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.

6663
Dr. M. Mazhar

To: **Hussain Construction Company**
Residential & Commercial Builders

Project: Construction of (Mess & Hostel) Slab of Ground Floor at CMH Medical and Dental College Lahore.

Our Ref. No. CL/CED/ 4162 **Dated: 14-02-24** **Test Specification**

Your Ref. No. Nil **Dated: 12-02-24** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12-02-24 **Tested on:** 13-02-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	3000 Psi (1:2:4)	2	1	2024	6Diax12	---	14	28.28	58	4594	---	Non Engarved
2	3000 Psi (1:2:4)	2	1	2024	6Diax12	---	14	28.28	56	4436	---	Non Engarved
3	3000 Psi (1:2:4)	2	1	2024	6Diax12	---	13	28.28	54	4277	---	Non Engarved
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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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6655
Dr. M. Mazhar

To: **Mr. Muhammad Saleem**
G.M, Professional Construction Services (Pvt.) Ltd.

Project: Construction of TCF Secondary School Basti Chanwali Qasba Gujrat.

Our Ref. No. CL/CED/ 4163 **Dated: 14-02-24**

Your Ref. No. PCS/24/Eng-12 **Dated: 02-02-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 02-02-24 **Tested on:** 13-02-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	First Floor Slab (1:2:4)	5	12	2023	6Diax12	---	12.2	28.28	44	3485	---	Non Engarved
2	First Floor Slab (1:2:4)	5	12	2023	6Diax12	---	12.8	28.28	38	3010	---	Non Engarved
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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6660
Dr. M. Mazhar

To: **Mr. Umair Latif**
Development Engineer, University of the Punjab, Office of the Chief Engineer

Project: Construction of Car Parking with 60mm Tuff Tiles and 3' High Steel Fence Infront of Gate # 01 of Hailey College of Commerce at Q.A.C. (Contractor: M/s Rana Aftab & Co.)

Our Ref. No. CL/CED/ 4164 **Dated: 14-02-24** **Test Specification**

Your Ref. No. D-3593-DE **Dated: 23-01-24** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 02-02-24 Tested on: 13-02-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Grey, 60mm	---	---	---	7.8x3.8x2.4	---	2770	29.64	97	7331	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8x3.8x2.4	---	2870	29.64	148	11185	---	---
3	Rectangular, Red, 60mm	---	---	---	7.8x3.8x2.4	---	2600	29.64	140	10580	---	---
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**

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ORIGINAL
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6681
Dr. M. Mazhar

To: Mr. Muhammad Sohail Anjum
Project Manager, MS IT Tower, Lahore.

Project: Construction of MS IT Tower at Plot 450,451 Johar Town, Lahore.

Our Ref. No. CL/CED/ 4165 **Dated: 14-02-24**

Your Ref. No. MSITT/UET/2024/C-012 **Dated: 12-02-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13-02-24 **Tested on:** 13-02-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	22 (3000 Psi)	12	1	2024	6Diax12	---	13.4	28.28	36	2851	---	Non Engraved
2	24 (3000 Psi)	12	1	2024	6Diax12	---	13.8	28.28	38	3010	---	Non Engraved
3	27 (3000 Psi)	12	1	2024	6Diax12	---	13.6	28.28	38	3010	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: M. M. Nazeer

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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6681
Dr. M. Mazhar

To: Mr. Muhammad Sohail Anjum
Project Manager, MS IT Tower, Lahore.

Project: Construction of MS IT Tower at Plot 450,451 Johar Town, Lahore.

Our Ref. No. CL/CED/ 4166 **Dated: 14-02-24**

Your Ref. No. MSITT/UET/2024/C-013 **Dated: 12-02-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13-02-24 **Tested on:** 13-02-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	34 (3000 Psi)	17	1	2024	6Diax12	---	13.4	28.28	24	1901	---	Non Engraved
2	37 (3000 Psi)	17	1	2024	6Diax12	---	13.2	28.28	20	1584	---	Non Engraved
3	40 (3000 Psi)	17	1	2024	6Diax12	---	13.6	28.28	24	1901	---	Non Engraved
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Witnessed by: M. M. Nazeer

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

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

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

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ORIGINAL
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6662
Dr. M. Mazhar

To: Mr. Hafiz Muhammad Saad, PMP
Project Manager, 7 Canal Developers.

