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.

7641
Dr. M. Yousaf

To: Mr. Khalid Bashir
Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Allied Bank Building 185-CC4 DHA T Sector Phase-7, Lahore.

Our Ref. No. CL/CED/ 5618 Dated: 21-08-24

Your Ref. No. IBS/LBS-UOL/01 Dated: 19-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 19-08-24 **Tested on:** 21-08-24 **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	1st Floor Slab (3000 Psi)	12	8	2024	6Diax12	---	15	28.28	46	3644	---	Non Engraved
2	1st Floor Slab (3000 Psi)	12	8	2024	6Diax12	---	14	28.28	63	4990	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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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7641
Dr. M. Yousaf

To: Mr. Khalid Bashir
Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Allied Bank Building 185-CC4 DHA T Sector Phase-7, Lahore.

Our Ref. No. CL/CED/ 5619 Dated: 21-08-24

Your Ref. No. IBS/LBS-UOL/01 Dated: 19-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 19-08-24 **Tested on:** 21-08-24 **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	1st Floor Column (4000 Psi)	2	8	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
2	1st Floor Column (4000 Psi)	2	8	2024	6Diax12	---	13	28.28	70	5545	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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**

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ORIGINAL
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7641
Dr. M. Yousaf

To: Mr. Khalid Bashir
Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Allied Bank Building 185-CC4 DHA T Sector Phase-7, Lahore.

Our Ref. No. CL/CED/ 5620 Dated: 21-08-24

Your Ref. No. IBS/LBS-UOL/01 Dated: 05-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 19-08-24 Tested on: 21-08-24 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	Mezzanine Floor Slab (3000 Psi)	25	7	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
2	Mezzanine Floor Slab (3000 Psi)	25	7	2024	6Diax12	---	13.6	28.28	53	4198	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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**

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7641
Dr. M. Yousaf

To: Mr. Khalid Bashir
Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Allied Bank Building 185-CC4 DHA T Sector Phase-7, Lahore.

Our Ref. No. CL/CED/ 5621 Dated: 21-08-24

Your Ref. No. IBS/LBS-UOL/01 Dated: 05-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 19-08-24 **Tested on:** 21-08-24 **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	Ground Floor Column (4000 Psi)	16	7	2024	6Diax12	---	13.2	28.28	75	5941	---	Non Engraved
2	Ground Floor Column (4000 Psi)	16	7	2024	6Diax12	---	13.2	28.28	65	5149	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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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7641
Dr. M. Yousaf

To: Mr. Khalid Bashir
Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Allied Bank Building 185-CC4 DHA T Sector Phase-7, Lahore.

Our Ref. No. CL/CED/ 5622 Dated: 21-08-24

Your Ref. No. IBS/LBS-UOL/01 Dated: 23-07-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 19-08-24 Tested on: 21-08-24 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	Basement Slab (3000 Psi)	9	7	2024	6Diax12	---	13.4	28.28	60	4752	---	Non Engraved
2	Basement Slab (3000 Psi)	9	7	2024	6Diax12	---	14	28.28	48	3802	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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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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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ORIGINAL
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7612
Dr. M. Yousaf

To: Project Manager
Sunshine Health Care Private Limited.

Project: Construction of Sunshine Medical Tower Shahdra.

Our Ref. No. CL/CED/ 5623 **Dated: 21-08-24**

Your Ref. No. Nil **Dated: 13-08-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13-08-24 **Tested on:** 21-08-24 **in dry/wet condition**

ONLINE REPORT

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	Water Dipped	9	7	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	Water Dipped	9	7	2024	6Diax12	---	14	28.28	69	5465	---	Non Engraved
3	Field Curing	9	7	2024	6Diax12	---	14	28.28	63	4990	---	Non Engraved
4	Field Curing	9	7	2024	6Diax12	---	14	28.28	57	4515	---	Non Engraved
5	Water Dipped	11	7	2024	6Diax12	---	13.8	28.28	70	5545	---	Non Engraved
6	Water Dipped	11	7	2024	6Diax12	---	14	28.28	72	5703	---	Non Engraved
7	Field Curing	11	7	2024	6Diax12	---	14	28.28	70	5545	---	Non Engraved
8	Field Curing	11	7	2024	6Diax12	---	14	28.28	67	5307	---	Non Engraved
9	Water Dipped	7	8	2024	6Diax12	---	14	28.28	53	4198	---	Non Engraved
10	Water Dipped	7	8	2024	6Diax12	---	14.2	28.28	49	3881	---	Non Engraved
11	Field Curing	7	8	2024	6Diax12	---	13.8	28.28	49	3881	---	Non Engraved
12	Field Curing	7	8	2024	6Diax12	---	14	28.28	51	4040	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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

7606
Dr. M. Mazhar

To: Mr. Abdul Mannan
FAMS FOODS (SMC-PRIVATE) LIMITED

Project: CONSTRUCTION OF FAIMS FOODS SMC-PVT LTD 124-C QUAID-E-AZAM BUSINESS PARK, SHEIKHUPURA.

