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.

7121
Engr. Usman Ali

To: Mr. Aamir Shehzad
Tehsil Daska, District Sialkot.

Project: Nil

Our Ref. No. CL/CED/ 4765 **Dated:** 03/05/2024 **Test Specification**

Your Ref. No. Nil **Dated:** Nil (----)

COMPRESSION TEST REPORT

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

Specimens received on: 02/05/2024 **Tested on:** 03/05/2024 **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	I-Section, Grey, 60mm	---	---	---	2.4 thick	---	3900	41.92	109	5824	---	Mosque Back
2	I-Section, Grey, 60mm	---	---	---	2.4 thick	---	3840	41.92	105	5611	---	Mosque Front
3	I-Section, Grey, 60mm	---	---	---	2.4 thick	---	4085	41.92	99	5290	---	Office Front
4	I-Section, Grey, 60mm	---	---	---	2.4 thick	---	3590	41.92	101	5397	---	Road Mid
5	I-Section, Grey, 60mm	---	---	---	2.4 thick	---	3730	41.92	119	6359	---	Production Building Front
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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**

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

7102
Dr. Umbreen

To: Mr. Sufyan Uppal
Project Engineer, BAIG CONSTRUCTION CO.

Project: Construction of Jinnah Square Mall, Raiwind Road, Lahore (RAFT Grid G to J / 1 to 5)

Our Ref. No. CL/CED/ 4766 Dated: 03/05/2024 **Test Specification**

Your Ref. No. CT/UET/29042024/06 Dated: 29/4/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 **Tested on:** 03/05/2024 **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	Cylinder No. 1 (3750 psi)	2	4	2024	6Diax12	---	13.2	28.28	49	3881	---	Non Engraved
2	Cylinder No. 2 (3750 psi)	2	4	2024	6Diax12	---	13.4	28.28	56	4436	---	Non Engraved
3	Cylinder No. 5 (3750 psi)	2	4	2024	6Diax12	---	14	28.8	35	2722	---	Non Engraved
4	Cylinder No. 7 (3750 psi)	2	4	2024	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
5	Cylinder No. 8 (3750 psi)	2	4	2024	6Diax12	---	14	28.28	55	4356	---	Non Engraved
6	Cylinder No. 12 (3750 psi)	2	4	2024	6Diax12	---	15.4	28.8	60	4667	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Muhammad Yasin, CNIC 16102-7094244-7

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

7107
Dr. Umbreen

To: Mr. M. Nawaz
MINAAR CONSTRUCTIONS

Project: Construction of Plaza at Plot No. CA-35, 36, 37 Downtown Fazaia Housing Society Lahore.

Our Ref. No. CL/CED/ 4767 **Dated:** 03/05/2024 **Test Specification**

Your Ref. No. Nil **Dated:** Nil (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 **Tested on:** 03/05/2024 **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	Column (1:2:2) (4500 Psi)	27	2	2024	6Diax12	---	14	28.28	72	5703	---	Non Engraved
2	Column (1:2:2) (4500 Psi)	27	2	2024	6Diax12	---	13.6	28.28	64	5069	---	Non 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 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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7107
Dr. Umbreen

To: Mr. M. Nawaz
MINAAR CONSTRUCTIONS

Project: Construction of Plaza at Plot No. CA-35, 36, 37 Downtown Fazaia Housing Society Lahore.

Our Ref. No. CL/CED/ 4768 **Dated:** 03/05/2024 **Test Specification**

Your Ref. No. Nil **Dated:** Nil (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 **Tested on:** 03/05/2024 **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	Roof Slab (1:2:4) (3000 Psi)	31	3	2024	6Diax12	---	13.6	28.28	40	3168	---	Non Engraved
2	Roof Slab (1:2:4) (3000 Psi)	31	3	2024	6Diax12	---	14	28.28	41	3248	---	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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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7103
Dr. Umbreen

To: Mr. Muhammad Imran Khan
Material Engineer ECSP, MPA Hostel, Phase-II

Project: Engineering Consultancy Services for Construction of MPA's Hostel Lahore, Phase-II (Water Tank Slab- Group No. 1). (M/s Iftikhar & Co.)

