



**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.

2241  
 Engr. Ubaid

**To:** Mr. Muhammd Saleem, GM  
 Professional Construction Services (Pvt) Ltd. Lahore.

**Project:** Construction of ABL PIA Employees Society Lahore.

**Our Ref. No.** CL/CED/ 6361

**Dated:** 12-11-21

**Test Specification**

**Your Ref. No.** PCS/21/Eng-131

**Dated:** 11-11-21

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11-11-21** Tested on: **12-11-21** 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	Ground Floor Column (1:1.5:3)	12	10	2021	6Diax12	---	13.4	28.28	30	2376	---	Non Engraved	
2	---	---	---	---	---	---	---	---	---	---	---	---	
3	---	---	---	---	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
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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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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 Professional Construction Services (Pvt) Ltd. Lahore.

Project: Construction of ABL PIA Employees Society Lahore.

Our Ref. No. CL/CED/ 6362

Dated: 12-11-21

Test Specification

Your Ref. No. PCS/21/Eng-131-A

Dated: 11-11-21

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-11-21 Tested on: 12-11-21 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	Ground Floor Column (1:1.5:3)	12	10	2021		6Diax12	---	14.2	28.28	36	2851	---	Non Engraved
2	---	---	---	---		---	---	---	---	---	---	---	---
3	---	---	---	---		---	---	---	---	---	---	---	---
4	---	---	---	---		---	---	---	---	---	---	---	---
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9	---	---	---	---		---	---	---	---	---	---	---	---
10	---	---	---	---		---	---	---	---	---	---	---	---
11	---	---	---	---		---	---	---	---	---	---	---	---
12	---	---	---	---		---	---	---	---	---	---	---	---
13	---	---	---	---		---	---	---	---	---	---	---	---
14	---	---	---	---		---	---	---	---	---	---	---	---
15	---	---	---	---		---	---	---	---	---	---	---	---
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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2242  
 Engr. Ubaid

**To:** Sub Divisional Officer  
 The Punjab Employees Social Security Institution (Head Office) 3-A Gulberg-V, Lahore.  
**Project:** Construction of Social Security Health Facility at Taunsa. (M/s Al-Tawakkal Construction Company).  
**Our Ref. No.** CL/CED/ 6363      **Dated:** 12-11-21  
**Your Ref. No.** SS.WW(206)21/288      **Dated:** 10-11-21

**Test Specification**  
 ( BS 1881-116 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: **11-11-21** Tested on: **12-11-21** 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	Boundary Wall Column (1:2:4)	21	10	2021	6x6x6	---	8.3	36	57	3547	---	Engraved
2	Boundary Wall Column (1:2:4)	21	10	2021	6x6x6	---	8.3	36	59	3671	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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 Engr. Ubaid

**To:** Sub Divisional Officer  
 The Punjab Employees Social Security Institution (Head Office) 3-A Gulberg-V, Lahore.  
**Project:** Construction of Social Security Health Facility at Taunsa. (M/s Al-Tawakkal Construction Company).  
 Our Ref. No. CL/CED/ 6364      Dated: 12-11-21  
 Your Ref. No. SS.WW(206)21/287      Dated: 10-11-21

**Test Specification**  
 ( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11-11-21** Tested on: **12-11-21** 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	Boundary Wall Foundation (1:2:4)	19	10	2021	6x6x6	---	8.2	36	62	3858	---	Engraved
2	Boundary Wall Foundation (1:2:4)	19	10	2021	6x6x6	---	8.2	36	67	4169	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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2237  
 Dr. M. Yousaf

