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.

5185
Engr. Ubaid

To: Mr. M. Tahir Saleem, Project Manager
Rizwan Associates, Office No. 9, First Floor Sanitary Market I-11/3 Islamabad

Project: Construction of Regional Nuclear Safety Inspectorate-VI Johar Town, Lahore. (Client: Pakistan Nuclear Regulatory Authority, Islamabad)

Our Ref. No. CL/CED/ 1866-2 of 2 **Dated:** 18-05-23 **Test Specification**

Your Ref. No. Nil **Dated:** 05-05-23 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 05-05-23 **Tested on:** 18-05-23 **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	M	---	---	---	8.7 x 4.2 x 3	---	3270	36.54	43	2636	---	---
2	M	---	---	---	8.6 x 4.2 x 3	---	3280	36.12	46	2853	---	---
3	M	---	---	---	8.8 x 4.3 x 2.9	---	3220	37.84	43	2545	---	---
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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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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

5230
Engr. Ubaid

To: **Mr. Sohaib**
Sunergies Energy Solutions.

Project: Nil

Our Ref. No. CL/CED/ 1924 **Dated: 18-05-23** **Test Specification**

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

COMPRESSION TEST REPORT

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

Specimens received on: 17/05/2023 Tested on: 18-05-23 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	Kerb Stone	---	---	---	5.9x5.9x5.9	---	8240	34.81	66	4247	---	Cut Cube
2	---	---	---	---	---	---	---	---	---	---	---	---
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

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

5241
Engr. Ubaid

To: **Mr. M. Irbaz Khan**
Ozone Construction Chemicals Pvt. Ltd.

Project: Nil

Our Ref. No. CL/CED/ 1925 **Dated: 18-05-23** **Test Specification**

Your Ref. No. Nil **Dated: 18-05-23** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 18/05/2023 Tested on: 18-05-23 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	Ozone Grout NS	20	4	2023	4x4x4	---	2340	16	73	10220	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
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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ORIGINAL
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5215
Dr. Qasim

To: Mr. Waqas Ali
Variant, 25-t, Gulberg 2, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 1926 **Dated:** 18-05-23

Your Ref. No. VA/29/76 **Dated:** 10-05-23

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 15-05-23 **Tested on:** 18-05-23 **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 Ground Floor	17	3	2023	6Diax12	---	14.2	28.28	110	8713	---	Non Engraved
2	Column Ground Floor	17	3	2023	6Diax12	---	14	28.28	97	7683	---	Non Engraved
3	Column Ground Floor	17	3	2023	6Diax12	---	15	28.28	102	8079	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Khurram, CNIC # 35201-2458690-9

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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ORIGINAL
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5215
Dr. Qasim

To: Mr. Waqas Ali
Variant, 25-t, Gulberg 2, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 1927 **Dated:** 18-05-23

Your Ref. No. VA/29/77 **Dated:** 10-05-23

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 15-05-23 **Tested on:** 18-05-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	GF Lift Wall (D to E, 2 to 3)	21	3	2023	6Diax12	---	13.8	28.28	101	8000	---	Non Engraved
2	GF Lift Wall (D to E, 2 to 3)	21	3	2023	6Diax12	---	14	28.28	92	7287	---	Non Engraved
3	GF Lift Wall (D to E, 2 to 3)	21	3	2023	6Diax12	---	14	28.28	106	8396	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Khurram, CNIC # 35201-2458690-9

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ORIGINAL
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5215
Dr. Qasim

To: Mr. Waqas Ali
Variant, 25-t, Gulberg 2, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 1928 **Dated:** 18-05-23

Your Ref. No. VA/29/78 **Dated:** 10-05-23

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15-05-23 **Tested on:** 18-05-23 **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	Groud Floor Column	22	3	2023	6Diax12	---	13.4	28.28	77	6099	---	Non Engraved
2	Groud Floor Column	22	3	2023	6Diax12	---	14.2	28.28	107	8475	---	Non Engraved
3	Groud Floor Column	22	3	2023	6Diax12	---	13.2	28.28	118	9347	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Khurram, CNIC # 35201-2458690-9

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ORIGINAL
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5182
Engr. Ubaid

To: Mr. Umer Maqsood, Project Manager
AJK Engineers (Pvt.) Ltd.

Project: Construction of Creek Tower, 6 Street D, Upper Mall, Lahore.

