



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.

7535
Dr. M.Yousaf

To: Mr. Syed Zafar Haider Zaidi
Resident Engineer, AZ Engineering Associates, Gujrat & Kharian Residency
Project: Construction of Road from Karianwala Tanda Road to Bhagowal Tanda Road I/C Rasulpur Link Road, Length=4.20 Kms District Gujrat. (M/s Real Construction Company)
Our Ref. No. CL/CED/ 5463 Dated: 05-08-24
Your Ref. No. RE AZEA/GT-1068 Dated: 22-07-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 01-08-24 Tested on: 05-08-24 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	(1:1.5:3)	9	7	2024	6x6x6	---	8.6	36	103	6409	---	Non Engraved
2	(1:1.5:3)	9	7	2024	6x6x6	---	8.6	36	97	6036	---	Non Engraved
3	(1:1.5:3)	9	7	2024	6x6x6	---	8.6	36	126	7840	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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



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 Dr. M.Yousaf

To: Mr. Syed Zafar Haider Zaidi
 Resident Engineer, AZ Engineering Associates, Gujrat & Kharian Residency.

Project: Rehabilitation of Road from Jalalpur Jattan Shahbazpur Road to Head Marala Road Via Chopala I/C
 Bridge Length=17.20 Kms in District Gujrat. (M/s Highways Construction Co.)

Our Ref. No. CL/CED/ 5464

Dated: 05-08-24

Test Specification

Your Ref. No. RE AZEA/GT-1066

Dated: 22-07-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 01-08-24 Tested on: 05-08-24 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	(1:2:4)	7	7	2024	6x6x6	---	8.6	36	51	3173	---	Non Engraved
2	(1:2:4)	7	7	2024	6x6x6	---	8.6	36	45	2800	---	Non Engraved
3	(1:2:4)	7	7	2024	6x6x6	---	8.8	36	52	3236	---	Non Engraved
4	(1:1.5:3)	8	7	2024	6x6x6	---	8.6	36	96	5973	---	Non Engraved
5	(1:1.5:3)	8	7	2024	6x6x6	---	8.6	36	95	5911	---	Non Engraved
6	(1:1.5:3)	8	7	2024	6x6x6	---	8.8	36	101	6284	---	Non Engraved
7	(1:1:2)	10	7	2024	6x6x6	---	8.6	36	105	6533	---	Non Engraved
8	(1:1:2)	10	7	2024	6x6x6	---	8.6	36	110	6844	---	Non Engraved
9	(1:1:2)	10	7	2024	6x6x6	---	8.6	36	123	7653	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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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
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ORIGINAL
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7539
Dr. M. Yousaf

To: **S & S Associates Engineers & Builders**
Plot # 67, Trade Center Block, Ayoub Chowk, Johar Town, Lahore.
Project: Construction of Heifer Shed 11 & 12 at Bin Riaz Farm, Pattoki. (Column, Shed # 12 Grid 3~5, Line B~C)
Our Ref. No. CL/CED/ 5465 Dated: 05-08-24
Your Ref. No. BRD (HS24)/027 Dated: 02-08-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 02-08-24 Tested on: 05-08-24 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	(1:1.5:3)	1	7	2024	6x6x6	---	8.6	36	103	6409	---	Non Engraved
2	(1:1.5:3)	1	7	2024	6x6x6	---	8.8	36	113	7031	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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

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Director/Dy. Director Concrete Laboratory



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7539
 Dr. M. Yousaf

To: S & S Associates Engineers & Builders
 Plot # 67, Trade Center Block, Ayoub Chowk, Johar Town, Lahore.

Project: Construction of Heifer Shed 11 & 12 at Bin Riaz Farm, Pattoki. (Footing, Shed #12, Grid 2~9, Line D)

Our Ref. No. CL/CED/ 5466

Dated: 05-08-24

Test Specification

Your Ref. No. BRD (HS24)/028

Dated: 22-07-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 02-08-24 Tested on: 05-08-24 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	(1:2:4)	1	7	2024	6x6x6	---	8.6	36	74	4604	---	Non Engraved
2	(1:2:4)	1	7	2024	6x6x6	---	9	36	63	3920	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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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7522
 Dr. M. Yousaf

To: Project Manager
 Q-Links Property Management Pvt. Ltd.

Project: Construction of Jasmine Grand Mall + Gold Soac, Bahria Town, Lahore.

Our Ref. No. CL/CED/ 5467

Dated: 05-08-24

Test Specification

Your Ref. No. QLC-BO-BH2-2022-02-LTR-05-2024

Dated: 29-07-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30-07-24 Tested on: 05-08-24 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	Slab Over 6th F. Grid (3000 Psi)	11	6	2024	6Diax12	---	14	28.28	28	2218	---	Non Engraved
2	Slab Over 6th F. Grid (3000 Psi)	11	6	2024	6Diax12	---	13.8	28.28	50	3960	---	Non Engraved
3	UGMT (4000 Psi)	13	7	2024	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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ORIGINAL
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7522
 Dr. M. Yousaf

To: Project Manager
 Q-Links Property Management Pvt. Ltd.

Project: Black and Grey Paver used at Orchard Mall, Bahria Orchard, Lahore.

Our Ref. No. CL/CED/ 5468

Dated: 05-08-24

Test Specification

Your Ref. No. Qlink-LTR-04

Dated: 29-07-24

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COMPRESSION TEST REPORT



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

Specimens received on: 30-07-24 Tested on: 05-08-24 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	Rectangular, Black, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2950	29.64	99	7482	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2750	29.64	124	9371	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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