



**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.

1956  
 Dr. Burhan Sharif

To: Mr. Nadeem Haider Rao  
 House No.187-P Model Town Extension Lahore.

Project: Construction of Sattar City Residencia

Our Ref. No. CL/CED/ 5006

Dated: 27-09-21

Test Specification

Your Ref. No. Nil

Dated: 22-09-21

( --- )

## COMPRESSION TEST REPORT



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

Specimens received on: 23-09-21 Tested on: 27-09-21 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	Uni-Block Grey	---	---	---	---	3470	---	---	---	---	---	---
2	Uni-Block Grey	---	---	---	---	3408	---	---	---	---	---	---
3	Uni-Block Red	---	---	---	---	3375	---	---	---	---	---	---
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" 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.

1957  
 Dr.Burhan Sharif

**To:** Mr.Umair Maqsood (Sub Divisional Officer)  
 Building Sub Division, Assembly, Lahore.

**Project:** Construction of Dilphin Squad City Divisiob Office Near Saggian Bridge Lahore (Group-2)

**Our Ref. No.** CL/CED/ 5007

**Dated:** 27-09-21

**Test Specification**

**Your Ref. No.** No.684

**Dated:** 09-09-21

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## COMPRESSION TEST REPORT



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

**Specimens received on:** 23-09-21 **Tested on:** 27-09-21 **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	---	---	---	7.8x3.8x2.3	---	2640	29.64	148	11185	---	---
2	Rectangular Grey	---	---	---	7.8x3.8x2.3	---	2625	29.64	162	12243	---	---
3	Rectangular Grey	---	---	---	7.8x3.8x2.3	---	2675	29.64	154	11638	---	---
4	Red Rectangular	---	---	---	7.8x3.8x2.3	---	2840	29.64	124	9371	---	---
5	Red Rectangular	---	---	---	7.8x3.8x2.3	---	2890	29.64	116	8767	---	---
6	Red Rectangular	---	---	---	7.8x3.8x2.3	---	2790	29.64	128	9673	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 1.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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1943  
 Dr.Burhan Sharif

**To:** Mr. Qaiser Abbas (Project Director)  
 M/s Infrastructure Development Authority (IDAP), Punjab

**Project:** Construction of Suites for Honourable Judges at GOR-1, Lahore.

**Our Ref. No.** CL/CED/ 5008

**Dated:** 27-09-21

**Test Specification**

**Your Ref. No.** PD/IDAP/GOR-1/2021/SO/02

**Dated:** 09-09-21

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## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 21-09-21 **Tested on:** 27-09-21 **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	RA	---	---	---	8.9x4.3x2.9	4008	3650	38.27	43	2517	9.81	---
2	RA	---	---	---	8.9x4.3x3.0	4019	3670	38.27	45	2634	9.51	---
3	RA	---	---	---	8.8x4.3x3.0	3960	3615	37.84	39	2309	9.54	---
4	RA	---	---	---	8.8x4.3x2.9	3921	3580	37.84	35	2072	9.53	---
5	RA	---	---	---	8.9x4.2x3.0	3934	3595	37.38	51	3056	9.43	---
6	RA	---	---	---	8.8x4.3x3.0	3956	3610	36.96	47	2848	9.58	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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1814  
 Dr.Burhan Sharif

To: Mr.Toqeer Afzal (XEN)  
 GE (Army) Const. LRC

Project: Construction of Const of CT Angio Complex at CMH Lahore Cantt -CA No. CEA-CZ-01/2021

Our Ref. No. CL/CED/ 5009

Dated: 27-09-21

Test Specification

Your Ref. No. No.754/68/E6

Dated: 04-07-21

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## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **30-08-21** Tested on: **27-09-21** 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	NB	---	---	---	8.8x4.3x2.9	---	3178	37.84	55	3256	---	---
2	NB	---	---	---	8.7x4.4x2.9	---	3148	38.27	41	2400	---	---
3	NB	---	---	---	8.8x4.3x3.0	---	3208	37.84	33	1953	---	---
4	777	---	---	---	8.9x4.3x3.0	---	3228	38.27	47	2751	---	---
5	777	---	---	---	8.9x4.4x2.9	---	3189	39.16	57	3260	---	---
6	777	---	---	---	8.8x4.3x3.0	---	3212	37.84	77	4558	---	---
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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1814  
 Dr.Burhan Sharif

