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.

6546
Dr. Umbreen

To: Engr. M. Abrar Ahmad
ABRAR AHMAD ASSOCIATES.

Project: Construction of 49-Ghaznavi Comm. Bahria Town Lahore.

Our Ref. No. CL/CED/ 3998 **Dated: 19/01/2024**

Your Ref. No. Nil **Dated: 16/1/2024**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16/1/2024 Tested on: 19/1/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	GF Column & Lift Concrete	23	12	2023	6Diax12	---	13	28.28	30	2376	---	Non Engraved
2	GF Column & Lift Concrete	23	12	2023	6Diax12	---	12	28.28	39	3089	---	Non Engraved
3	GF Column & Lift Concrete	23	12	2023	6Diax12	---	12.4	28.28	24	1901	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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

ORIGINAL
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6546
Dr. Umbreen

To: Engr. M. Abrar Ahmad
ABRAR AHMAD ASSOCIATES.

Project: Construction of 49-Ghaznavi Comm. Bahria Town Lahore

Our Ref. No. CL/CED/ 3999 **Dated: 19/01/2024** **Test Specification**

Your Ref. No. Nil **Dated: 16/1/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/1/2024 Tested on: 19/1/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Ground Floor Slab	6	1	2024	6Diax12	---	12.6	28.28	48	3802	---	Non Engraved
2	Ground Floor Slab	6	1	2024	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
3	Ground Floor Slab	6	1	2024	6Diax12	---	13.2	28.28	24	1901	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

ORIGINAL
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6551
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/ 4000 **Dated: 19/01/2024** **Test Specification**

Your Ref. No. Nil **Dated: 16/1/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/1/2024 **Tested on:** 19/1/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Tempering Col. 1-6 (4000 Psi)	4	9	2023	6Diax12	---	13.6	28.28	78	6178	---	Non Engraved
2	Tempering Col. 1-6 (4000 Psi)	4	9	2023	6Diax12	---	13.6	28.28	70	5545	---	Non Engraved
3	Tempering Col. 1-6 (4000 Psi)	4	9	2023	6Diax12	---	13.4	28.28	74	5861	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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Civil Engineering Department
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ORIGINAL
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6551
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/ 4001 **Dated: 19/01/2024** **Test Specification**

Your Ref. No. Nil **Dated: 16/1/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/1/2024 Tested on: 19/1/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Foundation Silo #07 (3000 Psi)	4	10	2023	6Diax12	---	13	28.28	60	4752	---	Non Engraved
2	Foundation Silo #07 (3000 Psi)	4	10	2023	6Diax12	---	13	28.28	62	4911	---	Non Engraved
3	Foundation Silo #07 (3000 Psi)	4	10	2023	6Diax12	---	13	28.28	42	3327	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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ORIGINAL
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6551
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/ 4002 **Dated: 19/01/2024** **Test Specification**

Your Ref. No. Nil **Dated: 16/1/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/1/2024 Tested on: 19/1/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Wall 1st Pour Silo #6 (3000 Psi)	2	11	2023	6Diax12	---	13.6	28.28	48	3802	---	Non Engraved
2	Wall 1st Pour Silo #6 (3000 Psi)	2	11	2023	6Diax12	---	13.4	28.28	56	4436	---	Non Engraved
3	Wall 1st Pour Silo #6 (3000 Psi)	2	11	2023	6Diax12	---	13	28.28	64	5069	---	Non Engraved
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Witnessed by:

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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6551
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/ 4003 **Dated: 19/01/2024** **Test Specification**

Your Ref. No. Nil **Dated: 16/1/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/1/2024 **Tested on:** 19/1/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Wall 1st Pour Silo #7 (3000 Psi)	8	10	2023	6Diax12	---	13.2	28.28	76	6020	---	Non Engraved
2	Wall 1st Pour Silo #7 (3000 Psi)	8	10	2023	6Diax12	---	13.4	28.28	41	3248	---	Non Engraved
3	Wall 1st Pour Silo #7 (3000 Psi)	8	10	2023	6Diax12	---	13.6	28.28	70	5545	---	Non Engraved
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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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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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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/ 4004 **Dated: 19/01/2024** **Test Specification**

