



# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

1037

To: Mr. Z.H. Kazmi (Principal Architect)

Engr. Ubaid

Z. H. Kazmi & Associates, Lahore.

Project: Expansion Works (Construction of New Godowns/ Sheds & Pavements at Allied Bank Limited Warehouse Munirabad)

Our Ref. No. CL/CED/

2890

Dated:

26-04-21

Your Ref. No.

Nil

Dated:

08-04-21

## COMPRESSION TEST REPORT

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

Specimens received on:

09-04-21

Tested on:

22-04-21

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	HH		8.9x4.2x3.0	3142	37.38	40	2400	
2	HH		8.8x4.2x3.0	3078	36.96	41	2490	
3	HH		8.8x4.3x2.9	3068	37.84	43	2550	
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=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



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

1013

Engr. Ubaid

To: **Sub Divisional Officer, (Buildings)**

**Sub Division Ferozwala**

**Project: Construction of Judicial Academy at Lahore kala Shah Kaku, Lahore, (ADP No. 3271/2020-21)  
(Group No.2)**

Our Ref. No. CL/CED/

2891

Dated:

26-04-21

Your Ref. No.

No.986

Dated:

03-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 05-04-21 Tested on: 22-04-21 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	HB		8.9x4.4x3.0	3283	39.16	53	3040	
2	HB		8.8x4.3x2.9	3138	37.84	37	2190	
3	HB		8.9x4.4x3.0	3312	39.16	37	2120	
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

1013

Engr. Ubaid

To: **Sub Divisional Officer, (Buildings)**

**Sub Division Ferozwala**

**Project: Construction of Judicial Academy at Lahore kala Shah Kaku, lahore, (ADP No. 3271/2020-21)**

Our Ref. No. CL/CED/

2892

Dated:

26-04-21

Your Ref. No.

No.984

Dated:

03-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 05-04-21 Tested on: 22-04-21 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	12		8.8x4.3x2.1	3383	37.84	30	1780	
2	12		8.8x4.4x3.0	3262	38.72	34	1970	
3	12		8.9x4.4x3.1	3366	39.16	34	1950	
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**supervisor(lab)**

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**Department of Civil Engineering**  
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Phone Nos. 042-99029202, 042-99029217

1013  
Engr. Ubaid

To: **Sub Divisional Officer, (Buildings)**

**Sub Division Ferozwala**

**Project: Construction of Judicial Academy at Lahore kala Shah Kaku, lahore, (ADP No. 3271/2020-21) Group-2**

Our Ref. No. CL/CED/ 2893 Dated: 26-04-21

Your Ref. No. No.988 Dated: 03-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 05-04-21 Tested on: 22-04-21 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	H		8.8x4.3x3.0	2786	37.84	39	2310	
2	H		9.0x4.4x3.0	2869	39.6	33	1870	
3	H		8.8x4.3x3.0	2983	37.84	25	1480	
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**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

1077

Dr. Umbreen

**To: Mr. Justin Nawaz (Project Manager ZAHB)**  
**M/s Zohra Al-Hayat Builders (Pvt.) Ltd.**  
**Project: Nil**

Our Ref. No. CL/CED/ 2894 Dated: 26-04-21

Your Ref. No. ZAHB/P1/POR Dated: 12-04-21

## COMPRESSION TEST REPORT

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

Specimens received on: 16-04-21 Tested on: 26-04-21 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	Fly Ash Brick ZB		8.9x4.3x3.5	3883	38.27	35	2050	
2	Fly Ash Brick ZB		9.0x4.3x3.5	3912	38.7	31	1800	
3	Fly Ash Brick ZB		9.0x4.3x3.5	4224	38.7	37	2150	
4	Fly Ash Brick ZB		9.0x4.3x3.5	4026	38.7	35	2030	
5	Fly Ash Brick ZB		9.0x4.3x3.5	4123	38.7	35	2030	
6	Fly Ash Brick ZH		9.0x4.5x3.1	3860	40.5	41	2270	
7	Fly Ash Brick ZH		9.0x4.5x3.0	3183	40.5	29	1610	
8	Fly Ash Brick ZH		9.0x4.5x3.0	3658	40.5	41	2270	
9	Fly Ash Brick ZH		8.9x4.5x3.0	3553	40.05	39	2190	
10	Fly Ash Brick ZH		9.0x4.5x3.0	3555	40.5	35	1940	
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