



# 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.

2118  
Dr. Aqsa

To: Sub Divisional Officer  
Buildings Sub Division, Kasur.

Project: 1. Const: ACR in Schools (ADP No.15/2021-22), Const: of 01-No. ACR at Govt. B.P.S Choor Pura (Ahmad Pura). 2. Const: of 02-Nos. ACR at Govt. B.P.S Newan Theh Tehsil & District Kasur.

Our Ref. No. CL/CED/ 6225

Dated: 27-10-21

Test Specification

Your Ref. No. 379

Dated: 30-09-21

( BS 3921\*\* )

### COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 18-10-21 Tested on: 27-10-21 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	S	---	---	---	8.6 x 4.3 x 2.9	---	3015	36.98	43	2605	---	---
2	S	---	---	---	8.7 x 4.2 x 2.9	---	3005	36.54	44	2697	---	---
3	S	---	---	---	8.6 x 4.2 x 2.8	---	3040	36.12	44	2729	---	---
4	S	---	---	---	8.8 x 4.2 x 2.9	---	3030	36.96	42	2545	---	---
5	S	---	---	---	8.8 x 4.2 x 2.8	---	2950	36.96	38	2303	---	---
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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2138  
 Dr. Aqsa

**To:** Mr. Muhammad Tufail.  
 Construction Team Leader Lahore Office. (Zor Engineers Pvt. Ltd).

**Project:** Presbyterian Education Board. (Christian Girls Hostel Sargodha).

**Our Ref. No.** CL/CED/ 6226

**Dated:** 27-10-21

**Test Specification**

**Your Ref. No.** 230.37.1/MT/1

**Dated:** 21-10-21

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 22-10-21    **Tested on:** 26-10-21    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	Cube-A (1:2:4)	27	8	2021	6x6x6	---	8.6	36	44	2738	---	Non Engraved
2	Cube-B (1:2:4)	27	8	2021	6x6x6	---	8.6	36	50	3111	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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2139  
 Dr. Aqsa

**To:** Mr. Muhammad Tufail.  
 Construction Team Leader, Lahore Office. (Zor Engineers Pvt. Ltd.)

**Project:** (Sample # 1 & 2). (Fly Ash)

**Our Ref. No.** CL/CED/ 6227

**Dated:** 27-10-21

**Test Specification**

**Your Ref. No.** 230.36.1/MT/5

**Dated:** 21-10-21

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 22-10-21    **Tested on:** 26-10-21    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	Cube-A (2/3,1/3:2:4)	22	9	21	6x6x6	---	8.6	36	53	3298	---	Engraved
2	Cube-B (2/3,1/3:2:4)	24	9	21	6x6x6	---	8.2	36	41	2551	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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2143  
Dr. Aqsa

To: Mr. Syed Tasawur Hussain Naqvi, AEE-III.  
 CCD, PAK.PWD. Gujranwala.

Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhpura, Phase-I, (SH: Admin Block)

Our Ref. No. CL/CED/ 6228

Dated: 27-10-21

Test Specification

Your Ref. No. AEE-III/CCD/GA/Work/NHMP/Admn/P-I/Lab/13

Dated: 02-04-21

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **25-10-21** Tested on: **26-10-21** 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	F.F Column	5	3	2021	6x6x6	---	9	36	71	4418	---	Non-Engraved
2	F.F Column	5	3	2021	6x6x6	---	9	36	94	5849	---	Non-Engraved
3	F.F Column	5	3	2021	6x6x6	---	9.2	36	116	7218	---	Non-Engraved
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2126  
Dr. Aqsa

To: Lt. Col (Ubaid Ur Rehman, Retd.)  
 SPM (JV) PEC Bldg Proj. NLC Engineers-Tijaarat Developers (JV).

Project: Construction of PEC Regional Office , Lahore.

Our Ref. No. CL/CED/ 6229

Dated: 27-10-21

Test Specification

Your Ref. No. 901/NLC-TD(JV)/PEC/370

Dated: 20-10-21

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 20-10-21    Tested on: 27-10-21    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	3rd Floor Lift Wall(1284)	21	9	2021	6Diax12	---	13.2	28.28	97	7683	---	Non Engraved
2	3rd Floor Lift Wall(1286)	21	9	2021	6Diax12	---	13	28.28	73	5782	---	Non Engraved
3	3rd Floor Lift Wall(1292)	21	9	2021	6Diax12	---	13.6	28.28	79	6257	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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