)	11	10	2023	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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

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



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

ORIGINAL
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6439
 Dr. Umbreen

To: PM
 Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 3828

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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-08 Base (3000 Psi)	16	10	2023	6Diax12	---	13.4	28.28	36	2851	---	Non Engraved
2	Silo-08 Base (3000 Psi)	16	10	2023	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
3	Silo-08 Base (3000 Psi)	16	10	2023	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6439
 Dr. Umbreen

To: PM
 Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 3829

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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-06 Footing (3000 Psi)	29	10	2023	6Diax12	---	14	28.28	66	5228	---	Non Engraved
2	Silo-06 Footing (3000 Psi)	29	10	2023	6Diax12	---	13	28.28	64	5069	---	Non Engraved
3	Silo-06 Footing (3000 Psi)	29	10	2023	6Diax12	---	13	28.28	56	4436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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

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

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

ORIGINAL
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6439
Dr. Umbreen

To: PM
Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 3830

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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-08 Trench (3000 Psi)	1	11	2023	6Diax12	---	13.4	28.28	84	6653	---	Non Engraved
2	Silo-08 Trench (3000 Psi)	1	11	2023	6Diax12	---	13.2	28.28	74	5861	---	Non Engraved
3	Silo-08 Trench (3000 Psi)	1	11	2023	6Diax12	---	14	28.28	81	6416	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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/>

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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
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6439
Dr. Umbreen

To: PM
Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 3831

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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-12 Top Slab (3000 Psi)	3	11	2023	6Diax12	---	13	28.28	52	4119	---	Non Engraved
2	Silo-12 Top Slab (3000 Psi)	3	11	2023	6Diax12	---	14	28.28	58	4594	---	Non Engraved
3	Silo-12 Top Slab (3000 Psi)	3	11	2023	6Diax12	---	14	28.28	33	2614	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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Director/Dy. Director Concrete Laboratory



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

ORIGINAL
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6439
 Dr. Umbreen

To: PM
 Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 3832

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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-08 Silo Wall 1st Pour(3000 Psi)	20	10	2023	6Diax12	---	13.2	28.28	75	5941	---	Non Engraved
2	Silo-08 Silo Wall 1st Pour(3000 Psi)	20	10	2023	6Diax12	---	13.2	28.28	73	5782	---	Non Engraved
3	Silo-08 Silo Wall 1st Pour(3000 Psi)	20	10	2023	6Diax12	---	13.4	28.28	60	4752	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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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, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 3833

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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-08 Top Slab (3000 Psi)	9	11	2023	6Diax12	---	14	28.28	42	3327	---	Non Engraved
2	Silo-08 Top Slab (3000 Psi)	9	11	2023	6Diax12	---	13.4	28.28	74	5861	---	Non Engraved
3	Silo-08 Top Slab (3000 Psi)	9	11	2023	6Diax12	---	13	28.28	80	6337	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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Dr. Umbreen

To: PM
Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 3834

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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-06 Wall 2nd Pour (3000 Psi)	11	11	2023	6Diax12	---	13.4	28.28	66	5228	---	Non Engraved
2	Silo-06 Wall 2nd Pour (3000 Psi)	11	11	2023	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
3	Silo-06 Wall 2nd Pour (3000 Psi)	11	11	2023	6Diax12	---	13	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * 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.

6439
 Dr. Umbreen

To: PM
 Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 3835

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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-06 Trench Wall (3000 Psi)	16	11	2023	6Diax12	---	13.4	28.28	82	6495	---	Non Engraved
2	Silo-06 Trench Wall (3000 Psi)	16	11	2023	6Diax12	---	13	28.28	53	4198	---	Non Engraved
3	Silo-06 Trench Wall (3000 Psi)	16	11	2023	6Diax12	---	13.4	28.28	52	4119	---	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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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.

6439
 Dr. Umbreen

To: PM
 Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 3836

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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	Cleaning Tower 1st Slab (3000 Psi)	22	9	2023	6Diax12	---	13.2	28.28	60	4752	---	Non Engraved
2	Cleaning Tower 1st Slab (3000 Psi)	22	9	2023	6Diax12	---	14	28.28	61	4832	---	Non Engraved
3	Cleaning Tower 1st Slab (3000 Psi)	22	9	2023	6Diax12	---	13.4	28.28	52	4119	---	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.

6439
 Dr. Umbreen

To: PM
 Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore (Cleaning Tower 2nd Slab Column)

Our Ref. No. CL/CED/ 3837

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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	2nd Slab Col.(3000 Psi)	24	9	2023	6Diax12	---	13	28.28	60	4752	---	Non Engraved
2	2nd Slab Col.(3000 Psi)	24	9	2023	6Diax12	---	13	28.28	55	4356	---	Non Engraved
3	2nd Slab Col.(3000 Psi)	24	9	2023	6Diax12	---	13.2	28.28	41	3248	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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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.

