



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.

5030
 Engr. Ubaid

To: Divisional Forest Officer
 Lahore Forest Division, Lahore.

Project: Establishment of Dargai Gill Forest Park.

Our Ref. No. CL/CED/ 1603

Dated: 30-03-23

Test Specification

Your Ref. No. 1145/AC

Dated: 18-03-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 29-03-23 **Tested on:** 30-03-23 **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 3.9 x 2.4	---	2825	30.42	136	10014	---	---	
2	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2835	30.42	110	8100	---	---	
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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

- 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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ORIGINAL
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5031
 Engr. Ubaid

To: Engr. Ahsan Zahoor
 Director, MAG Engineering, DHA, Lahore.

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

Our Ref. No. CL/CED/ 1604

Dated: 30-03-23

Test Specification

Your Ref. No. Nil

Dated: 29-03-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 29/03/2023 **Tested on:** 30-03-23 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	Basement Slab	24	2	2023	6x6x6	---	8.2	36	106	6596	---	Non Engraved
2	Basement Slab	24	2	2023	6x6x6	---	8.2	36	106	6596	---	Non Engraved
3	Basement Slab	24	2	2023	6x6x6	---	8.2	36	81	5040	---	Non Engraved
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

- 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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5026
 Engr. Ubaid

To: Mr. Ashiq Ali
 Lahore Cantt.

Project: Construction of Residence of Henna Haque 116H Model Town Lahore.

Our Ref. No. CL/CED/ 1605

Dated: 30-03-23

Test Specification

Your Ref. No. Gen-430/2

Dated: 27-03-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **29/3/2023** Tested on: **30-03-23** 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	---	27	2	2023	6x6x6	---	8.6	36	86	5351	---	Engraved
2	---	27	2	2023	6x6x6	---	8.6	36	60	3733	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

- * 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

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Director/Dy. Director Concrete Laboratory



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5021
 Engr. Ubaid

To: Mr. Amir Iqbal
 Project Manager, Furniture Inn., Multan

Project: Nil

Our Ref. No. CL/CED/ 1606

Dated: 30-03-23

Test Specification

Your Ref. No. Nil

Dated: Nil

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 28-03-23 **Tested on:** 30-03-23 **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 Blocks	---	---	---	12 x 3.9 x 8	---	12	46.8	4	191	---	---	
2	Solid Blocks	---	---	---	12 x 3.9 x 8	---	12.4	46.8	7	335	---	---	
3	Solid Blocks	---	---	---	12 x 8 x 8	---	27	96	25	583	---	---	
4	Solid Blocks	---	---	---	12 x 8 x 8	---	25	96	16	373	---	---	
5	Solid Blocks	---	---	---	11.9 x 5.9 x 8	---	20.2	70.21	33	1053	---	---	
6	Solid Blocks	---	---	---	12 x 5.9 x 8	---	19	70.8	23	728	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
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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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Director/Dy. Director Concrete Laboratory



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4998
 Engr. Ubaid

To: Mr. Khalid Bashir
 Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of McDonald Restaurant-Askari 11, Lahore.

Our Ref. No. CL/CED/ 1607

Dated: 30-03-23

Test Specification

Your Ref. No. IBS/MC/BT-01

Dated: 22-03-23

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COMPRESSION TEST REPORT



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

Specimens received on: **22-03-23** Tested on: **30-03-23** 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 Blocks	---	---	---	11.9 x 5.9 x 7.9	---	20.4	70.21	32	1021	---	---	
2	Solid Blocks	---	---	---	11.9 x 5.9 x 8	---	20.6	70.21	41	1308	---	---	
3	---	---	---	---	---	---	---	---	---	---	---	---	
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Witnessed by:

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

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Director/Dy. Director Concrete Laboratory



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4998
 Engr. Ubaid

To: Mr. Khalid Bashir
 Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of McDonald Restaurant-Askari 11, Lahore.

Our Ref. No. CL/CED/ 1608

Dated: 30-03-23

Test Specification

Your Ref. No. IBS/MC/BT-02

Dated: 22-03-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **22-03-23** Tested on: **30-03-23** 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 Blocks	---	---	---	11.9 x 8 x 8	---	29	95.2	41	965	---	---	
2	Solid Blocks	---	---	---	11.9 x 7.8 x 8	---	28.6	92.82	63	1520	---	---	
3	---	---	---	---	---	---	---	---	---	---	---	---	
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ORIGINAL
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5029
 Engr. Ubaid

To: Mr. Mudasir Waseem, Construction Manager
 For Guarantee Engineers Pvt. Ltd.

Project: Construction of Ali Murtaza Associates (Pvt.) Ltd. Unit-3, Lahore.

Our Ref. No. CL/CED/ 1609

Dated: 30-03-23

Test Specification

Your Ref. No. AMA/GE/PA/001

Dated: 27-03-23

(---)

COMPRESSION TEST REPORT



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

Specimens received on: **29-03-23** Tested on: **30-03-23** 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 2.3	---	2750	29.64	87	6575	---	---	
2	Rectangular Grey 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2850	29.64	81	6121	---	---	
3	---	---	---	---	---	---	---	---	---	---	---	---	
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