Our Ref. No. CL/CED/ 1929 Dated: 18-05-23

Your Ref. No. AJK/UET/2023/05/01 Dated: 04-05-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-05-23 Tested on: 18-05-23 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	4	2023	6Diax12	---	13.4	28.28	66	5228	---	Non Engraved
2	---	2	4	2023	6Diax12	---	13.2	28.28	87	6891	---	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/

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ORIGINAL
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5226
Engr. Ubaid

To: **Engr. Ahsan Zahoor, Director.**
MAG Engineering.

Project: Construction of Commercial Plaza 5K. Phase-I, DHA, Lahore.

Our Ref. No. CL/CED/ 1930 **Dated: 18-05-23** **Test Specification**

Your Ref. No. Nil **Dated: 16-05-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 16-05-23 Tested on: 18-05-23 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	4	2023	6x6x6	---	8	36	51	3173	---	Non Engraved
2	---	14	4	2023	6x6x6	---	8	36	57	3547	---	Non Engraved
3	---	14	4	2023	6x6x6	---	8	36	49	3049	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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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)
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.

5176
Engr. Ubaid

To: Deputy Director (Technical)
Regional Directorate Anti Corruption Establishment, Multan Region, Multan

Project: Enquiry No. 102/23

Our Ref. No. CL/CED/ 1931-1 of 3 **Dated: 18-05-23** **Test Specification**

Your Ref. No. ACE. MR-(102)/23/2594 **Dated: 29-04-23** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 04-05-23 **Tested on:** 18-05-23 **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	Kerb Stone	---	---	---	6 x 6 x 5.6	---	7.4	36	73	4542	---	Cut Cube
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

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

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

5176
Engr. Ubaid

To: **Deputy Director (Technical)**
Regional Directorate Anti Corruption Establishment, Multan Region, Multan

Project: Enquiry No. 102/23

Our Ref. No. CL/CED/ 1931-2 of 3 **Dated: 18-05-23** **Test Specification**

Your Ref. No. ACE. MR-(102)/23/2594 **Dated: 29-04-23** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 04-05-23 **Tested on:** 18-05-23 **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, Red 50mm	---	---	---	7.8 x 3.9 x 2	---	2390	30.42	103	7584	---	---
2	Rectangular, Red 50mm	---	---	---	7.8 x 3.9 x 2	---	2280	30.42	94	6922	---	---
3	Rectangular, Red 50mm	---	---	---	7.8 x 3.9 x 2	---	2298	30.42	89	6554	---	---
4	Rectangular, Red 50mm	---	---	---	7.8 x 3.9 x 2	---	2394	30.42	100	7364	---	---
5	Rectangular, Red 50mm	---	---	---	7.8 x 3.9 x 2	---	2384	30.42	94	6922	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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 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
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5176
Engr. Ubaid

To: Deputy Director (Technical)
Regional Directorate Anti Corruption Establishment, Multan Region, Multan

Project: Enquiry No. 102/23

Our Ref. No. CL/CED/ 1931-3 of 3 **Dated: 18-05-23** **Test Specification**

Your Ref. No. ACE. MR-(102)/23/2594 **Dated: 29-04-23** **(----)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 04-05-23 **Tested on:** 18-05-23 **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	I-Section, Grey, 50mm	---	---	---	2.0 thick	---	3179	41.32	162	8782	---	---
2	I-Section, Grey, 50mm	---	---	---	2.0 thick	---	3214	41.32	170	9216	---	---
3	I-Section, Grey, 50mm	---	---	---	2.0 thick	---	3272	41.32	166	8999	---	---
4	I-Section, Red, 50mm	---	---	---	2.0 thick	---	2892	41.32	150	8132	---	---
5	I-Section, Red, 50mm	---	---	---	2.0 thick	---	3154	41.32	164	8891	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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.

5217
Dr. Umbreen

To: **Deputy Manager**
Security and Monitoring Department, Tariq Glass Industries Limited Sheikhupura.

Project: Nil

Our Ref. No. CL/CED/ 1932 **Dated: 18-05-23** **Test Specification**

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

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 15-05-23 Tested on: 18-05-23 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Cut Cube	---	---	---	2.4x2.2x2.2	---	430	5.28	4.7	1962	---	---
2	Cut Cube	---	---	---	2.2x2.2x2.1	---	406	4.84	15	6831	---	---
3	Cut Cube	---	---	---	2.4x2.3x2.1	---	432	5.52	16	6388	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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.