Our Ref. No. CL/CED/ 5624 **Dated:** 21-08-24

Your Ref. No. Nil **Dated:** Nil

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13-08-24 **Tested on:** 21-08-24 **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	---	16	7	2024	6Diax12	---	14.6	28.28	66	5228	---	Engraved
2	---	16	7	2024	6Diax12	---	15	28.28	64	5069	---	Engraved
3	---	16	7	2024	6Diax12	---	14.6	28.28	70	5545	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

7636
Dr. M. Mazhar

To: Mr. Muhammad Atif Khalil
Project Manager, Banu Mukhtar Contracting (Pvt) Limited

Project: Burj-1 by AJWA Builders (Column # 05 Nos. Grids:- B'/5, B'/2a, B'/3, C,D/3)

Our Ref. No. CL/CED/ 5625 **Dated:** 21/8/2024

Your Ref. No. DOC-BMC/AJWA/169 **Dated:** 19/8/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19/8/2024 **Tested on:** 21/8/2024 **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	6000 Psi	15	7	2024	6Diax12	---	14	28.28	90	7129	---	Non Engraved
2	6000 Psi	15	7	2024	6Diax12	---	13.6	28.28	90	7129	---	Non Engraved
3	6000 Psi	15	7	2024	6Diax12	---	14.6	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/

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.

7632
Dr. M. Mazhar

To: MEEZAN DEVELOPERS
Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jamia-Tur-Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 5626 **Dated:** 21/8/2024

Your Ref. No. Nil **Dated:** 19/8/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19/8/2024 **Tested on:** 21/8/2024 **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	FS-3 + FS-3	20	7	2024	6Diax12	---	14	28.28	29	2297	---	Engraved
2	FS-3 + FS-3	20	7	2024	6Diax12	---	13.2	28.28	27	2139	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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 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.

7631
Dr. M. Mazhar

To: Mr. Muhammad Waseem
JAFFAR BUILDERS, Dera Haji Allah Wasaya, Muzaffargarh

Project: Construction of Coca Cola Sunder Green Lahore.

Our Ref. No. CL/CED/ 5627 **Dated:** 21/8/2024

Your Ref. No. Nil **Dated:** 19/8/2024

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 19/8/2024 **Tested on:** 21/8/2024 **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	---	10	8	2024	6Diax12	---	14	28.28	35	2772	---	Engraved
2	---	10	8	2024	6Diax12	---	13.2	28.28	31	2455	---	Engraved
3	---	10	8	2024	6Diax12	---	13.4	28.28	31	2455	---	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 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.

7588
Dr. M. Mazhar

To: **Project Manager**
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5628 **Dated: 21/8/2024** **Test Specification**

Your Ref. No. SR#3 06 **Dated: 12-08-24** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 **Tested on:** 21/8/2024 **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	---	5	12	2023	6Diax12	---	13.6	28.28	58	4594	---	Non Engraved
2	---	5	12	2023	6Diax12	---	13	28.28	40	3168	---	Non Engraved
3	---	5	12	2023	6Diax12	---	14	28.28	38	3010	---	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 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
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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7588
Dr. M. Mazhar

To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5629 **Dated: 21/8/2024** **Test Specification**

Your Ref. No. SR#3 06 **Dated: 12-08-24** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 **Tested on:** 21/8/2024 **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	---	27	2	2024	6Diax12	---	13.2	28.28	28	2218	---	Non Engraved
2	---	27	2	2024	6Diax12	---	14.2	28.28	76	6020	---	Non Engraved
3	---	27	2	2024	6Diax12	---	14	28.28	72	5703	---	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 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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7588
Dr. M. Mazhar

To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5630 **Dated: 21/8/2024** **Test Specification**

Your Ref. No. SR#3 06 **Dated: 12-08-24** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 **Tested on:** 21/8/2024 **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	---	10	12	2023	6Diax12	---	14.2	28.28	62	4911	---	Non Engraved
2	---	10	12	2023	6Diax12	---	14	28.28	64	5069	---	Non Engraved
3	---	10	12	2023	6Diax12	---	13.2	28.28	35	2772	---	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
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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

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

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7588
Dr. M. Mazhar

To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5631 **Dated: 21/8/2024** **Test Specification**