Our Ref. No. CL/CED/ 4769 Dated: 03/05/2024 Test Specification

Your Ref. No. 340/ECSP/MPA/ME/87 Dated: 24/4/2024 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 **Tested on:** 03/05/2024 **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	Conc. Cube (1:1.5:3)	28	3	2024	6x6x6	---	8.4	36	47	2924	---	Engraved
2	Conc. Cube (1:1.5:3)	28	3	2024	6x6x6	---	9	36	60	3733	---	Engraved
3	Conc. Cube (1:1.5:3)	28	3	2024	6x6x6	---	8.6	36	48	2987	---	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
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

7115
Dr. Umbreen

To: Mr. Muazzam Shoukat
Muhammad Younis Construction Company

Project: Construction of House # 184-D DHA Phase 8- Ex Park View

Our Ref. No. CL/CED/ 4770 **Dated:** 03/05/2024 **Test Specification**

Your Ref. No. Nil **Dated:** 30/4/2024 **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 02/05/2024 **Tested on:** 03/05/2024 **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	4000 Psi	1	4	2024	6x6x6	---	8.4	36	48	2987	---	Engraved
2	4000 Psi	1	4	2024	6x6x6	---	8.2	36	56	3484	---	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
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4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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ORIGINAL
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7104
Dr. Umbreen

To: Engr. Irfan Umar
Resident Engineer, DHQ Hospital Hafizabad, Master Consulting Engineers (Pvt) Ltd

Project: Consultancy Service Resident Supervision for the Project titled "Upgradation of DHQ Hospital Hafizabad (Group No. 1) ADP No. 768 For the Year 2021-2022)

Our Ref. No. CL/CED/ 4771 Dated: 03/05/2024 Test Specification

Your Ref. No. MCE/DHQ Hafizabad/23/111 Dated: 18/9/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 Tested on: 03/05/2024 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	RCC Slab	19	9	2023	6x6x6	---	8.2	36	72	4480	---	Non Engraved
2	RCC Slab	19	9	2023	6x6x6	---	8.8	36	110	6844	---	Non Engraved
3	RCC Slab	19	9	2023	6x6x6	---	9	36	106	6596	---	Non Engraved
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Witnessed by:

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ORIGINAL
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7104
Dr. Umbreen

To: Engr. Irfan Umar
Resident Engineer, DHQ Hospital Hafizabad, Master Consulting Engineers (Pvt) Ltd

Project: Consultancy Service Resident Supervision for the Project titled "Upgradation of DHQ Hospital Hafizabad (Group No. 1) ADP No. 768 For the Year 2021-2022)

Our Ref. No. CL/CED/ 4772 Dated: 03/05/2024 Test Specification

Your Ref. No. MCE/DHQ Hafizabad/23/110 Dated: 18/08/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 Tested on: 03/05/2024 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	RCC Slab	19	8	2023	6x6x6	---	9	36	84	5227	---	Engraved
2	RCC Slab	19	8	2023	6x6x6	---	9	36	72	4480	---	Engraved
3	RCC Slab	19	8	2023	6x6x6	---	8.8	36	64	3982	---	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.

7104
Dr. Umbreen

To: Engr. Irfan Umar
Resident Engineer, DHQ Hospital Hafizabad, Master Consulting Engineers (Pvt) Ltd

Project: Consultancy Service Resident Supervision for the Project titled "Upgradation of DHQ Hospital Hafizabad (Group No. 1) ADP No. 768 For the Year 2021-2022)

Our Ref. No. CL/CED/ 4773 Dated: 03/05/2024 Test Specification

Your Ref. No. MCE/DHQ Hafizabad/23/113 Dated: 20/10/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 Tested on: 03/05/2024 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	RCC Slab	21	10	2023	6x6x6	---	9	36	122	7591	---	Engraved
2	RCC Slab	21	10	2023	6x6x6	---	9	36	84	5227	---	Engraved
3	RCC Slab	21	10	2023	6x6x6	---	9	36	116	7218	---	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
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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7104
Dr. Umbreen

To: Engr. Irfan Umar
Resident Engineer, DHQ Hospital Hafizabad, Master Consulting Engineers (Pvt) Ltd

Project: Consultancy Service Resident Supervision for the Project titled "Upgradation of DHQ Hospital Hafizabad (Group No. 1) ADP No. 768 For the Year 2021-2022)

Our Ref. No. CL/CED/ 4774 Dated: 03/05/2024 Test Specification

Your Ref. No. MCE/DHQ Hafizabad/23/112 Dated: 13/10/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 Tested on: 03/05/2024 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	RCC Slab	14	10	2023	6x6x6	---	9	36	144	8960	---	Non Engraved
2	RCC Slab	14	10	2023	6x6x6	---	9	36	126	7840	---	Non Engraved
3	RCC Slab	14	10	2023	6x6x6	---	8.8	36	112	6969	---	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
A carbon copy for the report has been retained in the lab for record.