Your Ref. No. Nil **Dated: 16/1/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/1/2024 Tested on: 19/1/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Wall 1st Pour Silo #12 (3000 Psi)	4	10	2023	6Diax12	---	14.2	28.28	68	5386	---	Non Engraved
2	Wall 1st Pour Silo #12 (3000 Psi)	4	10	2023	6Diax12	---	14	28.28	74	5861	---	Non Engraved
3	Wall 1st Pour Silo #12 (3000 Psi)	4	10	2023	6Diax12	---	14	28.28	76	6020	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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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/ 4005 **Dated: 19/01/2024** **Test Specification**

Your Ref. No. Nil **Dated: 16/1/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/1/2024 **Tested on:** 19/1/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Wall 2nd Pour Silo #7 (3000 Psi)	12	10	2023	6Diax12	---	14	28.28	78	6178	---	Non Engraved
2	Wall 2nd Pour Silo #7 (3000 Psi)	12	10	2023	6Diax12	---	14	28.28	76	6020	---	Non Engraved
3	Wall 2nd Pour Silo #7 (3000 Psi)	12	10	2023	6Diax12	---	13	28.28	76	6020	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

6551
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/ 4006 **Dated: 19/01/2024** **Test Specification**

Your Ref. No. Nil **Dated: 16/1/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/1/2024 **Tested on:** 19/1/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Wall 2nd Pour Silo #8 (3000 Psi)	26	10	2023	6Diax12	---	13.4	28.28	36	2851	---	Non Engraved
2	Wall 2nd Pour Silo #8 (3000 Psi)	26	10	2023	6Diax12	---	14	28.28	82	6495	---	Non Engraved
3	Wall 2nd Pour Silo #8 (3000 Psi)	26	10	2023	6Diax12	---	14	28.28	78	6178	---	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-reports1/

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

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

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

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

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

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

6551
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/ 4007 **Dated: 19/01/2024** **Test Specification**

Your Ref. No. Nil **Dated: 16/1/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/1/2024 Tested on: 19/1/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Wall 2nd Pour Silo #12 (3000 Psi)	7	10	2023	6Diax12	---	13.6	28.28	84	6653	---	Non Engraved
2	Wall 2nd Pour Silo #12 (3000 Psi)	7	10	2023	6Diax12	---	14	28.28	69	5465	---	Non Engraved
3	Wall 2nd Pour Silo #12 (3000 Psi)	7	10	2023	6Diax12	---	13.6	28.28	84	6653	---	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-reports1/

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

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

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

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

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

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

6551
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/ 4008 **Dated: 19/01/2024** **Test Specification**

Your Ref. No. Nil **Dated: 16/1/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/1/2024 **Tested on:** 19/1/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Trench Base Silo #7 (3000 Psi)	10	10	2023	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
2	Trench Base Silo #7 (3000 Psi)	10	10	2023	6Diax12	---	14	28.28	57	4515	---	Non Engraved
3	Trench Base Silo #7 (3000 Psi)	10	10	2023	6Diax12	---	13.6	28.28	44	3485	---	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-reports1/

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

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

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

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

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

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

6551
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/ 4009 **Dated: 19/01/2024**

Your Ref. No. Nil **Dated: 16/1/2024**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16/1/2024 **Tested on:** 19/1/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Trench Base Silo #08 (3000 Psi)	11	10	2023	6Diax12	---	14	28.28	56	4436	---	Non Engraved
2	Trench Base Silo #08 (3000 Psi)	11	10	2023	6Diax12	---	14	28.28	68	5386	---	Non Engraved
3	Trench Base Silo #08 (3000 Psi)	11	10	2023	6Diax12	---	14	28.28	78	6178	---	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-reports1/

