



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.

7754
 Dr. M. Yousaf

To: Mr. Muhammad Hassan Khan
 Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.
Project: Reconstruction of Road from Govt. Boys High School Ghosia Colony Kamahan to Muhammad Ali Chowk, Lahore. (Contractor: M/S SAAD RIAZ AND COMPANY)
Our Ref. No. CL/CED/ 5875 **Dated:** 12-09-24
Your Ref. No. 3772/103/MHK/ADP/Ghosia Col. Minhala Kala/12 **Dated:** 30-08-24

Test Specification
 (----)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	CH	---	---	---	9 x 4.4 x 3.2	---	3470	39.6	44	2489	---	---
2	CH	---	---	---	9 x 4.3 x 3	---	3375	38.7	24	1389	---	---
3	CH	---	---	---	9 x 4.4 x 3	---	3515	39.6	46	2602	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

- 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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7754
 Dr. M. Yousaf

To: Mr. Muhammad Hassan Khan
 Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.
 Project: Construction of Carpet / PCC / Tuff Tile and Drainage Facilities in UC No. 183, Julo, Lahore.
 (Contractor: M/S M. NAEEM CONSTRUCTION CO.)
 Our Ref. No. CL/CED/ 5876 Dated: 12-09-24
 Your Ref. No. 3772/103/MHK/ADP/JULO/10 Dated: 30-08-24

Test Specification
 (----)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	CH	---	---	---	9 x 4.3 x 3	---	3195	38.7	35	2026	---	---
2	CH	---	---	---	8.8 x 4.3 x 2.9	---	3225	37.84	38	2249	---	---
3	CH	---	---	---	9 x 4.4 x 3.1	---	3405	39.6	37	2093	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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Director/Dy. Director Concrete Laboratory



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Dr. M. Yousaf

To: Mr. Muhammad Hassan Khan
Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.
Project: Construction of Carpet / PCC / Tuff Tile and Drainage Facilities in UC No. 193, Bungali & UC No. 194 Laher, Lahore. (Contractor: M/S AMMAD GHAS CONSTRUCTION CO.)
Our Ref. No. CL/CED/ 5877 Dated: 12-09-24 Test Specification
Your Ref. No. 3772/103/MHK/ADP/Bungali, Lidhar-(AG)/12 Dated: 30-08-24 (----)

COMPRESSION TEST REPORT



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

Specimens received on: 05-09-24 Tested on: 12-09-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	S	---	---	---	8.9 x 4.4 x 3.1	---	3405	39.16	44	2517	---	---
2	S	---	---	---	8.9 x 4.3 x 3	---	3435	38.27	34	1990	---	---
3	S	---	---	---	8.9 x 4.3 x 3	---	3405	38.27	49	2868	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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To: Mr. Muhammad Hassan Khan
 Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.
 Project: Construction of Carpet / PCC / Tuff Tile and Drainage Facilities in UC No. 195 Hair, UC No. 189 Burki & UC No. 182 Dograay Kalan, Lahore. (Contractor: M/S KARIM GHAS CONSTRUCTION CO.)
 Our Ref. No. CL/CED/ 5878 Dated: 12-09-24
 Your Ref. No. 3772/103/MHK/ADP/Hair,Burki,Dogr. Kal- (KG)/12 Dated: 30-08-24

Test Specification
 (----)

COMPRESSION TEST REPORT



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

Specimens received on: 05-09-24 Tested on: 12-09-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	S	---	---	---	8.9 x 4.4 x 3.1	---	3420	39.16	40	2288	---	---
2	S	---	---	---	9 x 4.3 x 3	---	3390	38.7	42	2431	---	---
3	S	---	---	---	8.9 x 4.3 x 3	---	3395	38.27	44	2575	---	---
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ORIGINAL
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7749
 Dr. M. Yousaf

To: Mr. Asif Pervaiz Butt
 Resident Engineer, RITZ Developers (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 5879

Dated: 12-09-24

Test Specification

Your Ref. No. Nil

Dated: 05-09-24

(----)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Silbatta Marble Balochistan	---	---	---	6 x 6 x 0.7	---	1050	36	72	4480	---	Cut Piece, Polished
2	Silbatta Marble Balochistan	---	---	---	6 x 6 x 0.7	---	1185	36	78	4853	---	Cut Piece Without Polish
3	---	---	---	---	---	---	---	---	---	---	---	---
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7749
 Dr. M. Yousaf

To: Mr. Asif Pervaiz Butt
 Resident Engineer, RITZ Developers (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 5880

Dated: 12-09-24

Test Specification

Your Ref. No. Nil

Dated: 05-09-24

(----)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	I-Section, Grey, 60mm	---	---	---	2.4 thick	---	3660	41.92	126	6733	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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7734
 Dr. M. Yousaf

To: Sub Divisional Officer
 Wanwala Sub Division, Thingi.

