



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.

3562
 Dr. Yousaf

To: Syed Khalid Gillani
 Team Leader G3 Engineering Consultant (Pvt) Ltd

Project: Provision of Sewerage/Drainage and Streets/Tuff Tiles etc at Shadiwal Road District Gujrat GS No. 1242.

Our Ref. No. CL/CED/ 9346-3 of 3

Dated: 29/7/2022

Test Specification

Your Ref. No. G3/0265/TL-8i

Dated: 7/7/202

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 14/7/2022 Tested on: 29/7/2022 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	AZ	---	---	---	8.4 x 3.9 x 2.8	3255	3070	32.76	43	2940	6.03	---
2	AZ	---	---	---	8.7 x 4.1 x 2.9	3335	3120	35.67	44	2763	6.89	---
3	AZ	---	---	---	8.9 x 4.3 x 2.9	3620	3320	38.27	39	2283	9.04	---
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)
- 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
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3562
 Dr. Yousaf

To: Syed Khalid Gillani
 Team Leader G3 Engineering Consultant (Pvt) Ltd

Project: Provision of Sewerage / Drainage and Streets / Tuff Tiles etc at Spall Town, District Gujrat GS No. 1242.

Our Ref. No. CL/CED/ 9347-3 of 3

Dated: 29/7/2022

Test Specification

Your Ref. No. G3/0265/TL-8ii

Dated: 7/7/202

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 14/7/2022 Tested on: 29/7/2022 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	AZ	---	---	---	8.6 x 4.2 x 2.8	3330	3100	36.12	32	1984	7.42	---
2	AZ	---	---	---	8.6 x 4 x 2.8	3260	3150	34.4	45	2930	3.49	---
3	AZ	---	---	---	8.7 x 4.3 x 2.9	3475	3190	37.41	47	2814	8.93	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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"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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3265
 Dr. Yousaf

To: Syed Khalid Gillani
 Team Leader G3 Engineering Consultant (Pvt) Ltd
 Project: Provision of Sewerage/Drainage and Streets/Tuff Tiles etc at Ghulam Qadir Road District Gujrat GS No. 1242.
 Our Ref. No. CL/CED/ 9348-3 of 3 Dated: 29/7/2022
 Your Ref. No. G3/0265/TL-8iii Dated: 7/7/2022

Test Specification
 (---)

COMPRESSION TEST REPORT



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

Specimens received on: 14/7/2022 Tested on: 29/7/2022 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	AZ	---	---	---	8.6 x 4.1 x 2.8	3415	3040	35.26	45	2859	12.34	---	
2	AZ	---	---	---	8.4 x 4 x 2.8	3295	3025	33.6	44	2933	8.93	---	
3	AZ	---	---	---	8.5 x 4.1 x 2.8	3205	3020	34.85	36	2314	6.13	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
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Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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3562
 Dr. Yousaf

To: Syed Khalid Gillani
 Team Leader G3 Engineering Consultant (Pvt) Ltd

Project: Provision of Sewerage/Drainage and Streets/Tuff Tiles etc at Bara Dari Road Radhanpur District
 Gujrat GS No. 1242

Our Ref. No. CL/CED/ 9349-3 of 3

Dated: 29/7/2022

Test Specification

Your Ref. No. G3/0265/TL-8vii

Dated: 7/7/202

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 14/7/2022 **Tested on:** 29/7/2022 **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	AZ	---	---	---	8.7 x 4.1 x 2.7	3340	3070	35.67	40	2512	8.79	---	
2	AZ	---	---	---	8.7 x 4.1 x 2.8	3295	3090	35.67	40	2512	6.63	---	
3	AZ	---	---	---	8.7 x 4 x 2.8	3360	3115	34.8	42	2703	7.87	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
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Witnessed by:

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3586
 Dr. Yousaf

To: **Muhammad Omer Muslim**
 Mohallah Fateh Town, Okara.

Project: Construction of House in DHA Phase-08, Sector-A, Lahore.