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

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

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

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

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

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

6558
Dr. Umbreen

To: Sub Divisional Officer
Gujranwala Drainage Sub Division, Gujranwala

Project: Flood Protection of Kamoke and Adjoining Areas

Our Ref. No. CL/CED/ 4010 **Dated:** 19/01/2024

Your Ref. No. 381/1-A **Dated:** 27/11/2023

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 17/1/2024 **Tested on:** 19/1/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Bed in Panel# 38-40 (1:1.5:3)	11	11	2023	6x6x6	---	8	36	60	3733	---	Non Engraved
2	Bed in Panel# 38-40 (1:1.5:3)	11	11	2023	6x6x6	---	7.8	36	90	5600	---	Non Engraved
3	Bed+Walls-Panel #42-38 (1:1.5:3)	12	11	2023	6x6x6	---	7.8	36	54	3360	---	Non Engraved
4	Bed+Walls-Panel #42-38 (1:1.5:3)	12	11	2023	6x6x6	---	8	36	54	3360	---	Non Engraved
5	Bed in Panel# 37-49 (1:1.5:3)	14	11	2023	6x6x6	---	7.6	36	84	5227	---	Non Engraved
6	Bed in Panel# 37-49 (1:1.5:3)	14	11	2023	6x6x6	---	7.6	36	32	1991	---	Non Engraved
7	Bed+Walls-Panel #39-37 (1:1.5:3)	15	11	2023	6x6x6	---	8	36	52	3236	---	Non Engraved
8	Bed+Walls-Panel #39-37 (1:1.5:3)	15	11	2023	6x6x6	---	7.6	36	40	2489	---	Non Engraved
9	Bed+Walls-Panel #41-39 (1:1.5:3)	16	11	2023	6x6x6	---	8	36	44	2738	---	Non Engraved
10	Bed+Walls-Panel #41-39 (1:1.5:3)	16	11	2023	6x6x6	---	7.6	36	108	6720	---	Non Engraved
11	Bed+Walls-Panel #44-41 (1:1.5:3)	18	11	2023	6x6x6	---	8.2	36	115	7156	---	Non Engraved
12	Bed+Walls-Panel #44-41 (1:1.5:3)	18	11	2023	6x6x6	---	8	36	68	4231	---	Non Engraved
13	Bed+Walls-Panel #44-43 (1:1.5:3)	19	11	2023	6x6x6	---	7.6	36	40	2489	---	Non Engraved
14	Bed+Walls-Panel #44-43 (1:1.5:3)	19	11	2023	6x6x6	---	7.8	36	105	6533	---	Non Engraved
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

6558
Dr. Umbreen

To: Sub Divisional Officer
Gujranwala Drainage Sub Division, Gujranwala

Project: Flood Protection of Kamoke and Adjoining Areas

Our Ref. No. CL/CED/ 4011 **Dated: 19/01/2024** **Test Specification**

Your Ref. No. 386/1-A **Dated: 18/12/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/1/2024 **Tested on:** 19/1/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Wall in Panel# 43-45 (1:1.5:3)	21	11	2023	6x6x6	---	7.6	36	56	3484	---	Non Engraved
2	Wall in Panel# 43-45 (1:1.5:3)	21	11	2023	6x6x6	---	7.6	36	105	6533	---	Non Engraved
3	Bed in Panel #46 (1:1.5:3)	25	11	2023	6x6x6	---	7.6	36	54	3360	---	Non Engraved
4	Bed in Panel #46 (1:1.5:3)	25	11	2023	6x6x6	---	7.8	36	46	2862	---	Non Engraved
5	Bed+Walls-Panel #45-46 (1:1.5:3)	26	11	2023	6x6x6	---	8	36	40	2489	---	Non Engraved
6	Bed+Walls-Panel #45-46 (1:1.5:3)	26	11	2023	6x6x6	---	8.2	36	84	5227	---	Non Engraved
7	Bed+Walls-Panel #57-59 (1:1.5:3)	2	12	2023	6x6x6	---	8.4	36	40	2489	---	Non Engraved
8	Bed+Walls-Panel #57-59 (1:1.5:3)	2	12	2023	6x6x6	---	8.4	36	76	4729	---	Non Engraved
9	Bed+Walls-Panel #53-58 (1:1.5:3)	3	12	2023	6x6x6	---	8	36	46	2862	---	Non Engraved
10	Bed+Walls-Panel #53-58 (1:1.5:3)	3	12	2023	6x6x6	---	7.6	36	62	3858	---	Non Engraved
11	Bed+Walls-Panel #52-51 (1:1.5:3)	4	12	2023	6x6x6	---	8	36	64	3982	---	Non Engraved
12	Bed+Walls-Panel #52-51 (1:1.5:3)	4	12	2023	6x6x6	---	7.6	36	34	2116	---	Non Engraved
13	Walls-Panel #53-40 (1:1.5:3)	5	12	2023	6x6x6	---	8	36	84	5227	---	Non Engraved
14	Walls-Panel #53-40 (1:1.5:3)	5	12	2023	6x6x6	---	8	36	82	5102	---	Non Engraved
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