Project: 7 Canal Residential Apartment Buildings

Our Ref. No. CL/CED/ 4167 **Dated:** 14-02-24

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

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 12-02-24 **Tested on:** 13-02-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	F.C-1	3	2	2024	6Diax12	---	16	28.28	50	3960	---	Non Engraved
2	F.C-2	3	2	2024	6Diax12	---	16	28.28	77	6099	---	Non Engraved
3	D-1	3	2	2024	6Diax12	---	13.6	28.28	56	4436	---	Non Engraved
4	D-2	3	2	2024	6Diax12	---	16	28.28	62	4911	---	Non Engraved
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Witnessed by: Mr. Shabbir Hussain

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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6687
Dr. M. Yousaf

To: Mr. SADAT WALEED ANSARI
Chief Resident Engineer/TL, JERS Consultancy (Pvt) Ltd.

Project: Punjab Cities Program (PCP) PMDFC, Construction of SWM Parking area in MC Daska. (M/s Imran Sharif Constructor).

Our Ref. No. CL/CED/ 4168 Dated: 14-02-24 Test Specification

Your Ref. No. 488-J01-102-09-02/CS/07 Dated: 22-01-24 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13-02-24 **Tested on:** 13-02-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Uni Block, Grey, 80mm	---	---	---	3.1 thick	---	4820	36.44	103	6332	---	---
2	Uni Block, Grey, 80mm	---	---	---	3.1 thick	---	4800	36.44	89	5471	---	---
3	Uni Block, Red, 80mm	---	---	---	3.1 thick	---	4420	36.44	110	6762	---	---
4	Uni Block, Red, 80mm	---	---	---	3.1 thick	---	4525	36.44	115	7069	---	---
5	Uni Block, Red, 80mm	---	---	---	3.1 thick	---	4675	36.44	92	5655	---	---
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Witnessed by: Mr. Zubair Khan, PMDFC, Mr. Sheharyar Ahmed, JERS

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

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ORIGINAL
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6678
Dr. M. Yousaf

To: Mr. M. Ashraf Javed
Project Incharge, Ijaz Cotton (Pvt) Ltd. Manufacturer & Exporter of Quality Wears.

Project: Ijaz Cotton Pvt. Ltd. Nabi Baksh 34 Km Ferozepur Road, Lahore.

Our Ref. No. CL/CED/ 4169 Dated: 14-02-24

Your Ref. No. TM-RAFT Dated: 13-02-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13-02-24 Tested on: 14-02-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(3750 Psi)	29	1	2024	6Diax12	---	13.4	28.28	57	4515	---	Non Engraved
2	(3750 Psi)	29	1	2024	6Diax12	---	13	28.28	52	4119	---	Non Engraved
3	(3750 Psi)	29	1	2024	6Diax12	---	13	28.28	55	4356	---	Non Engraved
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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 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.

6678
Dr. M. Yousaf

To: Mr. M. Ashraf Javed
Project Incharge, Ijaz Cotton (Pvt) Ltd. Manufacturer & Exporter of Quality Wears.

Project: Ijaz Cotton Pvt. Ltd. Nabi Baksh 34 Km Ferozepur Road, Lahore.

Our Ref. No. CL/CED/ 4170 Dated: 14-02-24

Your Ref. No. TM-RAFT Dated: 13-02-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13-02-24 Tested on: 14-02-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(3750 Psi)	28	1	2024	6Diax12	---	13	28.28	69	5465	---	Non Engraved
2	(3750 Psi)	28	1	2024	6Diax12	---	12.6	28.28	59	4673	---	Non Engraved
3	(3750 Psi)	28	1	2024	6Diax12	---	13.4	28.28	61	4832	---	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 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.

6694
Dr. M. Yousaf

To: Mr. Luqman Maqsood
Resident Engineer, Shahzad Ayub Associate (SAA), New Metro City Sri Alamgir.

Project: Nil

Our Ref. No. CL/CED/ 4171 **Dated:** 14-02-24

Your Ref. No. SAA-St-Rep-017 **Dated:** 12-02-24

Test Specification
(----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13-02-24 **Tested on:** 14-02-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Hollow Block	---	---	---	15.9x5.9x7.5	---	18.2	63.16	13	461	---	---
2	Hollow Block	---	---	---	15.9x5.9x7.8	---	21	66.51	22.5	758	---	---
3	Hollow Block	---	---	---	15.9x5.9x7.6	---	19.2	64.97	37	1276	---	---
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**

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.

6701
Dr. Aqsa

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

Project: Improvement of PCC Link Chanar Street Taj Bagh Scheme Lahore. (Aziz Bhatti Zone), (MCL Projects)

Our Ref. No. CL/CED/ 4172 Dated: 14-02-24 Test Specification

Your Ref. No. 4084/103/MUR/104/1194 Dated: 20-01-24 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 14-02-24 **Tested on:** 14-02-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	15	1	2024	6x6x6	---	8	36	98	6098	---	Non Engraved
2	---	15	1	2024	6x6x6	---	8	36	100	6222	---	Non Engraved
3	---	15	1	2024	6x6x6	---	8.4	36	87	5413	---	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**

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.