To: Mr.Toqeer Afzal (XEN)  
 GE (Army) Const. LRC

Project: Construction of Const of CT Angio Complex at CMH Lahore Cantt -CA No. CEA-CZ-01/2021

Our Ref. No. CL/CED/ 5010

Dated: 27-09-21

Test Specification

Your Ref. No. No.754/72/E6

Dated: 09-08-21

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## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **30-08-21** Tested on: **27-09-21** 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	D-25	---	---	---	8.9x4.3x2.9	---	3278	38.27	39	2283	---	---
2	D-25	---	---	---	8.8x4.3x3.0	---	3192	37.84	49	2901	---	---
3	D-25	---	---	---	8.9x4.4x2.9	---	3241	39.16	39	2231	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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- \* 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

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

1821  
 Dr.Burhan Sharif

**To:** Mr.Umair Maqssod (Sub Divisional Officer)  
 Building Sub Division, Assembly, Lahore.

**Project:** Construction of MPA's Hostel (Phase-1) Lahore (Group No.02)

**Our Ref. No.** CL/CED/ 5011

**Dated:** 27-09-21

**Test Specification**

**Your Ref. No.** No.658

**Dated:** 27-08-21

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## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 31-08-21 **Tested on:** 27-09-21 **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	757	---	---	---	8.8x4.4x2.9	3814	3475	38.72	55	3182	9.76	---
2	757	---	---	---	8.8x4.4x2.9	3721	3380	38.72	45	2603	10.09	---
3	757	---	---	---	8.8x4.3x2.9	3759	3420	37.84	43	2545	9.91	---
1	757	---	---	---	8.9x4.3x2.9	3831	3495	38.27	55	3219	9.61	---
2	No-1	---	---	---	8.8x4.1x2.8	3623	3275	36.08	41	2545	10.63	---
3	No-1	---	---	---	8.7x4.2x2.9	3677	3335	36.54	59	3617	10.25	---
4	No-1	---	---	---	8.8x4.3x2.8	3679	3345	37.84	47	2782	9.99	---
8	No-1	---	---	---	8.8x4.3x2.8	3659	3330	37.84	47	2782	9.88	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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1922  
 Dr. Umbreen

To: Lt.Col Mr. Ubaid Ur Rehman, (Retd)  
 SPM (JV) PEC Bldg Proj

Project: Construction of PEC Regional Office, Lahore.

Our Ref. No. CL/CED/ 5012

Dated: 27-09-21

Test Specification

Your Ref. No. 901/NLC-TD(JV) PEC/302-A

Dated: 15-08-21

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 17-09-21 Tested on: 27-09-21 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	1205	14	7	2021	6Diax12	---	13.4	28.28	65	5149	---	Non Engraved
2	1207	14	7	2021	6Diax12	---	13.2	28.28	63	4990	---	Non Engraved
3	1210	14	7	2021	6Diax12	---	14	28.28	75	5941	---	Non Engraved
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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- \* 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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1922  
 Dr. Umbreen

To: Lt.Col Mr. Ubaid Ur Rehman, (Retd)  
 SPM (JV) PEC Bldg Proj

Project: Construction of PEC Regional Office, Lahore.

Our Ref. No. CL/CED/ 5013

Dated: 27-09-21

Test Specification

Your Ref. No. 901/NLC-TD(JV) PEC/303-A

Dated: 15-08-21

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 17-09-21 Tested on: 27-09-21 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	1214	16	7	2021	6Diax12	---	14	28.28	100	7921	---	Non Engraved
2	1217	16	7	2021	6Diax12	---	14	28.28	106	8396	---	Non Engraved
3	1220	16	7	2021	6Diax12	---	14	28.28	81	6416	---	Non Engraved
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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"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