5223
Engr. Ubaid

To: Mr. Abdul Qayyum Chaudhary
Resident Engineer, Highway and Transportation Engineering Division, NESPAK Pvt. Ltd.

Project: Maintenance and Repair of Package Nos 1-3, 3B & 4-17 of Lahore Ring Road (Northern Loop) for Fy 2022-23. (Contractor: M/s Zoraiz Engineering Pvt. Ltd.)

Our Ref. No. CL/CED/ 1933 Dated: 18-05-23 Test Specification

Your Ref. No. 2636/103/M&R/AQC/22-23/05 Dated: 09-02-23 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 16-05-23 Tested on: 18-05-23 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	Kerb Stone	---	---	---	5.9 x 6 x 5.9	---	8	35.4	93	5885	---	Cut Cube
2	Kerb Stone	---	---	---	5.9 x 6 x 5.9	---	7.4	35.4	79	4999	---	Cut Cube
3	Kerb Stone	---	---	---	5.9 x 5.9 x 5.9	---	7.6	34.81	106	6821	---	Cut Cube
4	Kerb Stone	---	---	---	5.9 x 5.9 x 5.9	---	7.4	34.81	83	5341	---	Cut Cube
5	Kerb Stone	---	---	---	5.9 x 5.8 x 5.9	---	7.6	34.22	88	5760	---	Cut Cube
6	Kerb Stone	---	---	---	6 x 5.9 x 5.9	---	7.6	35.4	93	5885	---	Cut Cube
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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Plain and Reinforced Concrete Laboratory
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

5180
Dr. Umbreen

To: (Mr. Imran Sattar), Divisional Forest Officer
Kasur Forest Division at Changa Manga.

Project: Construction of Boundary Wall at Changa Manga Irrigated Plantation.

Our Ref. No. CL/CED/ 1934-1 of 3 Dated: 18-05-23

Your Ref. No. 964/AC Changa Manga Dated: 02-05-23

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-05-23 Tested on: 09-05-23 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	---	25	4	2023	6x6x6	---	7.4	36	43	2676	---	Non Engraved
2	---	25	4	2023	6x6x6	---	7.4	36	43	2676	---	Non Engraved
3	---	25	4	2023	6x6x6	---	7.6	36	47	2924	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

5180
Dr. Umbreen

To: **(Mr. Imran Sattar), Divisional Forest Officer**
Kasur Forest Division at Changa Manga.

Project: Construction of Boundary Wall at Changa Manga Irrigated Plantation.

Our Ref. No. CL/CED/ 1934-2 of 3 **Dated: 18-05-23**

Your Ref. No. 964/AC Changa Manga **Dated: 02-05-23**

Test Specification
(----)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 05-05-23 Tested on: 17-05-23 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(1:2:4)	25	4	2023	1.9x1.9x2.0	---	230	3.61	9	5495	---	Mortar Cube
2	(1:2:4)	25	4	2023	1.9x1.9x2.0	---	235	3.61	8.5	5189	---	Mortar Cube
3	(1:2:4)	25	4	2023	1.9x1.9x2.0	---	235	3.61	9.5	5800	---	Mortar Cube
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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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

5235
Engr. Ubaid

To: **Mr. Muhammad Azhar**
Resident Engineer, Barrage, Islam Barrage Consultants.

Project: Rehabilitation and Modernization of Islam Barrage.

Our Ref. No. CL/CED/ 1935 **Dated: 18-05-23** **Test Specification**

Your Ref. No. IBC/RE/UET/88 **Dated: 16-05-23** **(----)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 16-05-23 Tested on: 18-05-23 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	I-Section, Grey, 60mm	---	---	---	2.4 thick	---	3944	41.92	152	8122	---	Irrigation Colony
2	I-Section, Grey, 60mm	---	---	---	2.4 thick	---	3932	41.92	137	7321	---	Irrigation Colony
3	I-Section, Grey, 60mm	---	---	---	2.4 thick	---	3832	41.92	134	7160	---	Irrigation Colony
4	I-Section, Grey, 60mm	---	---	---	2.4 thick	---	3946	41.92	142	7588	---	Irrigation Colony
5	I-Section, Grey, 60mm	---	---	---	2.4 thick	---	3878	41.92	138	7374	---	Irrigation Colony
6	I-Section, Grey, 60mm	---	---	---	2.4 thick	---	3794	41.92	162	8656	---	Irrigation Colony
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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**