



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.

6851

Dr. M. Mazhar

To: Engr. Hamza
Site Engineer, Architects InDesign, Gulberg-III, Lahore

Project: Commercial Building Plan- Total No. of Floors 14 (Height of the Building =+170) Plot No. 07, Block Q, Gulberg-II, Lahore (Retaining Wall RCC lining B1 6q side 3000 Psi)

Our Ref. No. CL/CED/ 4434

Dated: 13/3/2024

Test Specification

Your Ref. No. Nil

Dated: 04-03-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12/3/2024 Tested on: 13/3/2024 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	5	1	2024	6Diax12	---	13.4	28.28	79	6257	---	Non Engraved
2	3000 Psi	5	1	2024	6Diax12	---	13.6	28.28	85	6733	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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" 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
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ORIGINAL

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

6851

Dr. M. Mazhar

To: Engr. Hamza
Site Engineer, Architects InDesign, Gulberg-III, Lahore

Project: Commercial Building Plan- Total No. of Floors 14 (Height of the Building =+170) Plot No. 07, Block Q, Gulberg-II, Lahore (Slab of B1 6q side 4000 Psi)

Our Ref. No. CL/CED/ 4435

Dated: 13/3/2024

Test Specification

Your Ref. No. Nil

Dated: 04-03-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12/3/2024 Tested on: 13/3/2024 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	3	2	2024	6Diax12	---	14	28.28	85	6733	---	Non Engraved
2	4000 Psi	3	2	2024	6Diax12	---	14.4	28.28	72	5703	---	Non Engraved
3	4000 Psi	3	2	2024	6Diax12	---	13	28.28	70	5545	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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" 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



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Civil Engineering Department

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ORIGINAL

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6835

Dr. M. Mazhar

To: Mr. Muhammad Atif Khalil
Project Manager (BMC)- BANU MUKHTAR Contracting (Pvt) Ltd.

Project: Burj-1 by AJWA Builders (Main Building 1st Floor Zone-01). (6000 Psi)

Our Ref. No. CL/CED/ 4436

Dated: 13/3/2024

Test Specification

Your Ref. No. DOC-BMC/AJWA/153

Dated: 08-03-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 8/3/2024 Tested on: 13/3/2024 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	Col. # 04 Grids # C/3, D/3, F/3, G/3	8	2	2024	6Diax12	---	14	28.28	85	6733	---	Non Engraved
2	Col. # 04 Grids # C/3, D/3, F/3, G/3	8	2	2024	6Diax12	---	14	28.28	83	6574	---	Non Engraved
3	Col. # 04 Grids # C/3, D/3, F/3, G/3	8	2	2024	6Diax12	---	13.8	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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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- **** 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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Director/Dy. Director Concrete Laboratory



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6842

Dr. M. Mazhar

To: Mr. M. Usman Rauf
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Limited
Project: MCL Projects - Rehabilitation of Street at Katchi Abadi F.C.C. Saint Marry Khan Colony UC-203
Gulberg Zone Lahore
Our Ref. No. CL/CED/ 4437
Your Ref. No. 4084/103/MUR/104/1796

Dated: 13/3/2024

Test Specification

Dated: 05-03-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 11/3/2024 Tested on: 13/3/2024 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	---	5	2	2024	6x6x6	---	8	36	66	4107	---	Non Engraved
2	---	5	2	2024	6x6x6	---	8.6	36	76	4729	---	Non Engraved
3	---	5	2	2024	6x6x6	---	8	36	56	3484	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
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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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- **** 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.

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6812
 Dr. M. Mazhar

To: Assistant Resident Engineer
JERS Consultancy (Pvt) Ltd.

Project: Construction of General Bus Stand (GBS) in MC Kamalia City

Our Ref. No. CL/CED/ 4438

Dated: 13/3/2024

Test Specification

Your Ref. No. 488-J01-ARE/KML/GBS/05

Dated: 20/1/2024

(BS 3921)**

COMPRESSION TEST REPORT



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

Specimens received on: 04-03-24 Tested on: 13/3/2024 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	H	---	---	---	8.8 x 4.3 x 2.9	3495	3135	37.84	44	2605	11.48	---
2	H	---	---	---	8.7 x 4.3 x 3	3650	3300	37.41	48	2874	10.61	---
3	H	---	---	---	8.8 x 4.2 x 2.9	3520	3175	36.96	44	2667	10.87	---
4	H	---	---	---	8.8 x 4.3 x 3	3560	3190	37.84	44	2605	11.6	---
5	H	---	---	---	8.8 x 4.3 x 2.8	3475	3170	37.84	42	2486	9.62	---
6	H	---	---	---	8.7 x 4.2 x 3	3510	3220	36.54	42	2575	9.01	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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ORIGINAL
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6781
 Dr. M. Mazhar

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

Project: MCL Projects - Rehabilitation of Margazar Colony Peco Road Lahore

Our Ref. No. CL/CED/ 4439

Dated: 13/3/2024

Test Specification

Your Ref. No. 4084/103/MUR/104/1224

Dated: 03-02-24

(BS 3921)**

COMPRESSION TEST REPORT



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

Specimens received on: 27-02-24 Tested on: 13/3/2024 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	A9	---	---	---	8.9 x 4.4 x 3	3710	3275	39.16	40	2288	13.28	---
2	A9	---	---	---	8.9 x 4.4 x 3	3695	3220	39.16	48	2746	14.75	---
3	A9	---	---	---	8.9 x 4.3 x 3	3740	3300	38.27	46	2692	13.33	---
4	A9	---	---	---	8.9 x 4.4 x 2.9	3710	3265	39.16	42	2402	13.63	---
5	A9	---	---	---	8.9 x 4.4 x 3	3860	3115	39.16	42	2402	23.92	---
6	A9	---	---	---	9 x 4.4 x 3	3670	3265	39.6	50	2828	12.4	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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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ORIGINAL
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6817
Dr. M. Mazhar

To: M/S KANWAR ASSOCIATES
Johar Town, Lahore.

