



# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

7909

To: **Engr. Tahir Mahmood (Infrastructure Engineer)**  
**M/s Sheher Saaz Pvt. Ltd. Lahore**  
**Project: Canal Garden Housing Society Lahore Pakistan**

Engr. Ubaid Ahmed

Our Ref. No. CL/CED/ 7020-2 of 2 Dated: 22-01-19

Your Ref. No. SS/CGTHS/HO/5533/2019 Dated: 10-01-19

## COMPRESSION TEST REPORT

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

Specimens received on: 14-01-19 Tested on: 21-01-19 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	M			3743	8.8x4.2x2.9	3264	36.96	27	1640	14.67
2	M			3744	8.7x4.2x2.9	3247	36.54	25	1540	15.3
3	M			3614	8.8x4.4x3	3296	38.72	45	2610	9.64
4	M			3735	8.8x4.3x3	3307	37.84	33	1960	12.94
5	M			3644	8.9x4.2x2.8	3344	37.38	43	2580	8.97
6	5			3492	8.8x4.2x2.9	3214	36.96	51	3100	8.64
7	5			3646	8.7x4.3x2.9	3296	37.41	33	1980	10.61
8	5			3482	8.8x4.4x2.8	3120	38.72	33	1910	11.6
9	5			3494	8.9x4.3x2.9	3147	38.27	39	2290	11.02
10	5			3539	8.8x4.3x2.9	3190	37.84	33	1960	10.94
11	Gutka			1015	8.9x2.2x1.6	927	19.58	29	3320	9.49
12	Gutka			1000	8.9x2.2x1.5	924	19.58	33	3780	8.22
13	Gutka			1000	8.8x2.1x1.5	917	18.48	35	4250	9.05
End	---	---	---	---	---	---	---	---	---	---
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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

7730

To: Omer Sheikh (Project Manager)

Engr.Ubaid Ahmed

The City Schools Pvt. Ltd.

Project: Construction of The City School Bahria Campus Lahore

Our Ref. No. CL/CED/

7055

Dated:

22-01-19

Your Ref. No.

Proj/BahriaCampus/steel/02

Dated:

11-12-18

## COMPRESSION TEST REPORT

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

Specimens received on:

11-12-18

Tested on:

21-01-19

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	A K				8.8x4.3x2.9	3126	37.84	35	2080		
2	A K				8.7x4.4x2.8	3141	38.28	46	2700		
3	A K				8.8x4.3x2.9	3119	37.84	43	2550		
4	A K				8.8x4.4x2.9	3156	38.72	29	1680		
5	A K				8.9x4.4x2.9	3149	39.16	32	1840		
6	A K				8.8x4.3x3	3120	37.84	48	2850		
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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

7755

Engr.Ubaid Ahmed

**To: Sub Divisional Officer**  
**Buildings Sub Division, Sohawa**  
**Project: Construction of Tehsil Complex at Dina, District Jhelum**

Our Ref. No. CL/CED/ 7056 Dated: 22-01-19

Your Ref. No. 234 Dated: 25-10-18

## COMPRESSION TEST REPORT

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

Specimens received on: 14-12-18 Tested on: 21-01-19 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	3 3			3266	8.8x4.3x2.9	2964	37.84	34	2020	10.18
2	3 3			3292	8.8x4.4x2.9	2897	38.72	26	1510	13.63
3	3 3			3259	8.8x4.3x2.9	2966	37.84	38	2250	9.87
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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

7811

To: **Yasser Ali**  
**Nowruz Real Estate, Lahore**  
**Project: Construction of Farm House**

Engr. Ubaid Ahmed

Our Ref. No. CL/CED/ 7057 Dated: 22-01-19

Your Ref. No. Nil Dated: 27-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 27-12-18 Tested on: 21-01-19 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	W B		8.6x4.4x2.9	2756	37.84	20	1190	
2	W B		8.6x4.3x3.0	2794	36.98	12	730	
3	W B		8.7x4.3x3.0	2720	37.41	22	1320	
4	W B		8.6x4.3x2.9	2760	36.98	17	1030	
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

7812

Engr. Ubaid Ahmed

To: **Sub Divisional Officer**

**Buildings Sub Division, Shakargarh**

**Project: Basic Infrastructure for Hospitals at Tehsil Head Quarter Hospital Shakargarh (Main Building Portion)**

Our Ref. No.  
CL/CED/

7058

Dated:

22-01-19

Your Ref. No.