Our Ref. No. CL/CED/ 9447

Dated: 29/07/2022

Test Specification

Your Ref. No. Nil

Dated: Nil

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **20/07/2022** Tested on: **29/07/2022** 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	---	---	---	9 x 4.4 x 3	3870	3420	39.6	37	2093	13.16	---
2	27	---	---	---	9 x 4.4 x 3	3730	3300	39.6	45	2545	13.03	---
3	27	---	---	---	8.9 x 4.4 x 2.9	3530	3245	39.16	39	2231	8.78	---
4	27	---	---	---	8.9 x 4.4 x 3	3675	3315	39.16	26	1487	10.86	---
5	27	---	---	---	9 x 4.4 x 2.9	3730	3440	39.6	37	2093	8.43	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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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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
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3627
 Dr. Yousaf

To: Ms. Sadia Naushad
 Vice Principal MAKTAB

Project: Nil

Our Ref. No. CL/CED/ 9447A

Dated: 29/7/2022

Test Specification

Your Ref. No. Nil

Dated: 30/6/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 27/07/2022 Tested on: 29/7/2022 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	---	3	7	2022	6x6x6	---	8	36	55	3422	---	Engraved
2	---	3	7	2022	6x6x6	---	8	36	53	3298	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
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ORIGINAL
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3638
 Dr. Yousaf

To: Mr. Ameen Firdous, Civil Engineer & Technologists
 Prime Builders, Gulberg III, Lahore.

Project: B 45 Gulberg III, Lahore.

Our Ref. No. CL/CED/ 9448

Dated: 29/07/2022

Test Specification

Your Ref. No. Nil

Dated: 28/07/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 28/07/2022 **Tested on:** 29/07/2022 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)	2	7	2022	6Diax12	---	13.4	28.28	40	3168	---	Non Engraved
2	(4000 Psi)	2	7	2022	6Diax12	---	13	28.28	36	2851	---	Non Engraved
3	(4000 Psi)	2	7	2022	6Diax12	---	13.6	28.28	37	2931	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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3628
 Dr. Yousaf

To: Husnain Kareemain (HK)
 Residential and Commercial Builders

Project: Construction of Beacon House School Sargodha Campus

Our Ref. No. CL/CED/ 9448A

Dated: 29/7/2022

Test Specification

Your Ref. No. Nil

Dated: 27/7/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 27/07/2022 Tested on: 29/7/2022 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	23	6	2022	6x6x6	---	8.6	36	62	3858	---	Non Engraved
2	Footing	23	6	2022	6x6x6	---	8.4	36	68	4231	---	Non Engraved
3	Column	30	6	2022	6x6x6	---	9	36	114	7093	---	Non Engraved
4	Column	30	6	2022	6x6x6	---	8.4	36	124	7716	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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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"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.

3583
 Dr. Yousaf

To: Junaid Ali Khan, Chief Executive
 M/s Alive-Civil Works Contractor, 118-H Model Town, Lahore.

Project: Construction of 118 H Block Model Town Lahore.

Our Ref. No. CL/CED/ 9449

Dated: 29/7/2022

Test Specification

Your Ref. No. 118/PSI-3K/UET

Dated: 05/07/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **20/07/2022** Tested on: **29/7/2022** 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	Roof Slab (3000 Psi)	5	7	2022	6Diax12	---	14	28.28	51	4040	---	Non Engraved
2	Roof Slab (3000 Psi)	5	7	2022	6Diax12	---	14.4	28.28	53	4198	---	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-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"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
 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.

3559
 Dr. Yousaf

To: Syed Zahid Hussain, Resident Engineer
 AZ Engineering Associates Kharian Residency

Project: Rehabilitation of Kharian Dinga M.B. Din Road Dual Carriageway upto Amra Kalan District
 Boundary Gujrat Length= 29 Km Tehsil Kharian District Gujrat (Part-A km. No. 0.00 to 14.00)
 Our Ref. No. CL/CED/ 9450A Dated: 29/7/2022

Test Specification

Your Ref. No. RE AZEA/GT-432

Dated: 04/06/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **07/07/2022** Tested on: **29/7/2022** 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	Machine Made Double Line	---	---	---	9 x 4.2 x 2.8	3415	2875	37.8	38	2252	18.78	---
2	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	3325	2735	36.54	51	3126	21.57	---
3	Machine Made Double Line	---	---	---	8.9 x 4.2 x 2.9	3360	2775	37.38	37	2217	21.08	---
4	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	3255	2790	36.54	43	2636	16.67	---
5	Machine Made Double Line	---	---	---	8.9 x 4.2 x 2.8	3365	2835	37.38	40	2397	18.69	---
6	Machine Made Double Line	---	---	---	9 x 4.2 x 2.8	3540	3020	37.8	40	2370	17.22	---
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

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.