**To:** Engr. Muhammad Hassnain, RE  
 For and on behalf of ACE (Arts), Lahore.

**Project:** Establishment of Daanish School at Taunsa, District DG Khan. (1:1.5:3)

**Our Ref. No.** CL/CED/ 6365

**Dated:** 12-11-21

**Test Specification**

**Your Ref. No.** ARTS/DTS/ZKHB/2021-397

**Dated:** 04-11-21

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 10-11-21 **Tested on:** 12-11-21 **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	Pkg-1, Unit 2,3 Mumtv Column	13	10	2021	6x6x6	---	8	36	97	6036	---	Non Engraved
2	Pkg-1, Unit 2,3 Mumtv Column	13	10	2021	6x6x6	---	8.4	36	98	6098	---	Non Engraved
3	Pkg-1, Unit 2,3 Mumtv Column	13	10	2021	6x6x6	---	8.2	36	114	7093	---	Non Engraved
4	Pkg-2, Unit 2 Mumtv Column	13	10	2021	6x6x6	---	8	36	73	4542	---	Non Engraved
5	Pkg-2, Unit 2 Mumtv Column	13	10	2021	6x6x6	---	8.2	36	118	7342	---	Non Engraved
6	Pkg-2, Unit 2 Mumtv Column	13	10	2021	6x6x6	---	8.4	36	96	5973	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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**To:** Engr. Muhammad Hassnain, RE  
 For and on behalf of ACE (Arts), Lahore.

**Project:** Establishment of Daanish School at Taunsa, District DG Khan. (1:2:4)

**Our Ref. No.** CL/CED/ 6366

**Dated:** 12-11-21

**Test Specification**

**Your Ref. No.** ARTS/DTS/ZKHB/2021-398

**Dated:** 04-11-21

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 10-11-21 **Tested on:** 12-11-21 **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	Pkg-3, Academic Block Mumtv Slab	13	10	2021	6x6x6	---	8.6	36	67	4169	---	Non Engraved
2	Pkg-3, Academic Block Mumtv Slab	13	10	2021	6x6x6	---	8.4	36	72	4480	---	Non Engraved
3	Pkg-3, Academic Block Mumtv Slab	13	10	2021	6x6x6	---	8.4	36	73	4542	---	Non Engraved
4	Pkg-4, Hostel Unit 1 OHW Tank	13	10	2021	6x6x6	---	8.4	36	94	5849	---	Non Engraved
5	Pkg-4, Hostel Unit 1 OHW Tank	13	10	2021	6x6x6	---	8.2	36	94	5849	---	Non Engraved
6	Pkg-4, Hostel Unit 1 OHW Tank	13	10	2021	6x6x6	---	8.2	36	68	4231	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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2239  
 Engr. Ubaid

**To:** Mr. Tahawar Owais, Manager Civil  
 Casa Grande Ventures (Private) Limited Fortress Stadium, Lahore.

**Project:** Construction of Apartment Building at 94-G Gulberg-III, Lahore.

**Our Ref. No.** CL/CED/ 6367

**Dated:** 12-11-21

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 11-11-21

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 11-11-21 **Tested on:** 12-11-21 **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	Pile # 161	6	10	2021	6Diax12	---	13.2	28.28	34	2693	---	Engraved
2	Pile # 175	6	10	2021	6Diax12	---	14	28.28	41	3248	---	Engraved
3	Pile # 186	6	10	2021	6Diax12	---	14	28.28	34	2693	---	Engraved
4	Pile # 194	9	10	2021	6Diax12	---	14	28.28	31	2455	---	Engraved
5	Pile # 197	9	10	2021	6Diax12	---	13.4	28.28	35	2772	---	Engraved
6	Pile # 200	9	10	2021	6Diax12	---	13	28.28	33	2614	---	Engraved
7	Pile # 203	9	10	2021	6Diax12	---	13.6	28.28	32	2535	---	Engraved
8	Pile # 207	10	10	2021	6Diax12	---	14	28.28	34	2693	---	Engraved
9	Pile # 210	10	10	2021	6Diax12	---	14	28.28	38	3010	---	Engraved
10	Pile # 214	10	10	2021	6Diax12	---	14	28.28	34	2693	---	Engraved
11	Pile # 217	10	10	2021	6Diax12	---	13	28.28	25	1980	---	Engraved
12	Pile # 209	11	10	2021	6Diax12	---	13.4	28.28	31	2455	---	Engraved
13	Pile # 211	11	10	2021	6Diax12	---	13.2	28.28	41	3248	---	Engraved
14	Pile # 213	11	10	2021	6Diax12	---	12.8	28.28	40	3168	---	Engraved
15	Pile # 216	11	10	2021	6Diax12	---	13.8	28.28	38	3010	---	Engraved
16	---	---	---	---	---	---	---	---	---	---	---	---

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