Project: Concrete Lining of Maqsooda Minor from RD0+000-17+000 Tail.

Our Ref. No. CL/CED/ 5881

Dated: 12-09-24

Test Specification

Your Ref. No. 261

Dated: 22-08-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03-09-24 **Tested on:** 12-09-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	2+700-3+700 (1:2:4)	25	7	2024	6x6x6	---	8	36	64	3982	---	Non Engraved
2	2+700-3+700 (1:2:4)	25	7	2024	6x6x6	---	8.2	36	67	4169	---	Non Engraved
3	2+700-3+700 (1:2:4)	25	7	2024	6x6x6	---	7.6	36	62	3858	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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7796
 Dr. M. Yousaf

To: Mr. M. Arslan Khaleel
 Assistant Store Keeper, M/S Amanah Noor Residence, Wapda Town, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 5882

Dated: 12-09-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12-09-24 Tested on: 12-09-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	7th to 8th Floor Zone (C)	4	9	2024	6Diax12	---	13.2	28.28	29	2297	---	Non Engraved
2	7th to 8th Floor Zone (C)	4	9	2024	6Diax12	---	13.2	28.28	29	2297	---	Non Engraved
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. M. Arslan Khaleel, CNIC # 33301-8638712-3

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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.

7741
 Dr. M. Yousaf

To: M/s Alive-Civil Works Contractor
 Office No. 8 First Floor Valencia Mall, PECHS, Lahore, Pakistan.

Project: 114 B Block Model Town Lahore.

Our Ref. No. CL/CED/ 5883

Dated: 12-09-24

Test Specification

Your Ref. No. 114-FF/PSI-3K750/UET

Dated: 13-08-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 04-09-24 **Tested on:** 12-09-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Footing & Fnd (3750 Psi)	13	8	2024	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
2	Footing & Fnd (3750 Psi)	13	8	2024	6Diax12	---	13.2	28.28	69	5465	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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.

7800
 Dr. M. Yousaf

To: **Mr. RAFAQAT ALI**
 (C.E.O), For R.A ASSOCIATES. Sabzazar-Lahore.

Project: Construction of Modular Vault at HBL Bank Faisal Town, Lahore.

Our Ref. No. CL/CED/ 5884

Dated: 12-09-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(----)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Solid Block	---	---	---	12x8.0x8.0	---	30	96	125	2917	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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.

7781
 Dr. M. Yousaf

To: Sub Divisional Officer
 Buildings Sub Division No. 11, Lahore

Project: Establishment of Safe City Girls Hostel at Lahore (Pouring of First Floor Columns)

Our Ref. No. CL/CED/ 5885

Dated: 12-09-24

Test Specification

Your Ref. No. 118/11th

Dated: 06-09-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 10-09-24 Tested on: 12-09-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	4000 Psi (1:1.5:3)	7	8	2024	6x6x6	---	9	36	72	4480	---	Non Engraved
2	4000 Psi (1:1.5:3)	7	8	2024	6x6x6	---	8	36	74	4604	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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.

7781
 Dr. M. Yousaf

To: Sub Divisional Officer
 Buildings Sub Division No. 11, Lahore

Project: Establishment of Safe City Girls Hostel at Lahore (Pouring of Ground Floor Column)

Our Ref. No. CL/CED/ 5886

Dated: 12-09-24

Test Specification

Your Ref. No. 296/11th

Dated: 27/7/2024

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 10-09-24 **Tested on:** 12-09-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	4000 Psi (1:1.5:3)	25	6	2024	6x6x6	---	8	36	67	4169	---	Non Engraved
2	4000 Psi (1:1.5:3)	25	6	2024	6x6x6	---	8.2	36	74	4604	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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7781
 Dr. M. Yousaf