7104
Dr. Umbreen

To: Engr. Irfan Umar
Resident Engineer, DHQ Hospital Hafizabad, Master Consulting Engineers (Pvt) Ltd

Project: Consultancy Service Resident Supervision for the Project titled "Upgradation of DHQ Hospital Hafizabad (Group No. 1) ADP No. 768 For the Year 2021-2022)

Our Ref. No. CL/CED/ 4775 Dated: 03/05/2024 Test Specification

Your Ref. No. MCE/DHQ Hafizabad/23/114 Dated: 13/11/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 Tested on: 03/05/2024 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	RCC Slab	14	11	2023	6x6x6	---	8.4	36	54	3360	---	Non Engraved
2	RCC Slab	14	11	2023	6x6x6	---	8.4	36	88	5476	---	Non Engraved
3	RCC Slab	14	11	2023	6x6x6	---	8.4	36	90	5600	---	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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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.

7104
Dr. Umbreen

To: Engr. Irfan Umar
Resident Engineer, DHQ Hospital Hafizabad, Master Consulting Engineers (Pvt) Ltd

Project: Consultancy Service Resident Supervision for the Project titled "Upgradation of DHQ Hospital Hafizabad (Group No. 1) ADP No. 768 For the Year 2021-2022)

Our Ref. No. CL/CED/ 4776 Dated: 03/05/2024 Test Specification

Your Ref. No. MCE/DHQ Hafizabad/23/115 Dated: 03/12/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 Tested on: 03/05/2024 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	RCC Slab	4	12	2023	6x6x6	---	9	36	93	5787	---	Engraved
2	RCC Slab	4	12	2023	6x6x6	---	9	36	124	7716	---	Non Engraved
3	RCC Slab	4	12	2023	6x6x6	---	9.2	36	106	6596	---	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 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
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7104
Dr. Umbreen

To: Engr. Irfan Umar
Resident Engineer, DHQ Hospital Hafizabad, Master Consulting Engineers (Pvt) Ltd

Project: Consultancy Service Resident Supervision for the Project titled "Upgradation of DHQ Hospital Hafizabad (Group No. 1) ADP No. 768 For the Year 2021-2022)

Our Ref. No. CL/CED/ 4777 Dated: 03/05/2024 Test Specification

Your Ref. No. MCE/DHQ Hafizabad/24/116 Dated: 03/01/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 Tested on: 03/05/2024 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	RCC Slab	4	1	2024	6x6x6	---	8.6	36	80	4978	---	Non Engraved
2	RCC Slab	4	1	2024	6x6x6	---	8.8	36	87	5413	---	Non Engraved
3	RCC Slab	4	1	2024	6x6x6	---	8.8	36	115	7156	---	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 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
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6964
Engr. Usman Ali

To: Mr. M. Usman Rauf
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation of Road at 27/12 Katcha Jail Road Behind Tolinton Market LOS Data Gunj Buksh Zone Lahore. (MCL Projects)

Our Ref. No. CL/CED/ 4778 Dated: 03/05/2024 Test Specification

Your Ref. No. 4084/103/MUR/104/1829 Dated: 30/03/2024 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 01/04/2024 Tested on: 03/05/2024 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	MS	---	---	---	9 x 4.4 x 2.9	3715	3230	39.6	40	2263	15.02	---
2	MS	---	---	---	8.9 x 4.4 x 2.9	3750	3260	39.16	38	2174	15.03	---
3	MS	---	---	---	8.8 x 4.2 x 2.9	3205	2855	36.96	36	2182	12.26	---
4	MS	---	---	---	9 x 4.4 x 2.9	3705	3235	39.6	42	2376	14.53	---
5	MS	---	---	---	8.8 x 4.4 x 2.7	3605	3200	38.72	44	2545	12.66	---
6	MS	---	---	---	8.9 x 4.4 x 3	3725	3280	39.16	32	1830	13.57	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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.

7066
Engr. Usman Ali

To: Mr. Mohsin Farooq Khokhar
A/PE (Civil), Defence Housing Authority, Maint. Branch (A) Office A-11 Office Phase-I Lahore Cantt.

Project: Widening of Road Street 61 Sec E Phase-I and for Construction of Walkway of Public Park Sec CC/85 Ph-IV DHA Lahore. (Supply by Banu Mukhtar)

Our Ref. No. CL/CED/ 4779-1 of 2 Dated: 03/05/2024 Test Specification

Your Ref. No. Lab/Tuff Pavers/Maint Dated: 25/04/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 25/42024 Tested on: 03/05/2024 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, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2785	29.64	131	9900	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2780	29.64	115	8691	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2835	29.64	166	12545	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2795	29.64	125	9447	---	---
5	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2715	29.64	83	6273	---	---
6	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2825	29.64	152	11487	---	---
7	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2735	29.64	119	8993	---	---
8	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2820	29.64	121	9144	---	---
9	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2860	29.64	127	9598	---	---
10	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2775	29.64	138	10429	---	---
11	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2710	29.64	131	9900	---	---
12	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2830	29.64	127	9598	---	---
13	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2830	29.64	123	9296	---	---
14	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2835	29.64	142	10731	---	---
15	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2715	29.64	146	11034	---	---
16	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2865	29.64	117	8842	---	---

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.