6653
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division No. 15, Lahore

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766 For the Year 2023-24)

Our Ref. No. CL/CED/ 4173 Dated: 14/2/2024 **Test Specification**

Your Ref. No. No. 109 Dated: 31/1/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 01-02-24 **Tested on:** 14/2/2024 **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 Uper Bsmnt (4000 Psi)	26	1	2024	6Diax12	---	13	28.28	41	3248	---	Non Engraved
2	Column Uper Bsmnt (4000 Psi)	26	1	2024	6Diax12	---	13.6	28.28	43	3406	---	Non Engraved
3	Column Uper Bsmnt (4000 Psi)	26	1	2024	6Diax12	---	13	28.28	70	5545	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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.

6653
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division No. 15, Lahore

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766 For the Year 2023-24)

Our Ref. No. CL/CED/ 4174 Dated: 14/2/2024 **Test Specification**

Your Ref. No. No. 105 Dated: 31/1/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 01-02-24 **Tested on:** 14/2/2024 **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	R/W Uper Bsmnt (4000 Psi)	26	1	2024	6Diax12	---	13	28.28	68	5386	---	Non Engraved
2	R/W Uper Bsmnt (4000 Psi)	26	1	2024	6Diax12	---	11.6	28.28	72	5703	---	Non Engraved
3	R/W Uper Bsmnt (4000 Psi)	26	1	2024	6Diax12	---	12.6	28.28	54	4277	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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.

6653
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division No. 15, Lahore

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766 For the Year 2023-24)

Our Ref. No. CL/CED/ 4175 Dated: 14/2/2024 **Test Specification**

Your Ref. No. No. 107 Dated: 31/1/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 01-02-24 **Tested on:** 14/2/2024 **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	Lower Basement Slab (3000 Psi)	6	1	2024	6Diax12	---	12	28.28	55	4356	---	Non Engraved
2	Lower Basement Slab (3000 Psi)	6	1	2024	6Diax12	---	13.2	28.28	62	4911	---	Non Engraved
3	Lower Basement Slab (3000 Psi)	6	1	2024	6Diax12	---	11.8	28.28	51	4040	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

6700
Dr. Aqsa

To: Mr. Wajahat Ali
Director Conservation & Design, AGHA KHAN CULTURAL SERVICE-Pakistan

Project: Conservation & Restoration of Lahore Fort.

Our Ref. No. CL/CED/ 4176 **Dated:** 14/2/2024

Your Ref. No. Nil **Dated:** 13/2/2024

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2024 **Tested on:** 14/2/2024 **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	N' (2:2:3)	20	1	2024	6x6x6	---	6	36	5	311	---	Non Engraved
2	A (1:2:3)	20	1	2024	6x6x6	---	6.2	36	4	249	---	Non Engraved
3	A' (1:2:3)	20	1	2024	6x6x6	---	6.4	36	6	373	---	Non Engraved
4	H (1:2:3)	20	1	2024	6x6x6	---	6	36	2	124	---	Non Engraved
5	Z (1:2:3)	20	1	2024	6x6x6	---	6.2	36	5	311	---	Non Engraved
6	---	---	---	---	---	---	---	---	---	---	---	---
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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.

6685
Dr. Aqsa

To: **CW Manager**
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Structure (Raft, DG & ODU); Ratio (1:1.5:3 & 1:4:8)

Our Ref. No. CL/CED/ 4177 **Dated: 14/2/2024** **Test Specification**

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

COMPRESSION TEST REPORT

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

Specimens received on: 13/2/2024 Tested on: 14/2/2024 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	Site ID N2_2023_50	6	1	2024	6x6x6	---	8	36	109	6782	---	Non Engraved
2	Site ID N2_2023_50	6	1	2024	6x6x6	---	8	36	100	6222	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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.

6685
Dr. Aqsa

To: **CW Manager**
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Isalmabad

Project: Structure (Column); Ratio (1:1.5:3 & 1:4:8)

Our Ref. No. CL/CED/ 4178 **Dated: 14/2/2024** **Test Specification**

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

COMPRESSION TEST REPORT

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

Specimens received on: 13/2/2024 Tested on: 14/2/2024 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	Site ID N2_2023_50	7	1	2024	6x6x6	---	8	36	95	5911	---	Non Engraved
2	Site ID N2_2023_50	7	1	2024	6x6x6	---	8	36	130	8089	---	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**

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.

