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.

4809
Dr. M. Yousaf

To: Mr. Muhammad Waris Jan
Asst, Manager (QA/QC), Engineering Kinetics (Pvt.) Ltd.

Project: Construction of P-627 De Sulphurization (Pioneer Cement)

Our Ref. No. CL/CED/ 1249 **Dated: 20/02/2023** **Test Specification**

Your Ref. No. Nil **Dated: 17/02/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 17/02/2023 **Tested on:** 20/02/2023 **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	Ramp R.W Fnd. (3000 Psi)	19	1	2023	6x6x6	---	9	36	93	5787	---	Non Engraved
2	Ramp R.W Fnd. (3000 Psi)	19	1	2023	6x6x6	---	8.8	36	111	6907	---	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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4809
Dr. M. Yousaf

To: Mr. Muhammad Waris Jan
Asst, Manager (QA/QC), Engineering Kinetics (Pvt.) Ltd.

Project: Construction of P-627 De Sulphurization (Pioneer Cement)

Our Ref. No. CL/CED/ 1250 **Dated: 20/02/2023** **Test Specification**

Your Ref. No. Nil **Dated: 17/02/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 17/02/2023 **Tested on:** 20/02/2023 **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	Silage Cello (4000 Psi)	21	1	2023	6x6x6	---	8.8	36	88	5476	---	Non Engraved
2	Silage Cello (4000 Psi)	21	1	2023	6x6x6	---	8.4	36	122	7591	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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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4760
Dr. M. Yousaf

To: **Mr. Waqas Asif, Director**
Icon Construction Services

Project: Embroidery Export Corporation Mosque Building at Daska Road Sialkot.

Our Ref. No. CL/CED/ 1251 **Dated: 20/02/2023** **Test Specification**

Your Ref. No. Nil **Dated: 09/02/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 10/2/2023 Tested on: 20/02/2023 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	3000 Psi	6	1	2023	6Diax12	---	14	28.28	100	7921	---	Engraved
2	3000 Psi	6	1	2023	6Diax12	---	13.8	28.28	66	5228	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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.

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ORIGINAL
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4760
Dr. M. Yousaf

To: **Mr. Waqas Asif, Director**
Icon Construction Services

Project: Embroidery Export Corporation Production Building at Daska Road Sialkot.

Our Ref. No. CL/CED/ 1252 **Dated: 20/02/2023** **Test Specification**

Your Ref. No. Nil **Dated: 09/02/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 10/2/2023 Tested on: 20/02/2023 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	7	12	2022	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
2	4000 Psi	7	12	2022	6Diax12	---	13	28.28	58	4594	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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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ORIGINAL
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4768
Dr. M. Yousaf

To: **Mr. Muhammad Zubair Ahmed**
A/XEN (B&R), Garrison Engineer (Navy), Naval Complex Walton Gulberg-III, Lahore.

Project: Construction of Children School (2nd and 3rd Floors) at NCW Lahore Phase-II-CA No. ENC-N-74/2022.

Our Ref. No. CL/CED/ 1253 **Dated: 20/02/2023** **Test Specification**

Your Ref. No. 6023/991/30/E-6 **Dated: 10/02/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13/2/2023 Tested on: 20/02/2023 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	First Floor Columns.	8	1	2023	6Diax12	---	14	28.28	100	7921	---	Non Engraved
2	First Floor Columns.	8	1	2023	6Diax12	---	14	28.28	60	4752	---	Non Engraved
3	First Floor Columns.	8	1	2023	6Diax12	---	13.2	28.28	71	5624	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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)
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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
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4810
Dr. M. Yousaf

To: Mr. Muhammad Irfan.
Material Engineer, Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Construction of Burj-1 by Ajwa Builders.

Our Ref. No. CL/CED/ 1254 Dated: 20/02/2023

Your Ref. No. DOC-BMC/AJWA/043 Dated: 17/02/2023

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 17/2/2023 Tested on: 20/02/2023 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	B-1 Columns # 04 (6000 Psi)	12	1	2023	6Diax12	---	13.8	28.28	109	8634	---	Non Engraved
2	B-1 Columns # 04 (6000 Psi)	12	1	2023	6Diax12	---	13.4	28.28	105	8317	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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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ORIGINAL
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4802
Dr. M. Yousaf

To: **Mr. NIU**
Henan DR Construction Group Co. Ltd. (Pakistan Branch)

Project: Construction of Challenge Special Economic Zone, Located in Bedian Distributary, Pandoki Lahore.