Your Ref. No. SR#3 06 **Dated: 12-08-24** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 **Tested on:** 21/8/2024 **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	---	16	1	2024	6Diax12	---	14.4	28.28	54	4277	---	Non Engraved
2	---	16	1	2024	6Diax12	---	14.6	28.28	73	5782	---	Non Engraved
3	---	16	1	2024	6Diax12	---	14.4	28.28	42	3327	---	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)
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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ORIGINAL
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Dr. M. Mazhar

To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5632 **Dated: 21/8/2024** **Test Specification**

Your Ref. No. SR#3 06 **Dated: 12-08-24** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 **Tested on:** 21/8/2024 **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	---	7	3	2024	6Diax12	---	13.6	28.28	80	6337	---	Non Engraved
2	---	7	3	2024	6Diax12	---	14	28.28	77	6099	---	Non Engraved
3	---	7	3	2024	6Diax12	---	13.6	28.28	42	3327	---	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
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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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7588
Dr. M. Mazhar

To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5633 Dated: 21/8/2024

Your Ref. No. SR#3 06 Dated: 12-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 Tested on: 21/8/2024 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	---	24	12	2023	6Diax12	---	14	28.28	60	4752	---	Non Engraved
2	---	24	12	2023	6Diax12	---	14	28.28	42	3327	---	Non Engraved
3	---	24	12	2023	6Diax12	---	13	28.28	34	2693	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

7588
Dr. M. Mazhar

To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5634 **Dated: 21/8/2024** **Test Specification**

Your Ref. No. SR#3 06 **Dated: 12-08-24** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 **Tested on:** 21/8/2024 **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	---	11	12	2023	6Diax12	---	14	28.28	52	4119	---	Non Engraved
2	---	11	12	2023	6Diax12	---	14.6	28.28	56	4436	---	Non Engraved
3	---	11	12	2023	6Diax12	---	13.6	28.28	36	2851	---	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 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**

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

ORIGINAL
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7588
Dr. M. Mazhar

To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5635 Dated: 21/8/2024

Your Ref. No. SR#3 06 Dated: 12-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 Tested on: 21/8/2024 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	---	29	12	2023	6Diax12	---	13.4	28.28	38	3010	---	Non Engraved
2	---	29	12	2023	6Diax12	---	15	28.28	72	5703	---	Non Engraved
3	---	29	12	2023	6Diax12	---	13.4	28.28	32	2535	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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7588
Dr. M. Mazhar

To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5636 Dated: 21/8/2024

Your Ref. No. SR#3 06 Dated: 12-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 Tested on: 21/8/2024 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	---	18	2	2024	6Diax12	---	14.4	28.28	56	4436	---	Non Engraved
2	---	18	2	2024	6Diax12	---	13.4	28.28	40	3168	---	Non Engraved
3	---	18	2	2024	6Diax12	---	14	28.28	46	3644	---	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 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**

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

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7588
Dr. M. Mazhar

To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5637 Dated: 21/8/2024

Your Ref. No. SR#3 06 Dated: 12-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 Tested on: 21/8/2024 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	---	29	11	2023	6Diax12	---	14	28.28	38	3010	---	Non Engraved
2	---	29	11	2023	6Diax12	---	13.4	28.28	34	2693	---	Non Engraved
3	---	29	11	2023	6Diax12	---	14	28.28	42	3327	---	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 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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Dr. M. Mazhar

To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5638 Dated: 21/8/2024

Your Ref. No. SR#3 06 Dated: 12-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 Tested on: 21/8/2024 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	---	29	2	2024	6Diax12	---	14.2	28.28	44	3485	---	Non Engraved
2	---	29	2	2024	6Diax12	---	14.2	28.28	64	5069	---	Non Engraved
3	---	29	2	2024	6Diax12	---	14.6	28.28	50	3960	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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1. * as engraved on the specimens (if any)
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Dr. M. Mazhar

To: **Project Manager**
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5639 **Dated: 21/8/2024**

Your Ref. No. SR#3 06 **Dated: 12-08-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 Tested on: 21/8/2024 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	---	24	11	2023	6Diax12	---	14.2	28.28	60	4752	---	Non Engraved
2	---	24	11	2023	6Diax12	---	13.6	28.28	59	4673	---	Non Engraved
3	---	24	11	2023	6Diax12	---	14	28.28	36	2851	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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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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Dr. M. Mazhar

To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5640 Dated: 21/8/2024 **Test Specification**

Your Ref. No. SR#3 06 Dated: 12-08-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 Tested on: 21/8/2024 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	---	2	12	2023	6Diax12	---	14	28.28	30	2376	---	Non Engraved
2	---	2	12	2023	6Diax12	---	13.8	28.28	80	6337	---	Non Engraved
3	---	2	12	2023	6Diax12	---	14	28.28	54	4277	---	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
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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. M. Mazhar

To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5641 **Dated: 21/8/2024** **Test Specification**

Your Ref. No. SR#3 06 **Dated: 12-08-24** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 Tested on: 21/8/2024 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	---	12	12	2023	6Diax12	---	14.6	28.28	64	5069	---	Non Engraved
2	---	12	12	2023	6Diax12	---	13.4	28.28	77	6099	---	Non Engraved
3	---	12	12	2023	6Diax12	---	13.8	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/

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
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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.