1310-B

Dated:

31-10-18

## COMPRESSION TEST REPORT

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

Specimens received  
on:

27-12-18

Tested on:

21-01-19

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	M R			3072	8.5x4.2x2.9	2687	35.7	28	1760	14.32
2	M R			3115	8.7x4.3x2.8	2710	37.41	30	1800	14.94
3	M R			3099	8.6x4.2x2.7	2699	36.12	30	1870	14.82
4	M R			3108	8.6x4.2x2.8	2719	36.12	30	1870	14.3
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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

7859

To: **S. Shaukat Hussain (Incharge Civil)**

Engr.Ubaid Ahmed

**Sui Northern Gas Pipelines Ltd. Lahore**

**Project: Construction of Boundary Wall For Regional Distribution Office at Gujrat**

Our Ref. No. CL/CED/

7059

Dated:

22-01-19

Your Ref. No.

CC/60/B.W/Gujrat

Dated:

03-01-19

## COMPRESSION TEST REPORT

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

Specimens received on: 03-01-19 Tested on: 21-01-19 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	5 5 5		8.4x4.3x2.6	2644	36.12	34	2110	
2	5 5 5		8.6x4.4x2.7	2654	37.84	32	1900	
3	5 5 5		8.5x4.4x2.8	2714	37.4	38	2280	
4	5 5 5		8.6x4.2x2.7	2691	36.12	37	2300	
5	5 5 5		8.6x4.3x2.8	2647	36.98	39	2370	
6	5 5 5		8.6x4.2x2.7	2690	36.12	25	1560	
7	2 2 2		8.5x4.4x2.6	2666	37.4	36	2160	
8	2 2 2		8.6x4.4x2.7	2614	37.84	33	1960	
9	2 2 2		8.5x4.3x2.7	2627	36.55	45	2760	
10	2 2 2		8.5x4.4x2.6	2687	37.4	43	2580	
11	2 2 2		8.5x4.4x2.7	2619	37.4	48	2880	
12	2 2 2		8.6x4.4x2.6	2614	37.84	34	2020	
End	---	---	---	---	---	---	---	---
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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

7870

Engr. Ubaid Ahmed

**To: Rai M. Kaleem Ullah**  
**Awan Construction Company**  
**Project: Faisal Feed Mills Faisalabad**

Our Ref. No. CL/CED/ 7060 Dated: 22-01-19  
Your Ref. No. Nil Dated: 07-01-19

## COMPRESSION TEST REPORT

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

Specimens received on: 07-01-19 Tested on: 21-01-19 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	4 8 7			3571	8.8x4.4x2.9	3070	38.72	17	990	16.31
2	4 8 7			3582	8.6x4.3x3.0	3062	36.98	12	730	16.98
3	4 8 7			3449	8.4x4.4x3.0	3045	36.96	30	1820	13.26
4	4 8 7			3591	8.6x4.3x3.0	3087	36.98	16	970	16.32
5	4 8 7			3458	8.6x4.3x3.0	3002	36.98	20	1220	15.18
6	4 8 7			3574	8.8x4.2x3.0	3102	36.96	20	1220	15.21
End	---	---	---	---	---	---	---	---	---	---
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**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

7893

Engr.Ubaid Ahmed

To: Sub Divisional Officer

Buildings Sub Division No. 10, Lahore

Project: (Grp-No.2) Constt. of Traffic Police Line No.2 at Lahore (Constt. of D.I.G Office I/C Fire Fighting, Fire Hydrant Underground Water Tank etc)