6664
Dr. Aqsa

To: Mr. Muhammad Arfan Asif
Engineer's Representative, Consulting Engineers- C.M Division, NESPAK (Pvt) Ltd.

Project: Renovation/Upgradation of National Cricket Academy (Players Block) Lahore. (M/s NESCO Construction Services)

Our Ref. No. CL/CED/ 4179 Dated: 14/2/2024 **Test Specification**

Your Ref. No. 4251/MAA/04/22 Dated: 07-02-24 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/2/2024 **Tested on:** 14/2/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	27	1	2024	6x6x6	---	8.6	36	50	3111	---	Non Engraved
2	---	27	1	2024	6x6x6	---	8.4	36	59	3671	---	Non Engraved
3	---	27	1	2024	6x6x6	---	8.6	36	53	3298	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

6683
Dr. Aqsa

To: HSM Engineering, We Build Solutions
Bhanpur Gujranwala.

Project: Construction of Record Room at Attock Petroleum Ltd Machike Sheikhupura.

Our Ref. No. CL/CED/ 4180 **Dated:** 14/2/2024

Your Ref. No. HSM.CT.3056.APL.006 **Dated:** 09-02-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13/2/2024 **Tested on:** 14/2/2024 **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 and Roof Beam	3	1	2024	6x6x6	---	8.6	36	87	5413	---	Non Engraved
2	Roof Slab and Roof Beam	3	1	2024	6x6x6	---	8.8	36	74	4604	---	Non Engraved
3	Roof Slab and Roof Beam	3	1	2024	6x6x6	---	8.2	36	73	4542	---	Non Engraved
4	Parapet Wall	9	1	2024	6x6x6	---	8.2	36	65	4044	---	Non Engraved
5	Parapet Wall	9	1	2024	6x6x6	---	8	36	64	3982	---	Non Engraved
6	Parapet Wall	9	1	2024	6x6x6	---	8.2	36	58	3609	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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.

6665
Dr. Aqsa

To: Sub Divisional Officer
Building Sub Division No. 2, Lahore

Project: Implement of Master Plan of Safari Zoo Lahore (Group No. 1)

Our Ref. No. CL/CED/ 4181 **Dated: 14/2/2024** **Test Specification**

Your Ref. No. No. 27 **Dated: 29/1/2024** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 12-02-24 **Tested on:** 14/2/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3765	29.64	133	10051	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3725	29.64	127	9598	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3720	29.64	144	10883	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3715	29.64	112	8464	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3795	29.64	127	9598	---	---
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3700	29.64	109	8238	---	---
7	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3740	29.64	104	7860	---	---
8	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3725	29.64	79	5970	---	---
9	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3700	29.64	97	7331	---	---
10	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3775	29.64	97	7331	---	---
11	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3745	29.64	77	5819	---	---
12	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3800	29.64	119	8993	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

6673
Dr. Aqsa

To: Mr. Hamid Iqbal Paracha
Chief Executive, FIRST and FAST Construction Company Pvt. Ltd.

Project: Ext Main Building at Master Auto Engineering (SMC) Pvt Ltd at Plot No. 315, 316 Sahiawala, M3 Industrial Estate Faisalabad.

Our Ref. No. CL/CED/ 4182 Dated: 14/2/2024 Test Specification

Your Ref. No. FNF/PT/003 Dated: 12-02-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 12-02-24 Tested on: 14/2/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Grey, 80mm- 1/1	5	2	2024	7.8 x 3.9 x 3	---	3230	30.42	66	4860	---	---
2	Rectangular, Grey, 80mm- 2/1	5	2	2024	7.8 x 3.9 x 2.9	---	3105	30.42	60	4418	---	---
3	Rectangular, Grey, 80mm-3/1	5	2	2024	7.8 x 3.9 x 2.9	---	3145	30.42	60	4418	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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.

6673
Dr. Aqsa

To: Mr. Hamid Iqbal Paracha
Chief Executive, FIRST and FAST Construction Company Pvt. Ltd.

Project: Ext Main Building at Master Auto Engineering (SMC) Pvt Ltd at Plot No. 315, 316 Sahiawala, M3 Industrial Estate Faisalabad

Our Ref. No. CL/CED/ 4183 Dated: 14/2/2024 Test Specification

Your Ref. No. FNF/PT/003 Dated: 12-02-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 12-02-24 Tested on: 14/2/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Grey, 80mm- 1/2	29	1	2024	7.8 x 3.8 x 3	---	3060	29.64	50	3779	---	---
2	Rectangular, Grey, 80mm- 2/2	29	1	2024	7.8 x 3.8 x 3	---	3195	29.64	65	4912	---	---
3	Rectangular, Grey, 80mm-3/2	29	1	2024	7.8 x 3.8 x 3	---	3155	29.64	57	4308	---	---
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
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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.