7588
Dr. M. Mazhar

To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5642 Dated: 21/8/2024

Your Ref. No. SR#3 06 Dated: 12-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 Tested on: 21/8/2024 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	---	14	2	2024	6Diax12	---	14.2	28.28	42	3327	---	Non Engraved
2	---	14	2	2024	6Diax12	---	14	28.28	70	5545	---	Non Engraved
3	---	14	2	2024	6Diax12	---	14	28.28	60	4752	---	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 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**

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

ORIGINAL
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7588
Dr. M. Mazhar

To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5643 **Dated: 21/8/2024** **Test Specification**

Your Ref. No. SR#3 06 **Dated: 12-08-24** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 **Tested on:** 21/8/2024 **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	---	29	2	2024	6Diax12	---	14.2	28.28	85	6733	---	Non Engraved
2	---	29	2	2024	6Diax12	---	13.2	28.28	42	3327	---	Non Engraved
3	---	29	2	2024	6Diax12	---	14	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-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**

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7588
Dr. M. Mazhar

To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5644 **Dated: 21/8/2024** **Test Specification**

Your Ref. No. SR#3 06 **Dated: 12-08-24** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 **Tested on:** 21/8/2024 **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	---	15	12	2023	6Diax12	---	14	28.28	70	5545	---	Non Engraved
2	---	15	12	2023	6Diax12	---	15	28.28	64	5069	---	Non Engraved
3	---	15	12	2023	6Diax12	---	14	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/

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**

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7588
Dr. M. Mazhar

To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5645 **Dated: 21/8/2024** **Test Specification**

Your Ref. No. SR#3 06 **Dated: 12-08-24** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 **Tested on:** 21/8/2024 **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	---	20	11	2023	6Diax12	---	14.8	28.28	50	3960	---	Non Engraved
2	---	20	11	2023	6Diax12	---	14	28.28	52	4119	---	Non Engraved
3	---	20	11	2023	6Diax12	---	14.6	28.28	56	4436	---	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 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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Dr. M. Mazhar

To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5646 Dated: 21/8/2024

Your Ref. No. SR#3 06 Dated: 12-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 Tested on: 21/8/2024 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	---	7	11	2023	6Diax12	---	14	28.28	79	6257	---	Non Engraved
2	---	7	11	2023	6Diax12	---	15	28.28	81	6416	---	Non Engraved
3	---	7	11	2023	6Diax12	---	15	28.28	81	6416	---	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

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To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5647 **Dated: 21/8/2024** **Test Specification**

Your Ref. No. SR#3 06 **Dated: 12-08-24** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 **Tested on:** 21/8/2024 **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	---	21	2	2024	6Diax12	---	14	28.28	60	4752	---	Non Engraved
2	---	21	2	2024	6Diax12	---	14	28.28	72	5703	---	Non Engraved
3	---	21	2	2024	6Diax12	---	13.8	28.28	34	2693	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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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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To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5648 **Dated: 21/8/2024** **Test Specification**

Your Ref. No. SR#3 06 **Dated: 12-08-24** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 **Tested on:** 21/8/2024 **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	---	8	11	2023	6Diax12	---	14.4	28.28	60	4752	---	Non Engraved
2	---	8	11	2023	6Diax12	---	14	28.28	81	6416	---	Non Engraved
3	---	8	11	2023	6Diax12	---	14	28.28	70	5545	---	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
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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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Dr. M. Mazhar

To: Project Manager
Innovative Construction Company, 193 Abubakar Block, New Garden Town, Lhr

Project: Construction of SUN RIDGES SHARAQPUR

Our Ref. No. CL/CED/ 5649 **Dated: 21/8/2024** **Test Specification**

Your Ref. No. SR#3 06 **Dated: 12-08-24** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2024 **Tested on:** 21/8/2024 **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	---	23	2	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
2	---	23	2	2024	6Diax12	---	14	28.28	72	5703	---	Non Engraved
3	---	23	2	2024	6Diax12	---	14	28.28	83	6574	---	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**