7010
Engr. Usman Ali

To: Mr. Mohsin Farooq Khokhar
A/PE (Civil), Defence Housing Authority, Maint. Branch (A) Office A-11 Office Phase-I Lahore Cantt.

Project: Widening of Road Street 61 Sec E Phase-I and for Construction of Walkway of Public Park Sec CC/85 Ph-IV DHA Lahore. (Supply by Banu Mukhtar)

Our Ref. No. CL/CED/ 4779-2 of 2 Dated: 03/05/2024 Test Specification

Your Ref. No. Lab/Tuff Pavers/Maint Dated: 25/04/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 25/42024 Tested on: 03/05/2024 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, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2790	29.64	160	12092	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2835	29.64	154	11638	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2790	29.64	150	11336	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2795	29.64	113	8540	---	---
5	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2715	29.64	117	8842	---	---
6	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2825	29.64	115	8691	---	---
7	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2780	29.64	135	10202	---	---
8	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2780	29.64	111	8389	---	---
9	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2825	29.64	148	11185	---	---
10	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2795	29.64	119	8993	---	---
11	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2845	29.64	125	9447	---	---
12	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2835	29.64	107	8086	---	---
13	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2775	29.64	138	10429	---	---
14	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2825	29.64	119	8993	---	---
15	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2735	29.64	119	8993	---	---
16	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2750	29.64	113	8540	---	---

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
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ORIGINAL
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7105
Dr. Umbreen

To: ARE
Package V, MMP-PCP Okara. MM Pakistan (Pvt.) Ltd.

Project: Laying of Tuff Pavers/Tiles in Various Important Areas of Okara City.

Our Ref. No. CL/CED/ 4780 Dated: 03/05/2024 Test Specification

Your Ref. No. MMP/PCP/MCO/185/2024 Dated: 26/4/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 30/04/2024 Tested on: 03/05/2024 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	Uni-Block, Grey, 80mm	---	---	---	3.1" thick	---	4760	37.44	170	10171	---	---
2	Uni-Block, Grey, 80mm	---	---	---	3.1" thick	---	4715	37.44	186	11128	---	---
3	Uni-Block, Grey, 80mm	---	---	---	3.1" thick	---	4785	37.44	106	6342	---	---
4	Uni-Block, Grey, 80mm	---	---	---	3.1" thick	---	4555	37.44	177	10590	---	---
5	Uni-Block, Red, 80mm	---	---	---	3.1" thick	---	4615	37.44	144	8615	---	---
6	Uni-Block, Red, 80mm	---	---	---	3.1" thick	---	4605	37.44	134	8017	---	---
7	Uni-Block, Red, 80mm	---	---	---	3.1" thick	---	4555	37.44	146	8735	---	---
8	Uni-Block, Red, 80mm	---	---	---	3.1" thick	---	4500	37.44	140	8376	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Waseem Ahmed Hashmi, RE MMP/AID, DM-PMDFC & Mr. Zubair Hassan From Izhar Pavers

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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ORIGINAL
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7119
Engr. Usman Ali

To: Izhar Steel (Pvt) Ltd.
An Engineering Company

Project: Parco Pearl Gas Facility Expansion Project.

Our Ref. No. CL/CED/ 4781 **Dated:** 03/05/2024 **Test Specification**

Your Ref. No. ISPL-112-LET-00033 **Dated:** 02/05/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 02/05/2024 **Tested on:** 03/05/2024 **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	Solid Block (IZ-01)	---	---	---	12 x 6 x 8	---	22.2	72	87	2707	---	---
2	Solid Block (IZ-01)	---	---	---	12 x 6 x 8	---	21	72	70	2178	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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
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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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7119
Engr. Usman Ali

To: Izhar Steel (Pvt) Ltd.
An Engineering Company

Project: Parco Pearl Gas Facility Expansion Project

Our Ref. No. CL/CED/ 4782 **Dated:** 03/05/2024 **Test Specification**

Your Ref. No. ISPL-112-LET-00034 **Dated:** 02/05/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 02/05/2024 **Tested on:** 03/05/2024 **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	Solid Block (TRC-01)	---	---	---	11.9 x 5.9 x 8	---	21.2	68.71	48	1565	---	---
2	Solid Block (TRC-01)	---	---	---	11.9 x 5.9 x 8	---	21.2	68.71	36	1174	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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