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

6558
Dr. Umbreen

To: Sub Divisional Officer
Gujranwala Drainage Sub Division, Gujranwala

Project: Flood Protection of Kamoke and Adjoining Areas

Our Ref. No. CL/CED/ 4012 **Dated:** 19/01/2024

Your Ref. No. 389/1-A **Dated:** 29/12/2023

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 17/1/2024 **Tested on:** 19/1/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Bed+Walls-Panel #58-55 (1:1.5:3)	6	12	2023	6x6x6	---	8.2	36	54	3360	---	Non Engraved
2	Bed+Walls-Panel #58-55 (1:1.5:3)	6	12	2023	6x6x6	---	7.6	36	74	4604	---	Non Engraved
3	Bed+Walls-Panel #56-52 (1:1.5:3)	7	12	2023	6x6x6	---	7.6	36	46	2862	---	Non Engraved
4	Bed+Walls-Panel #56-52 (1:1.5:3)	7	12	2023	6x6x6	---	7.6	36	40	2489	---	Non Engraved
5	Walls-Panel #55-59 (1:1.5:3)	9	12	2023	6x6x6	---	7.4	36	30	1867	---	Non Engraved
6	Walls-Panel #55-59 (1:1.5:3)	9	12	2023	6x6x6	---	7.2	36	26	1618	---	Non Engraved
7	Bed+Walls-Panel #56-54 (1:1.5:3)	10	12	2023	6x6x6	---	8	36	74	4604	---	Non Engraved
8	Bed+Walls-Panel #56-54 (1:1.5:3)	10	12	2023	6x6x6	---	8	36	44	2738	---	Non Engraved
9	Bed+Walls-Panel #54-60 (1:1.5:3)	12	12	2023	6x6x6	---	7.8	36	78	4853	---	Non Engraved
10	Bed+Walls-Panel #54-60 (1:1.5:3)	12	12	2023	6x6x6	---	7.6	36	32	1991	---	Non Engraved
11	Bed+Walls-Panel #60-61 (1:1.5:3)	13	12	2023	6x6x6	---	8.2	36	60	3733	---	Non Engraved
12	Bed+Walls-Panel #60-61 (1:1.5:3)	13	12	2023	6x6x6	---	7.4	36	42	2613	---	Non Engraved
13	Bed-Panel #47-48 (1:1.5:3)	19	12	2023	6x6x6	---	7.6	36	74	4604	---	Non Engraved
14	Bed-Panel #47-48 (1:1.5:3)	19	12	2023	6x6x6	---	7.6	36	32	1991	---	Non Engraved
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

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

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

6558
Dr. Umbreen

To: Sub Divisional Officer
Gujranwala Drainage Sub Division, Gujranwala

Project: Flood Protection of Kamoke and Adjoining Areas

Our Ref. No. CL/CED/ 4013 **Dated:** 19/01/2024

Your Ref. No. 400/1-A **Dated:** 12-01-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 17/1/2024 **Tested on:** 19/1/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Walls-Panel #47-48 (1:1.5:3)	20	12	2023	6x6x6	---	7.4	36	72	4480	---	Non Engraved
2	Walls-Panel #47-48 (1:1.5:3)	20	12	2023	6x6x6	---	7.6	36	46	2862	---	Non Engraved
3	Walls-Panel #49-61 (1:1.5:3)	27	12	2023	6x6x6	---	7.8	36	30	1867	---	Non Engraved
4	Walls-Panel #49-61 (1:1.5:3)	27	12	2023	6x6x6	---	7.6	36	66	4107	---	Non Engraved
5	Bed-Panel #62-61 (1:1.5:3)	28	12	2023	6x6x6	---	8	36	70	4356	---	Non Engraved
6	Bed-Panel # 62-61 (1:1.5:3)	28	12	2023	6x6x6	---	8	36	43	2676	---	Non Engraved
7	Bed-Panel #62-63 (1:1.5:3)	30	12	2023	6x6x6	---	7.6	36	36	2240	---	Non Engraved
8	Bed-Panel #62-63 (1:1.5:3)	30	12	2023	6x6x6	---	7.4	36	31	1929	---	Non Engraved
9	Bed+Walls-Panel #64-61 (1:1.5:3)	1	1	2024	6x6x6	---	8	36	44	2738	---	Non Engraved
10	Bed+Walls-Panel #64-61 (1:1.5:3)	1	1	2024	6x6x6	---	7.2	36	34	2116	---	Non Engraved
11	Bed-Panel #63-65 (1:1.5:3)	2	1	2024	6x6x6	---	8	36	76	4729	---	Non Engraved
12	Bed-Panel #63-65 (1:1.5:3)	2	1	2024	6x6x6	---	8	36	94	5849	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