To: Sub Divisional Officer
 Buildings Sub Division No. 11, Lahore

Project: Establishment of Safe City Girls Hostel at Lahore (Pouring of Plinth Beams)

Our Ref. No. CL/CED/ 5887

Dated: 12-09-24

Test Specification

Your Ref. No. 138/11th

Dated: 29/8/2024

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 10-09-24 **Tested on:** 12-09-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	3000 Psi (1:2:4)	28	7	2024	6x6x6	---	8.6	36	86	5351	---	Non Engraved
2	3000 Psi (1:2:4)	28	7	2024	6x6x6	---	9.6	36	103	6409	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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7781
 Dr. M. Yousaf

To: Sub Divisional Officer
 Buildings Sub Division No. 11, Lahore

Project: Establishment of Safe City Girls Hostel at Lahore (Pouring of Beams & Slab)

Our Ref. No. CL/CED/ 5888

Dated: 12-09-24

Test Specification

Your Ref. No. 113/11th

Dated: 05-08-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **Tested on:** **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	(1:2:4)	3	8	2024	6x6x6	---	8.6	36	83	5164	---	Non Engraved
2	(1:2:4)	3	8	2024	6x6x6	---	8.4	36	67	4169	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

7781
 Dr. M. Yousaf

To: Sub Divisional Officer
 Buildings Sub Division No. 11, Lahore

Project: Establishment of Safe City Girls Hostel at Lahore (Pouring of Raft Foundation and Footing Beam)

Our Ref. No. CL/CED/ 5889

Dated: 12-09-24

Test Specification

Your Ref. No. 132/11th

Dated: 24/8/2024

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	3000 Psi (1:2:4)	22	7	2024	6x6x6	---	9	36	72	4480	---	Non Engraved
2	3000 Psi (1:2:4)	22	7	2024	6x6x6	---	9	36	100	6222	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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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Civil Engineering Department
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

7763
 Dr. M. Yousaf

To: Mr. M. Usman Rauf
 Resident Engineer, Highways and Transportation Engineering Division, NESPAK (PVT) Ltd
 Project: Rehabilitation of PCC Taimoor Street Tariq Block Main Rasheed Road UC-143 Wahga Zone MC, Lahore (MCL PROJECTS)
 Our Ref. No. CL/CED/ 5890 Dated: 12-09-24
 Your Ref. No. 4084/103/MUR/104/1897 Dated: 03-09-24

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	S	---	---	---	8.8 x 4.3 x 3	3865	3390	37.84	36	2131	14.01	---
2	S	---	---	---	8.8 x 4.4 x 3	3875	3395	38.72	28	1620	14.14	---
3	S	---	---	---	8.8 x 4.3 x 3	3720	3390	37.84	34	2013	9.73	---
4	S	---	---	---	8.8 x 4.3 x 3	3825	3385	37.84	26	1539	13	---
5	S	---	---	---	8.8 x 4.4 x 3	3835	3350	38.72	44	2545	14.48	---
6	S	---	---	---	8.9 x 4.4 x 3	3790	3435	39.16	26	1487	10.33	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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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.

7699
 Dr. M. Yousaf

To: Mr. Safdar Rashid
 Resident Engineer, Consulting Engineers-Architecture & Planning Division, NESPAK (Pvt) Ltd

