



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.

2191
 Dr.Burhan Sharif

To: Assistant Director (Technical)
 Anti-Corruption Establishment, Multan Region, Multan
 Project: Enquiry No. 105/21 ACE Multan, "Provision of Drainage/Sewerage, Soling & Water Supply Scheme in Municipal Areas of Burewala City"
 Our Ref. No. CL/CED/ 6442 Dated: 23-11-21
 Your Ref. No. ACE.MR-(Enq-10)/21/7847 Dated: 02-11-21

Test Specification
 (---)



ONLINE REPORT

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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	M*A	---	---	---	8.3 x 4 x 2.6	---	2290	33.2	39	2631	---	Used Brick
2	M*A	---	---	---	8.3 x 3.9 x 2.5	---	2200	32.37	47	3252	---	Used Brick
3	M*A	---	---	---	8.2 x 4.1 x 2.6	---	2250	33.62	47	3131	---	Used Brick
4	M*A	---	---	---	8.3 x 4 x 2.7	---	2215	33.2	43	2901	---	Used Brick
5	M*A	---	---	---	8.4 x 4 x 2.6	---	2260	33.6	45	3000	---	Used Brick
6	---	---	---	---	---	---	---	---	---	---	---	---
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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"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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ORIGINAL
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2289
 Dr. Burhan Sharif

To: Engr. Khalid Qadeer Mian (Chief Executive)
 Eastern Construction Co., Lahore

Project: Construction of Vegetable Oil Tank For Fauji Fresh N Freeze Limited at Sahiwal

Our Ref. No. CL/CED/ 6443

Dated: 23-11-21

Test Specification

Your Ref. No. ECC/UET/FFFL-SWL-VOT/2021/38

Dated: 18-11-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE 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	Footing	4	11	2021	6x6x6	---	9	36	102	6347	---	Non Engraved
2	Footing	4	11	2021	6x6x6	---	9	36	86	5351	---	Non Engraved
3	Footing	4	11	2021	6x6x6	---	9	36	104	6471	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2308
 Dr. Umbreen

To: M R Builders
 Suite #1, First Floor, Shadman Plaza Shadman Market, Lahore

Project: Column and Shear Wall at Ground Floor ABL Talwar Chowk Bahria Town Branch Lahore

Our Ref. No. CL/CED/ 6444

Dated: 23-11-21

Test Specification

Your Ref. No. Nil

Dated: 22-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 22-11-21 **Tested on:** 23-11-21 **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	6	11	2021	6Diax12	---	14	28.28	59	4673	---	Non Engraved
2	4000 Psi	6	11	2021	6Diax12	---	14.2	28.28	57	4515	---	Non Engraved
3	4000 Psi	6	11	2021	6Diax12	---	14.2	28.28	63	4990	---	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-reports/>

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2308
 Dr. Umbreen

To: M R Builders
 Suite #1, First Floor, Shadman Plaza Shadman Market, Lahore

Project: Basement Slab at ABL Talwar Chowk Bahria Town Branch Lahore

Our Ref. No. CL/CED/ 6445

Dated: 23-11-21

Test Specification

Your Ref. No. Nil

Dated: 22-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 22-11-21 **Tested on:** 23-11-21 **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	28	10	2021	6Diax12	---	14	28.28	53	4198	---	Non Engraved
2	3000 Psi	28	10	2021	6Diax12	---	13.6	28.28	49	3881	---	Non Engraved
3	3000 Psi	28	10	2021	6Diax12	---	13.2	28.28	45	3564	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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2304-2307
 Dr. Umbreen

To: Al-Hadi Textile (Pvt.) Ltd.
 Lahore

Project: Al-Hadi Textile (Pvt.) Ltd.

Our Ref. No. CL/CED/ 6446

Dated: 23-11-21

Test Specification

Your Ref. No. Nil

Dated: 22-11-21

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **22-11-21** Tested on: **23-11-21** 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	Rectangular Grey 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3720	29.64	86	6499	---	---
2	Rectangular Grey 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3605	29.64	90	6802	---	---
3	Rectangular Grey 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3400	29.64	59	4459	---	---
4	Rectangular Grey 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3625	29.64	47	3552	---	---
5	Rectangular Grey 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3620	29.64	83	6273	---	---
6	Rectangular Grey 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3545	29.64	61	4610	---	---
7	Rectangular Grey 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3535	29.64	69	5215	---	---
8	Rectangular Grey 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3590	29.64	88	6650	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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