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

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

6552
Dr. Ubaid

To: **Mr. Atif Ali Awan**
R.E.- Engineering Consultancy Services Punjab (Pvt) Limited

Project: Implementation of Master Plan of Safari Zoo, Lahore. (Group No.01)

Our Ref. No. CL/CED/ 4014 **Dated: 19/01/2024** **Test Specification**

Your Ref. No. ECSP/RE/IMPSZL/24 **Dated: 01-01-24** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/1/2024 **Tested on:** 18-01-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Information Center 2 (Footing)	16	12	2023	6x6x6	---	8	36	36	2240	---	Non Engraved
2	Information Center 2 (Footing)	17	12	2023	6x6x6	---	6	36	29	1804	---	Non Engraved
3	Information Center 1 (Footing)	18	12	2023	6x6x6	---	8.2	36	26	1618	---	Engraved
4	Information Center 1 (Footing)	18	12	2023	6x6x6	---	7.6	36	33	2053	---	Non Engraved
5	Information Center 1 (Footing)	19	12	2023	6x6x6	---	8	36	40	2489	---	Non Engraved
6	Information Center 1 (Footing)	19	12	2023	6x6x6	---	7.6	36	38	2364	---	Non Engraved
7	Strip Footing Lion House	25	12	2023	6x6x6	---	8	36	38	2364	---	Non Engraved
8	Strip Footing Lion House	25	12	2023	6x6x6	---	8	36	31	1929	---	Non Engraved
9	Strip Footing Lion House	26	12	2023	6x6x6	---	7.8	36	24	1493	---	Non Engraved
10	Strip Footing Lion House	26	12	2023	6x6x6	---	7.8	36	25	1556	---	Non Engraved
11	Information Center 2 Col.-DPC	27	12	2023	6x6x6	---	8.2	36	26	1618	---	Non Engraved
12	Information Center 2 Col.-DPC	28	12	2023	6x6x6	---	7.8	36	19	1182	---	Non Engraved
13	Information Center 1 Plinth	30	12	2023	6x6x6	---	7.2	36	18	1120	---	Engraved
14	Elephant House	23	12	2023	6x6x6	---	7.8	36	29	1804	---	Non Engraved
15	Leopard House	24	12	2023	6x6x6	---	7.8	36	58	3609	---	Non Engraved
16	Leopard House	24	12	2023	6x6x6	---	8	36	26	1618	---	Non Engraved

Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
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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.

6552
Dr. Ubaid

To: **Mr. Atif Ali Awan**
R.E.- Engineering Consultancy Services Punjab (Pvt) Limited

Project: Implementation of Master Plan of Safari Zoo, Lahore (Group No. 2)

Our Ref. No. CL/CED/ 4015 **Dated: 19/01/2024** **Test Specification**

Your Ref. No. ECSP/RE/IMPSZL/30 **Dated: 09-01-24** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/1/2024 **Tested on:** 18-01-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rockery No. 1 Footing	23	12	2023	6x6x6	---	7.8	36	27	1680	---	Non Engraved
2	Rockery No. 1 Plinth Beam	30	12	2023	6x6x6	---	7.2	36	22	1369	---	Engraved
3	Rockery No. 1 Column	4	1	2024	6x6x6	---	8	36	27	1680	---	Non Engraved
4	Rockery No. 1 Column	4	1	2024	6x6x6	---	8	36	55	3422	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

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

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

6552
Dr. Umbreen

To: Atif Ali Awan
R.E.- Engineering Consultancy Services Punjab (Pvt) Limited

Project: Implementation of Master Plan of Safari Zoo Lahore

Our Ref. No. CL/CED/ 4016 Dated: 19/1/2024 Test Specification

Your Ref. No. ECSP/RE/IMPSZL/33 Dated: 12-01-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 16/1/2024 Tested on: 19/1/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3545	29.64	60	4534	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3550	29.64	76	5744	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3615	29.64	80	6046	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3530	29.64	59	4459	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3660	29.64	76	5744	---	---
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3635	29.64	84	6348	---	---
7	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3605	29.64	68	5139	---	---
8	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3345	29.64	55	4157	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

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

6525
Dr. Umbreen

To: Principal
Lt. Col. Muhammad Mohi-ud-Din Athar, TI (M) (Retd), Centre of Excellence (Boys) School, Tandlianwa