Our Ref. No. CL/CED/ 1255 **Dated: 20/02/2023**

Your Ref. No. Nil **Dated: 16/02/2023**

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 17/2/2023 Tested on: 20/02/2023 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	C-10 (1500 Psi)	8	1	2023	6x6x6	---	7.6	36	40	2489	---	Non Engraved
2	C-10 (1500 Psi)	8	1	2023	6x6x6	---	7.4	36	41	2551	---	Non Engraved
3	C-10 (1500 Psi)	8	1	2023	6x6x6	---	8	36	63	3920	---	Non Engraved
4	C-10 (1500 Psi)	8	1	2023	6x6x6	---	8	36	65	4044	---	Non Engraved
5	C-10 (1500 Psi)	8	1	2023	6x6x6	---	8	36	63	3920	---	Non Engraved
6	C-10 (1500 Psi)	8	1	2023	6x6x6	---	7.4	36	42	2613	---	Non Engraved
7	C-10 (1500 Psi)	8	1	2023	6x6x6	---	8	36	63	3920	---	Non Engraved
8	C-10 (1500 Psi)	8	1	2023	6x6x6	---	7.6	36	43	2676	---	Non Engraved
9	C-10 (1500 Psi)	8	1	2023	6x6x6	---	8.4	36	58	3609	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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

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4802
Dr. M. Yousaf

To: Mr. NIU
Henan DR Construction Group Co. Ltd. (Pakistan Branch)

Project: Construction of Challenge Special Economic Zone, Located in Bedian Distributary, Pandoki Lahore.

Our Ref. No. CL/CED/ 1256 Dated: 20/02/2023

Your Ref. No. Nil Dated: 16/02/2023

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 17/2/2023 Tested on: 20/02/2023 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	C-20 (3000 Psi)	27	12	2022	6x6x6	---	8	36	68	4231	---	Non Engraved
2	C-20 (3000 Psi)	27	12	2022	6x6x6	---	7.8	36	68	4231	---	Non Engraved
3	C-20 (3000 Psi)	27	12	2022	6x6x6	---	8.2	36	58	3609	---	Non Engraved
4	C-20 (3000 Psi)	27	12	2022	6x6x6	---	8	36	67	4169	---	Non Engraved
5	C-20 (3000 Psi)	27	12	2022	6x6x6	---	8.2	36	65	4044	---	Non Engraved
6	C-20 (3000 Psi)	27	12	2022	6x6x6	---	8.2	36	60	3733	---	Non Engraved
7	C-20 (3000 Psi)	27	12	2022	6x6x6	---	8	36	73	4542	---	Non Engraved
8	C-20 (3000 Psi)	27	12	2022	6x6x6	---	8	36	75	4667	---	Non Engraved
9	C-20 (3000 Psi)	27	12	2022	6x6x6	---	8	36	65	4044	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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
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.

4782
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No.12, Lahore.

Project: Establishment of Govt. Technical Training Institute for Women, Sabzazar District, Lahore.

Our Ref. No. CL/CED/ 1257 **Dated: 20/02/2023** **Test Specification**

Your Ref. No. N0.79 **Dated: 02/02/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 14/2/2023 Tested on: 20/02/2023 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	3rd Floor Col. Lift (1:1.5:3))	4	1	2023	6x6x6	---	8	36	43	2676	---	Non Engraved
2	3rd Floor Col. Lift (1:1.5:3))	4	1	2023	6x6x6	---	8.4	36	73	4542	---	Non Engraved
3	3rd Floor Col. Lift (1:1.5:3))	4	1	2023	6x6x6	---	8.2	36	44	2738	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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
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.

4782
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No.22, Lahore.

Project: Construction on Population Welfare House Punjab, at Lahore.

Our Ref. No. CL/CED/ 1258 **Dated: 20/02/2023** **Test Specification**

Your Ref. No. 24/22th **Dated: 11/02/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 14/2/2023 Tested on: 20/02/2023 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	3rd Floor Lift (1:1.5:3))	14	1	2023	6x6x6	---	8.6	36	65	4044	---	Non Engraved
2	3rd Floor Lift (1:1.5:3))	14	1	2023	6x6x6	---	8.6	36	59	3671	---	Non Engraved
3	3rd Floor Lift (1:1.5:3))	14	1	2023	6x6x6	---	8.4	36	58	3609	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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
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.

