



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1396
Engr. Ubaid

To: **Sub Divisional Officer (Buildings)**
Sub Division Ferozwala

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore, (ADP No. 3272/2020-21)

Our Ref. No. CL/CED/ 4312 Dated: 12-07-21

Your Ref. No. 1110/F Dated: 14-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-06-21 Tested on: 07-07-2021 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	IB-1A		4.5x4.5x3.1	1699	20.25	41	4540	
2	IB-1B		4.5x4.5x3.1	1705	20.25	35	3880	
3	IB-2C		4.5x4.5x3.0	1689	20.25	27	2990	
4	IB-2D		4.4x4.5x3.0	1679	19.8	31	3510	
5	IB-3E		4.5x4.5x3.1	1699	20.25	29.5	3270	
6	IB-3F		4.5x4.5x3.1	1690	20.25	41	4540	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports&id=6

* 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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Department of Civil Engineering

University of Engineering and Technology, Lahore

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To: Sub Divisional Officer (Buildings)

Sub Division Ferozwala

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore, (ADP No. 3272/2020-21)

Group No.

Our Ref. No. CL/CED/

4313

Dated:

12-07-21

Your Ref. No.

1111/F

Dated:

14-06-21

COMPRESSION TEST REPORT

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

Specimens received on:

14-06-21

Tested on:

07-07-2021

in dry/wet condition

Sr. No.	Mark*	Casting Date* Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	FB-1A		4.5x4.4x3.0	1660	19.8	28	3170	
2	FB-1B		4.5x4.4x3.0	1668	19.8	33.5	3790	
3	FB-2C		4.5x4.5x3.1	1640	20.25	31	3430	
4	FB-2D		4.5x4.5x3.1	1658	20.25	44	4870	
5	FB-3E		4.5x4.5x3.0	1675	20.25	45	4980	
6	FB-3F		4.5x4.5x3.0	1670	20.25	31.5	3490	
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1401

Engr. Ubaid

To: Mr. Safdar Hussain (Resident Engineer)
ACE, Danish School Mankera Residency (M/s ZKHB)
Project: Establishment of Daanish School (Boys & Girls) at Mankera District Bhakkar(Package-1)

Our Ref. No. CL/CED/ 4314 Dated: 12-07-21

Your Ref. No. ACE/RE- PDS/MNK/BHK/21/418 Dated: 14-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-06-21 Tested on: 07-07-21 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	17-1A		4.3x4.2x2.7	945	18.06	14.5	1800	
2	17-1B		4.4x4.2x2.7	953	18.48	15	1820	
3	17-2C		4.3x4.2x2.8	864	18.06	25	3110	
4	17-2D		4.3x4.2x2.8	859	18.06	27	3350	
5	17-3E		4.3x4.3x2.7	890	18.49	14.5	1760	
6	17-3F		4.3x4.3x2.7	899	18.49	14	1700	
7	17		8.7x4.2x2.9	1921	36.54			
8	17		8.7x4.3x2.8	1884	37.41			
9	17		8.6x4.3x2.9	1792	36.98			
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1552
Dr. Mazar

To: Mr. Haider Irfan (Construction Manager)
M/s Speed Construction Management (Pvt.) Ltd.
Project: Construction of Kips College D-Ground Fiaslabad

Our Ref. No. CL/CED/ 4315 Dated: 12-07-21

Your Ref. No. RIS/SCM/KDFSD Dated: 07-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-07-21 Tested on: 12-07-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	RCC Slab (1:2:4)	29	6	2021	6Diax12	13	28.28	33	2620	Non Engraved
2	RCC Slab (1:2:4)	29	6	2021	6Diax12	13	28.28	35	2780	Non Engraved
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1555
Dr. Mazar

To: Lt. Col. Ubaid Ur Rehman (Retd)
M/s NLC Engineers - Tijaarat Developers (JV)
Project: Construction of PEC Regional Office, Lahore

Our Ref. No. CL/CED/ 4316 Dated: 12-07-21

Your Ref. No. 901/NLC-TD(JV) PEC/260 Dated: 08-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-07-21 Tested on: 12-07-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1		10	6	2021	6Diax12	13.2	28.28	69	5470	Non Engraved
2		10	6	2021	6Diax12	13.2	28.28	81	6420	Non Engraved
3		10	2	2021	6Diax12	13.2	28.28	71	5630	Non Engraved
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