Project: Construction of Boundary Wall

Our Ref. No. CL/CED/ 4017 **Dated: 19/1/2024** **Test Specification**

Your Ref. No. COEB/TW/ACCTS/621 **Dated: 04-01-24** **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-24 **Tested on:** 19/1/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	HK	---	---	---	8.4 x 4 x 2.7	2995	2520	33.6	21	1400	18.85	---
2	HK	---	---	---	8.5 x 4 x 2.8	2980	2585	34	36	2372	15.28	---
3	HK	---	---	---	8.4 x 4 x 2.7	2965	2560	33.6	28	1867	15.82	---
4	HK	---	---	---	8.4 x 4.1 x 2.7	2850	2380	34.44	21	1366	19.75	---
5	HK	---	---	---	8.5 x 4 x 2.7	2800	2375	34	29	1911	17.89	---
6	HK	---	---	---	8.5 x 4.1 x 2.8	2985	2575	34.85	37	2378	15.92	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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.

6527
Dr. Umbreen

To: **Mr. Bilal Imtiaz**
Resident Engineer, Engineering Consultancy Services Punjab (Pvt) Limited

Project: Engineering Consultancy Services for Construction of District Jail Nankana Sahib

Our Ref. No. CL/CED/ 4018 **Dated: 19/1/2024** **Test Specification**

Your Ref. No. 363/ECSP/DJN/59 **Dated: 19/11/2023** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-24 **Tested on:** 19/1/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	FB	---	---	---	8.8 x 4.3 x 3	3780	3310	37.84	42	2486	14.2	---
2	FB	---	---	---	8.8 x 4.3 x 3	3915	3380	37.84	40	2368	15.83	---
3	FB	---	---	---	8.8 x 4.3 x 3	3790	3310	37.84	44	2605	14.5	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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

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

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

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

6506
Dr. Umbreen

To: Mr. Yousaf Zaman
Project Manager / RE, EDCS, Pakpattan. OSMANI & COMPANY (PVT) LTD

Project: Engineering Design & Construction Supervision for Punjab Rural Sustainable Water Supply and Sanitation Project (PRSWSSP) Cluster Central II.

Our Ref. No. CL/CED/ 4019 Dated: 19/1/2024 Test Specification

Your Ref. No. PM/OCL/PRSWSSP/EDCS/Pkg-05/2023/9 Dated: 28/12/2023 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 08-01-24 Tested on: 19/1/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	3350	2810	36.96	39	2364	19.22	---
2	Machine Made Double Line	---	---	---	8.7 x 4.3 x 2.8	3340	2800	37.41	36	2156	19.29	---
3	Machine Made Double Line	---	---	---	8.7 x 4.3 x 2.8	3235	2810	37.41	35	2096	15.12	---
4	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	3335	2735	36.54	43	2636	21.94	---
5	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	3255	2730	36.54	41	2513	19.23	---
6	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	3185	2800	36.54	36	2207	13.75	---
7	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.7	3265	2710	36.54	45	2759	20.48	---
8	Machine Made Double Line	---	---	---	8.6 x 4.2 x 2.8	3300	2765	36.12	44	2729	19.35	---
9	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	3270	2760	36.54	40	2452	18.48	---
10	Machine Made Double Line	---	---	---	8.5 x 4.2 x 2.8	3280	2755	35.7	45	2824	19.06	---
11	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	3240	2765	36.54	37	2268	17.18	---
12	Machine Made Double Line	---	---	---	8.5 x 4.2 x 2.8	3155	2715	35.7	41	2573	16.21	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

Supervisor (Lab) Director/Dy. Director Concrete Laboratory

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

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

6557
Dr. Umbreen

To: Mr. Abdul Rahman
Allama Iqbal Town, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 4020 Dated: 19/1/2024 Test Specification

Your Ref. No. Nil Dated: 17-01-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 17/1/2024 Tested on: 19/1/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3545	29.26	76	5818	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3745	29.26	88	6737	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3690	29.26	74	5665	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3600	29.26	66	5053	---	---
5	Rectangular, Red, 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3580	29.26	52	3981	---	---
6	Rectangular, Red, 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3475	29.26	53	4057	---	---
7	Rectangular, Red, 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3590	29.26	130	9952	---	---
8	Rectangular, Red, 80mm	---	---	---	7.7 x 3.8 x 3.3	---	3965	29.26	88	6737	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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

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

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

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