6439
Dr. Umbreen

To: PM
Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr
Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore (Cleaning Tower Top Slab)

Our Ref. No. CL/CED/ 3838

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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	Top Slab (3000 Psi)	8	10	2023	6Diax12	---	13.2	28.28	73	5782	---	Non Engraved
2	Top Slab (3000 Psi)	8	10	2023	6Diax12	---	13	28.28	74	5861	---	Non Engraved
3	Top Slab (3000 Psi)	8	10	2023	6Diax12	---	13.4	28.28	73	5782	---	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-reports/>

- * 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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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
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6439
 Dr. Umbreen

To: PM
 Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore

Our Ref. No. CL/CED/ 3839

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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	Receiving Pit Wall (3000 Psi)	26	9	2023	6Diax12	---	13.2	28.28	60	4752	---	Non Engraved
2	Receiving Pit Wall (3000 Psi)	26	9	2023	6Diax12	---	13.4	28.28	92	7287	---	Non Engraved
3	Receiving Pit Wall (3000 Psi)	26	9	2023	6Diax12	---	13.2	28.28	40	3168	---	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/>

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

ORIGINAL
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6439
 Dr. Umbreen

To: PM
 Quality Construction Company, Engineers & Contractors, 41-D, Nawab Town, Lhr

Project: SUNRIDGE FOODS SR III at Sharqpur Road Lahore (Cleaning Tower Column 2nd Pour)

Our Ref. No. CL/CED/ 3840

Dated: 29/12/2023

Test Specification

Your Ref. No. Nil

Dated: 22/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/12/2023 Tested on: 29/12/2023 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	2nd Pour (4000 Psi)	7	9	2023	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
2	2nd Pour (4000 Psi)	7	9	2023	6Diax12	---	12.8	28.28	48	3802	---	Non Engraved
3	2nd Pour (4000 Psi)	7	9	2023	6Diax12	---	13	28.28	74	5861	---	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
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- **** 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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- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

ORIGINAL
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6447
 Dr. Umbreen

To: Mr. SADAT WALEED ANSARI
 Chief Resident Engineer/TL, JERS Consultancy (Pvt) Ltd

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

Our Ref. No. CL/CED/ 3841

Dated: 29/12/2023

Test Specification

Your Ref. No. 488-J01-102-07-01/CS/11

Dated: 27/12/2023

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 27/12/2023 Tested on: 29-12-23 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	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4380	36.99	109	6601	---	---
2	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4465	36.99	133	8054	---	---
3	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4285	36.99	94	5692	---	---
4	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4435	36.99	121	7327	---	---
5	Uni-Block, Red, 80mm	---	---	---	3.2 thick	---	4355	36.99	115	6964	---	---
6	Uni-Block, Red, 80mm	---	---	---	3.2 thick	---	4265	36.99	97	5874	---	---
7	Uni-Block, Red, 80mm	---	---	---	3.2 thick	---	4355	36.99	103	6237	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Sadat Waleed, CRE JERS; Mr. Ghulam Murtaza PO (ID); Syed Musa Design Engineer JERS Consultancy

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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- **** ACI318-08 requires mean of two sample (6" dia x 12" 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.

6454
 Dr. Umbreen

To: ARE
 MMP Package V, Okara

Project: Punjab Cities Program (PCP)- Detailed Design of Infrastructure Sub-Projects, Sectoral Planning & Resident Supervision in 16 Cities of Punjab.

Our Ref. No. CL/CED/ 3842

Dated: 29/12/2023

Test Specification

Your Ref. No. MMP/MCO/PCP/146/2023

Dated: 28-12-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 28-12-23 Tested on: 29/12/2023 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	I-Section, Grey, 60mm	---	---	---	2.3 thick	---	3320	42.66	64	3361	---	---
2	I-Section, Grey, 60mm	---	---	---	2.3 thick	---	3850	42.66	196	10292	---	---
3	I-Section, Grey, 60mm	---	---	---	2.3 thick	---	3935	42.66	148	7771	---	---
4	I-Section, Grey, 60mm	---	---	---	2.3 thick	---	3565	42.66	117	6143	---	---
5	I-Section, Grey, 60mm	---	---	---	2.3 thick	---	3875	42.66	142	7456	---	---
6	I-Section, Grey, 60mm	---	---	---	2.3 thick	---	3990	42.66	173	9084	---	---
7	I-Section, Grey, 60mm	---	---	---	2.3 thick	---	3440	42.66	93	4883	---	---
8	I-Section, Grey, 60mm	---	---	---	2.3 thick	---	3860	42.66	174	9136	---	---
9	I-Section, Red, 60mm	---	---	---	2.3 thick	---	3805	42.66	150	7876	---	---
10	I-Section, Red, 60mm	---	---	---	2.3 thick	---	3570	42.66	130	6826	---	---
11	I-Section, Red, 60mm	---	---	---	2.3 thick	---	3720	42.66	130	6826	---	---
12	I-Section, Red, 60mm	---	---	---	2.3 thick	---	3665	42.66	130	6826	---	---
13	I-Section, Red, 60mm	---	---	---	2.3 thick	---	3680	42.66	107	5618	---	---
14	I-Section, Red, 60mm	---	---	---	2.3 thick	---	3810	42.66	168	8821	---	---
15	I-Section, Red, 60mm	---	---	---	2.3 thick	---	3665	42.66	114	5986	---	---
16	I-Section, Red, 60mm	---	---	---	2.3 thick	---	3565	42.66	95	4988	---	---

Witnessed by: Mr. Ghulam Murtaza PO (ID); Mr. M. Ismail ARE MMP; Mr. Waseem Ahmed Hashmi

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" dia x 12" 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