6673
Dr. Aqsa

To: Mr. Hamid Iqbal Paracha
Chief Executive, FIRST and FAST Construction Company Pvt. Ltd.

Project: Ext Main Building at Master Auto Engineering (SMC) Pvt Ltd at Plot No. 315, 316 Sahiawala, M3 Industrial Estate Faisalabad.

Our Ref. No. CL/CED/ 4184 Dated: 14/2/2024 Test Specification

Your Ref. No. FNF/PT/003 Dated: 12-02-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 12-02-24 Tested on: 14/2/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Grey, 80mm- 1/3	29	1	2024	7.8 x 3.8 x 3.1	---	3055	29.64	25	1889	---	---
2	Rectangular, Grey, 80mm- 2/3	29	1	2024	7.8 x 3.8 x 3.1	---	3395	29.64	99	7482	---	---
3	Rectangular, Grey, 80mm-3/3	29	1	2024	7.8 x 3.8 x 3	---	3175	29.64	57	4308	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

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.

6675
Dr. Aqsa

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

Project: Rehabilitation/ Improvement of Out Fall Road Portion from Lower Mall Road to Chowk Islamia College Civil Line DGB Zone Lahore. (MCL Projects)

Our Ref. No. CL/CED/ 4185 Dated: 14/2/2024 Test Specification

Your Ref. No. 4084/103/MUR/104/1220 Dated: 12-02-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 12-02-24 Tested on: 14/2/2024 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	---	2635	29.64	110	8313	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2735	29.64	83	6273	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2700	29.64	110	8313	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2635	29.64	77	5819	---	---
5	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2660	29.64	113	8540	---	---
6	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2705	29.64	102	7709	---	---
7	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2625	29.64	132	9976	---	---
8	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2630	29.64	97	7331	---	---
9	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2795	29.64	133	10051	---	---
10	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2695	29.64	93	7028	---	---
11	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2735	29.64	92	6953	---	---
12	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2635	29.64	105	7935	---	---
13	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2685	29.64	115	8691	---	---
14	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2780	29.64	69	5215	---	---
15	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2670	29.64	73	5517	---	---
16	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2700	29.64	118	8918	---	---

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

6654
Dr. Aqsa

To: Mr. Sohail Rasool
Plant Manager, OPI GAS Plant Sadhoke

Project: Nil

Our Ref. No. CL/CED/ 4186 **Dated:** 14/2/2024 **Test Specification** (----)

Your Ref. No. Nil **Dated:** 02-02-24

COMPRESSION TEST REPORT

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

Specimens received on: 02-02-24 **Tested on:** 14/2/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Grey, 80mm	4	1	2024	7.8 x 3.8 x 3.1	---	3720	29.64	96	7255	---	---
2	Rectangular, Grey, 80mm	4	1	2024	7.8 x 3.8 x 3.1	---	3845	29.64	117	8842	---	---
3	Rectangular, Grey, 80mm	4	1	2024	7.8 x 3.8 x 3.1	---	3855	29.64	118	8918	---	---
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.

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

6654
Dr. Aqsa

To: Mr. Sohail Rasool
Plant Manager, OPI GAS Plant Sadhoke

Project: Nil

Our Ref. No. CL/CED/ 4187 **Dated:** 14/2/2024 **Test Specification**

Your Ref. No. Nil **Dated:** 02-02-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 02-02-24 **Tested on:** 14/2/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Grey, 80mm	4	1	2024	7.8 x 3.8 x 3.1	---	3890	29.64	115	8691	---	---
2	Rectangular, Grey, 80mm	4	1	2024	7.8 x 3.8 x 3.1	---	3885	29.64	109	8238	---	---
3	Rectangular, Grey, 80mm	4	1	2024	7.8 x 3.8 x 3.1	---	3750	29.64	92	6953	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

ORIGINAL
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6661
Dr. M. Yousaf

To: Manager Marketing
Innovative Concrete Products (Pvt) Limited

Project: Mr. AFZAL ALI VIRK (PSO PUMP, SHEIKHUPURA)

Our Ref. No. CL/CED/ 4188 **Dated: 14/2/2024** **Test Specification**

Your Ref. No. Nil **Dated: 31/1/2024** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 02-02-24 **Tested on:** 12-02-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3720	29.64	85	6424	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3740	29.64	105	7935	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3670	29.64	88	6650	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3665	29.64	96	7255	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3725	29.64	95	7179	---	---
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3650	29.64	83	6273	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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