Project: KBCMA COLLEGE OF VETERINARY AND ANIMAL SCIENCES NAROWAL CAMPUS

Our Ref. No. CL/CED/ 5891

Dated: 12-09-24

Test Specification

Your Ref. No. 4650/311/SR/30

Dated: 20/8/2024

(BS 3921)**

COMPRESSION TEST REPORT



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

Specimens received on: 28/8/2024 Tested on: 12-09-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	NBC	---	---	---	8.8 x 4.2 x 2.8	3680	3125	36.96	40	2424	17.76	---
2	NBC	---	---	---	8.9 x 4.2 x 2.9	3605	3110	37.38	44	2637	15.92	---
3	NBC	---	---	---	8.8 x 4.2 x 2.8	3535	3215	36.96	40	2424	9.95	---
4	NBC	---	---	---	8.8 x 4.2 x 3	3700	3280	36.96	40	2424	12.8	---
5	NBC	---	---	---	8.8 x 4.2 x 2.9	3545	3180	36.96	40	2424	11.48	---
6	NBC	---	---	---	8.8 x 4.4 x 2.9	3550	3105	38.72	37	2140	14.33	---
7	NBC	---	---	---	8.9 x 4.2 x 3	3680	3270	37.38	40	2397	12.54	---
8	NBC	---	---	---	8.9 x 4.3 x 3	3630	3280	38.27	44	2575	10.67	---
9	NBC	---	---	---	8.9 x 4.2 x 2.8	3510	3275	37.38	44	2637	7.18	---
10	NBC	---	---	---	8.9 x 4.2 x 3	3615	3180	37.38	43	2577	13.68	---
11	NBC	---	---	---	8.8 x 4.2 x 3	3520	3270	36.96	35	2121	7.65	---
12	NBC	---	---	---	8.9 x 4.2 x 2.9	3545	3230	37.38	44	2637	9.75	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

ORIGINAL
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7744
 Dr. M. Yousaf

To: Mr. Muhammad Hassan Khan
 Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd.

Project: PCC / DRAINAGE SCHEME / SEWERAGE SCHEME AHLU

Our Ref. No. CL/CED/ 5892

Dated: 12-09-24

Test Specification

Your Ref. No. 3772/103/MHK/ADP/Ahlu/12

Dated: 02-09-24

(BS 3921)**

COMPRESSION TEST REPORT



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

Specimens received on: 05-09-24 **Tested on:** 12-09-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	RN	---	---	---	9.1 x 4.5 x 3	3820	3320	40.95	38	2079	15.06	---
2	RN	---	---	---	8.8 x 4.2 x 3	3520	3410	36.96	60	3636	3.23	---
3	RN	---	---	---	8.5 x 4.2 x 2.8	3760	3355	35.7	46	2886	12.07	---
4	RN	---	---	---	8.5 x 4.3 x 3	3780	3415	36.55	46	2819	10.69	---
5	RN	---	---	---	8.7 x 4.2 x 2.8	3730	3370	36.54	47	2881	10.68	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Director/Dy. Director Concrete Laboratory



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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.

7785
 Dr. M. Yousaf

To: Mr. Muhammad Umar
 Dy. Director (Maintenance), National Highway Authority Lahore
 Project: Contract No. SM-PN-19-05-09 For Construction of Bus Bays Between KM 1130+000 - 1219+500 (NBC & SBC) on N-5
 Our Ref. No. CL/CED/ 5893 Dated: 12-09-24
 Your Ref. No. SM-PN-19-05-09/DD(M)/NHA/LHR/24/875 Dated: 12-07-24

Test Specification
 (----)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Uni-Block, Grey, 60mm	---	---	---	2.4 thick	---	3570	37.44	184	11009	---	---
2	Uni-Block, Grey, 60mm	---	---	---	2.4 thick	---	3460	37.44	154	9214	---	---
3	Uni-Block, Grey, 60mm	---	---	---	2.4 thick	---	3475	37.44	160	9573	---	---
4	Uni-Block, Grey, 60mm	---	---	---	2.4 thick	---	3460	37.44	175	10470	---	---
5	Uni-Block, Grey, 60mm	---	---	---	2.4 thick	---	3420	37.44	170	10171	---	---
6	Uni-Block, Grey, 60mm	---	---	---	2.4 thick	---	3540	37.44	174	10410	---	---
7	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4605	37.44	146	8735	---	---
8	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4720	37.44	144	8615	---	---
9	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4595	37.44	152	9094	---	---
10	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4565	37.44	153	9154	---	---
11	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4620	37.44	144	8615	---	---
12	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4625	37.44	139	8316	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL
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7792
 Dr. M. Yousaf

To: IZHAR ENGINEERING (Pvt) Limited
 0

Project: PARCO PEARL GAS Limited

Our Ref. No. CL/CED/ 5894

Dated: 12-09-24

Test Specification

Your Ref. No. ISPL-112-LET-00039

Dated: 05-07-24

(----)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4555	36.39	166	10218	---	---
2	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4610	36.39	178	10957	---	---
3	Uni-Block, Grey, 60mm	---	---	---	2.3 thick	---	3380	36.39	169	10403	---	---
4	Uni-Block, Grey, 60mm	---	---	---	2.3 thick	---	3410	36.39	164	10095	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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