4782
Dr. M. Yousaf

To: **Sub Divisional Officer**
Buildings Sub Division No.22, Lahore.

Project: Construction on Population Welfare House Punjab, at Lahore.

Our Ref. No. CL/CED/ 1259 **Dated: 20/02/2023**

Your Ref. No. 21/22th **Dated: 10/02/2023**

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 14/2/2023 Tested on: 20/02/2023 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	3rd Floor Columns(1:1:2)	13	1	2023	6x6x6	---	8.4	36	63	3920	---	Non Engraved
2	3rd Floor Columns(1:1:2)	13	1	2023	6x6x6	---	8.4	36	43	2676	---	Non Engraved
3	3rd Floor Columns(1:1:2)	13	1	2023	6x6x6	---	8.4	36	53	3298	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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
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.

4782
Dr. M. Yousaf

To: **Sub Divisional Officer**
Buildings Sub Division No.22, Lahore.

Project: Construction on Population Welfare House Punjab at Lahore.

Our Ref. No. CL/CED/ 1260 **Dated: 20/02/2023** **Test Specification**

Your Ref. No. 19/22th **Dated: 07/02/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 Tested on: 20/02/2023 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	2nd Floor Slab (1:2:4)	9	1	2023	6x6x6	---	9	36	108	6720	---	Non Engraved
2	2nd Floor Slab (1:2:4)	9	1	2023	6x6x6	---	8.6	36	100	6222	---	Non Engraved
3	2nd Floor Slab (1:2:4)	9	1	2023	6x6x6	---	8.8	36	78	4853	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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
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.

4782
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No.22, Lahore.

Project: Construction on Population Welfare House Punjab, at Lahore.

Our Ref. No. CL/CED/ 1261 **Dated: 20/02/2023** **Test Specification**

Your Ref. No. 13/22th **Dated: 27/01/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 14/2/2023 Tested on: 20/02/2023 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	2nd Floor Lift (1:1.5:3)	31	12	2022	6x6x6	---	8.4	36	72	4480	---	Non Engraved
2	2nd Floor Lift (1:1.5:3)	31	12	2022	6x6x6	---	8.2	36	47	2924	---	Non Engraved
3	2nd Floor Lift (1:1.5:3)	31	12	2022	6x6x6	---	8.4	36	38	2364	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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
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.

4798
Dr. M. Yousaf

To: **Mr. Shakeel Salamat**
3A Tiles.

Project: New Age Cables

Our Ref. No. CL/CED/ 1262 **Dated: 20/02/2023** **Test Specification**

Your Ref. No. Nil **Dated: 15/02/2023** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/02/2023 Tested on: 20/02/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular Grey 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3690	30.42	70	5155	---	---
2	Rectangular Grey 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3890	30.42	88	6480	---	---
3	Rectangular Grey 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3740	30.42	96	7069	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

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

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

4800
Dr. M. Yousaf

To: (Brig. Saeed Ahmed Malik) SI (M), (R.)
NESPAK (Pvt.) Limited. Highway and Transportation Engineering Division

Project: Construction of Roads inside Auto Mobile Parts Market Badami Bagh Ravi Zone Lahore. Matropolitan Corporation Lahore (MCL Projects)/2022.

Our Ref. No. CL/CED/ 1263 Dated: 20/02/2023 **Test Specification**

Your Ref. No. 4084/BSAM/104/103/856 Dated: 09/01/2023 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 16/2/2023 **Tested on:** 20/02/2023 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3585	29.64	60	4534	---	---
2	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3510	29.64	55	4157	---	---
3	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3465	29.64	51	3854	---	---
4	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3510	29.64	71	5366	---	---
5	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3520	29.64	58	4383	---	---
6	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3570	29.64	69	5215	---	---
7	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3385	29.64	48	3628	---	---
8	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3430	29.64	58	4383	---	---
9	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3525	29.64	50	3779	---	---
10	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3405	29.64	48	3628	---	---
11	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3645	29.64	48	3628	---	---
12	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3540	29.64	70	5290	---	---
13	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3640	29.64	53	4005	---	---
14	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3565	29.64	63	4761	---	---
15	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3365	29.64	58	4383	---	---
16	Rectangular Grey 80mm	---	---	---	7.8x3.8x3.0	---	3315	29.64	56	4232	---	---

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**