Our Ref. No. CL/CED/ 7061

Dated: 22-01-19

Your Ref. No. 485/10th

Dated: 25-10-18

## COMPRESSION TEST REPORT

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

Specimens received

on: 09-01-19 Tested on: 21-01-19 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	Gutka		8.9x2.2x2.1	1269	19.58	16	1840	
2	Gutka		8.8x2.2x2.1	1254	19.36	20	2320	
3	Gutka		8.9x2.2x2.2	1272	19.58	12	1380	
4	Gutka		8.9x2.2x2.1	1280	19.58	16	1840	
5	Gutka		9.0x2.2x2.1	1269	19.8	17	1930	
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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

7898

To: Sub Divisional Officer (Buildings)

Engr.Ubaid Ahmed

Sub Division, Ferozewala

Project: Upgradation of Govt Boys Primary School Triday Wali to Middle Level Tehsil Sharqpur Distt. Sheikupura

Our Ref. No. CL/CED/

7062

Dated:

22-01-19

Your Ref. No.

494/F

Dated:

01-01-19

## COMPRESSION TEST REPORT

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

Specimens received on: 10-01-19 Tested on: 21-01-19 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	F M				8.9x4.4x3.0	3377	39.16	32	1840	
2	F M				8.9x4.5x2.9	3402	40.05	32	1790	
3	F M				8.9x4.4x2.9	3377	39.16	40	2290	
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

7899

To: **Ghulam Mohammad Ghous (Assistant Director Tech.)**

Engr. Ubaid Ahmed

**Anti-Corruption Establishment, Sargodha**

**Project: Regarding Enquiry No. 101/2018(SGD)/Upgradation of BHU Chak No. 60/NB to RHC Ghusia Mahria Colony Khyzerabad Distt. Sargodha**

Our Ref. No. CL/CED/ 7063 Dated: 22-01-19

Your Ref. No. ACE-SR-2018/269 Dated: 07-01-19

## COMPRESSION TEST REPORT

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

Specimens received

on: 10-01-19 Tested on: 21-01-19 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	Double Line			3526	8.9x4.4x3.0	3191	39.16	40	2290	10.49
2	Double Line			3581	9.0x4.5x3.0	3174	40.5	38	2110	12.82
3	Double Line			3642	9.0x4.4x3.0	3196	39.6	30	1700	13.95
4	Double Line			3438	8.9x4.5x3.0	3164	40.05	40	2240	8.65
5	Double Line			3596	8.9x4.5x2.9	3149	40.05	28	1570	14.19
6	Gutka				9.0x2.2x2.2	1327	19.8	12	1360	
7	Gutka				8.9x2.2x2.1	1269	19.58	14	1610	
8	Gutka				8.8x2.2x2.1	1288	19.36	20	2320	
9	Gutka				8.8x2.1x2.1	1325	18.48	22	2670	
10	Gutka				8.9x2.2x2.2	1297	19.58	18	2060	
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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

7900

To: Sub Divisional Officer (Auqaf)

Engr.Ubaid Ahmed

Data Darbar, Lahore

Project: Construction of Boundary Wall at Residence of Khateeb Badshahi Masjid Lahore

Our Ref. No. CL/CED/

7064

Dated:

22-01-19

Your Ref. No.

MemoNo.SDO/A1DD/111

Dated:

02-01-19

## COMPRESSION TEST REPORT

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

Specimens received on:

10-01-19

Tested on:

21-01-19

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	S Y 4				8.8x4.4x2.9	3066	38.72	26	1510	
2	S Y 4				8.8x4.3x2.8	3096	37.84	40	2370	
3	S Y 4				8.9x4.4x2.9	3074	39.16	50	2870	
4	S Y 4				8.8x4.4x2.9	3047	38.72	44	2550	
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\* as engraved on the specimens (if any)

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\*\*\*\* 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