Project: Construction of Warehouse at Narowal. (Client: Naubahar Bottling Company (PEPSI))

Our Ref. No. CL/CED/ 4440

Dated: 13/3/2024

Test Specification

Your Ref. No. K.A/0503/665

Dated: 05-03-24

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 05-03-24 Tested on: 13/3/2024 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	5*5	---	---	---	8.7 x 4.1 x 2.9	---	3010	35.67	24	1507	---	---
2	5*5	---	---	---	8.7 x 4 x 2.9	---	2765	34.8	44	2832	---	---
3	5*5	---	---	---	8.4 x 4 x 2.8	---	2810	33.6	26	1733	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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6785
 Dr. M. Mazhar

To: Mr. IMRAN IFTIKHAR
 Assistant Executive Engineer-I, Central Civil Division No. 1, Pak PWD, Lahore

Project: Up-gradation of Infrastruc. (Solarization) of Academic Blocks, Boundary Wall and Strengthening of Security Measures of (NIM) Lhr. Sub-Head: Const. of Boundary Wall and Security Measures at (NIM) Lhr.

Our Ref. No. CL/CED/ 4441

Dated: 13/3/2024

Test Specification

Your Ref. No. AEE-I/CCD-I/LHR/01

Dated: 06-02-24

(BS 3921)**

COMPRESSION TEST REPORT



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

Specimens received on: 27/2/2024 Tested on: 13/3/2024 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	Talwar	---	---	---	8.8 x 4.2 x 2.9	3390	3115	36.96	54	3273	8.83	---
2	Talwar	---	---	---	8.8 x 4.2 x 2.9	3320	3080	36.96	48	2909	7.79	---
3	Talwar	---	---	---	8.7 x 4.2 x 2.9	3300	3230	36.54	48	2943	2.17	---
4	Talwar	---	---	---	8.8 x 4.3 x 3	3370	3210	37.84	40	2368	4.98	---
5	Talwar	---	---	---	8.7 x 4.2 x 2.9	3595	3260	36.54	58	3556	10.28	---
6	Talwar	---	---	---	8.8 x 4.3 x 2.9	3500	3155	37.84	40	2368	10.94	---
7	Talwar	---	---	---	8.8 x 4.2 x 2.9	3485	3175	36.96	48	2909	9.76	---
8	Talwar	---	---	---	8.8 x 4.3 x 2.9	3470	3115	37.84	40	2368	11.4	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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.

6852
Dr. M. Mazhar

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

Project: Remodelling of Jorray Pul Chowk, Zarrar Shaheed Road, Lahore. (Contractor: M/S WAY MAKERS)

Our Ref. No. CL/CED/ 4442

Dated: 13/3/2024

Test Specification

Your Ref. No. 4084/103/MHK/JPC/07

Dated: 16/2/2024

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 12-03-24 Tested on: 13/3/2024 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	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2740	29.64	75	5668	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2665	29.64	56	4232	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2685	29.64	113	8540	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2700	29.64	89	6726	---	---
5	Rectangular, Red, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2745	29.64	123	9296	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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
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6852
 Dr. M. Mazhar

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

Project: Remodelling of Jorray Pul Chowk, Zarrar Shaheed Road, Lahore. (Contractor: M/S WAY MAKERS)

Our Ref. No. CL/CED/ 4443

Dated: 13/3/2024

Test Specification

Your Ref. No. 4084/103/MHK/JPC/06

Dated: 16/2/2024

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 12-03-24 Tested on: 13/3/2024 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	Kerb Stone	---	---	---	6 x 6 x 6	---	7.6	36	66	4107	---	Cut Cube
2	Kerb Stone	---	---	---	6 x 6 x 6	---	7.6	36	77	4791	---	Cut Cube
3	Kerb Stone	---	---	---	6 x 6 x 6	---	7.2	36	44	2738	---	Cut Cube
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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.

6853
 Dr. M. Mazhar

To: JR Private Limited
 Cavalry Ground Ext. Lahore Cantt.

Project: Construction of Warehouse & Road Works at Jaranwala Road

Our Ref. No. CL/CED/ 4444

Dated: 13/3/2024

Test Specification

Your Ref. No. Nil

Dated: 11-03-24

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 12-03-24 Tested on: 13/3/2024 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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.2	---	3650	30.42	89	6554	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3740	30.42	141	10383	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2850	30.42	156	11487	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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

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

6853
Dr. M. Mazhar

To: JR Private Limited
Cavalry Ground Ext. Lahore Cantt.

Project: Construction of Warehouse & Road Works at Jaranwala Road.

Our Ref. No. CL/CED/ 4445

Dated: 13/3/2024

Test Specification

Your Ref. No. Nil

Dated: 11-03-24

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 12-03-24 Tested on: 13/3/2024 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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3550	30.42	79	5817	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.2	---	3795	30.42	64	4713	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.2	---	3515	30.42	85	6259	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3	---	3330	30.42	56	4124	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3470	30.42	64	4713	---	---
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3575	30.42	89	6554	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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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.

6861
 Dr. Rizwan Riaz

To: Mr. Amir Rabbani
 For INTERSAC CANADA

Project: Advanced Light Weight Concrete Solid Block

Our Ref. No. CL/CED/ 4446

Dated: 13/3/2024

Test Specification

Your Ref. No. PSI/04/240313

Dated: 13/3/2024

(----)

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	ALC Solid Block	28	2	2024	11.9 x 4 x 8	---	6	47.6	5.5	259	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports/1/>

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Director/Dy. Director Concrete Laboratory