3558
 Dr. Yousaf

To: Umair Maqsood, Sub Divisional Officer
 Buildings Sub Division, Assembly, Lahore

Project: Strengthening of Emergency in all Districts of Punjab.

Our Ref. No. CL/CED/ 9451A

Dated: 29/7/2022

Test Specification

Your Ref. No. No. 484

Dated: 06/07/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 07/07/2022 **Tested on:** 29/7/2022 **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	333	---	---	---	8.8 x 4.4 x 2.9	3605	3225	38.72	46	2661	11.78	---
2	333	---	---	---	8.7 x 4.3 x 2.9	3670	3200	37.41	36	2156	14.69	---
3	333	---	---	---	8.9 x 4.4 x 2.9	3730	3335	39.16	36	2059	11.84	---
4	333	---	---	---	8.8 x 4.4 x 2.9	3660	3250	38.72	35	2025	12.62	---
5	333	---	---	---	8.8 x 4.3 x 2.9	3565	3350	37.84	36	2131	6.42	---
6	333	---	---	---	8.8 x 4.4 x 2.9	3685	3299	38.72	42	2430	11.7	---
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"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.

3547
 Dr. Yousaf

To: Muhammad Asif Bajwa
 Assistant Resident Engineer, NESPAK H&TE Division.

Project: Dualization of Road from Gujranwala to M-2 Interchange at Kot Sarwar via Hafizabad Km 6.20 to Km 80.35 Length 74.15 Km in District Gujranwala & Hafizabad (Section Km 55.40~79.35, L=23.95 Km)

Our Ref. No. CL/CED/ 9452A

Dated: 29/7/2022

Test Specification

Your Ref. No. SA-466F/103/GH/ML/Lab/33

Dated: 04/07/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 05/07/2022 **Tested on:** 29/7/2022 **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	Machine Made Double Line	---	---	---	8.7 x 4.3 x 2.7	3100	2645	37.41	47	2814	17.2	---
2	Machine Made Double Line	---	---	---	8.7 x 4.3 x 2.7	3110	2630	37.41	39	2335	18.25	---
3	Machine Made Double Line	---	---	---	8.6 x 4.3 x 2.8	3075	2625	36.98	43	2605	17.14	---
4	Machine Made Double Line	---	---	---	8.6 x 4.2 x 2.7	3015	2580	36.12	41	2543	16.86	---
5	Machine Made Double Line	---	---	---	8.8 x 4.3 x 2.7	3105	2625	37.84	49	2901	18.29	---
6	Machine Made Double Line	---	---	---	8.7 x 4.3 x 2.8	3160	2670	37.41	46	2754	18.35	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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- ** 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



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.

3494
 Dr. Yousaf

To: Sub Divisional Officer
 Buildings Sub Division No. 9, Lahore

Project: Master Planning of Qurban Lines, Lahore (Phase-1). Construction of BS (18-19) Apartments at Qurban Lines, Lahore.

Our Ref. No. CL/CED/ 9453A

Dated: 29/7/2022

Test Specification

Your Ref. No. 1050/9th

Dated: 21/6/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 27/6/2022 **Tested on:** 29/7/2022 **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	RA	---	---	---	8.8 x 4.4 x 3	3750	3275	38.72	41	2372	14.5	---	
2	RA	---	---	---	8.9 x 4.4 x 3	3810	3345	39.16	41	2345	13.9	---	
3	RA	---	---	---	8.9 x 4.4 x 3	3705	3260	39.16	40	2288	13.65	---	
4	RA	---	---	---	8.9 x 4.4 x 2.9	3755	3285	39.16	40	2288	14.31	---	
5	RA	---	---	---	8.9 x 4.3 x 3	3760	3315	38.27	39	2283	13.42	---	
6	RA	---	---	---	9 x 4.4 x 3	3800	3275	39.6	39	2206	16.03	---	
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
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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