7900

Engr. Ubaid Ahmed

To: **Sub Divisional Officer (Auqaf)**  
**Data Darbar, Lahore**

**Project: Construction of Commercial Plaza Attached With Badshahi Masjid Lahore**

Our Ref. No. CL/CED/ 7065 Dated: 22-01-19

Your Ref. No. MemoNo.SDO/A1DD/115 Dated: 02-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 10-01-19 Tested on: 21-01-19 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	S Y 4				8.8x4.4x2.9	3052	38.72	34	1970	
2	S Y 4				8.9x4.3x2.9	3099	38.27	32	1880	
3	S Y 4				8.8x4.4x3.0	3102	38.72	24	1390	
4	S Y 4				8.8x4.3x2.9	3088	37.84	32	1900	
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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). 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

7903

Engr.Ubaid Ahmed

**To: Assistant Director (T)**  
**Anti Corruption Establishment, Sahiwal Region**  
**Project: Boundary Wall BZU Sahiwal Campus (Aman Sahoo)**

Our Ref. No. CL/CED/ 7066 Dated: 22-01-19

Your Ref. No. 294-ADT Dated: 28-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 10-01-19 Tested on: 21-01-19 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	S				8.9x4.4x2.9	3264	39.16	20	1150	
2	S				8.8x4.4x2.9	3291	38.72	33	1910	
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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

\*\*\* 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

7903

Engr.Ubaid Ahmed

To: **Assistant Director (T)**  
**Anti Corruption Establishment, Sahiwal Region**  
**Project: Girls Hostel BZU Sahiwal Campus (Ali Ejaz Contractor)**

Our Ref. No. CL/CED/ 7067 Dated: 22-01-19

Your Ref. No. ADT-295 Dated: 28-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 10-01-19 Tested on: 21-01-19 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	S		8.8x4.4x2.8	3002	38.72	25	1450	
2	S		8.9x4.3x2.9	2997	38.27	26	1530	
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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

\*\*\* 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

7903

To: **Assistant Director (T)**  
**Anti Corruption Establishment, Sahiwal Region**  
**Project: Student Service Center (Soling), BZU Sahiwal Campus (Ch. Tanveer Contractor)**

Engr. Ubaid Ahmed

Our Ref. No. CL/CED/ 7068 Dated: 22-01-19

Your Ref. No. 296-ADT Dated: 28-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 10-01-19 Tested on: 21-01-19 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	G B				8.9x4.5x2.9	2926	40.05	34	1910	
2	G B				8.9x4.4x2.9	3014	39.16	30	1720	
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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

\*\*\* 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

7903

To: **Assistant Director (T)**  
**Anti Corruption Establishment, Sahiwal Region**  
**Project: Academic Block-1, BZU Sahiwal Campus (Haji Afzal Contractor)**

Engr. Ubaid Ahmed

Our Ref. No. CL/CED/ 7069 Dated: 22-01-19

Your Ref. No. ADT-297 Dated: 28-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 10-01-19 Tested on: 21-01-19 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	S				8.9x4.4x2.8	3141	39.16	42	2410	
2	S				8.9x4.4x2.9	3196	39.16	36	2060	
End	---	---	---	---	---	---	---	---	---	---
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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

\*\*\* 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

7903

**To: Assistant Director (T)**  
**Anti Corruption Establishment, Sahiwal Region**  
**Project: Academic Block-II, BZU Sahiwal Campus (Haji Afzal Contractor)**

Engr. Ubaid Ahmed

Our Ref. No. CL/CED/ 7070 Dated: 22-01-19

Your Ref. No. ADT-298 Dated: 28-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 10-01-19 Tested on: 21-01-19 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	1 0 0 0				8.8x4.3x2.8	3296	37.84	30	1780	
2	1 0 0 0				8.8x4.5x2.8	3277	39.6	34	1930	
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\* as engraved on the specimens (if any)

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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). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab)

Director/Dy. Director Concrete Laboratory