



# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9496

Engr. Aamina

To: Arslan Arshad (Project Manager)

Depac, Lahore

Project: Construction of Dr. Maqbool Ahmad Block, King Edward Medical University (KEMU), Lahore

Our Ref. No. CL/CED/

9361

Dated:

28-11-19

Your Ref. No.

T-28/18/19

Dated:

14-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 14-11-19 Tested on: 27-11-19 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	Cut Wire		8.9x4.3x2.8	3103	38.27			
2	Cut Wire		8.9x4.4x2.8	3159	39.16			
3	Cut Wire		8.8x4.3x2.8	3104	37.84			
4	Cut Wire		8.9x4.4x2.9	3297	39.16			
5	Cut Wire		8.9x4.3x2.8	3119	38.27			
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing\\_reports?id=6](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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Specimens received on: 14-11-19 Tested on: 27-11-19 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	N B C		9.0x4.4x2.9	3222	39.6			
2	N B C		9.0x4.4x2.9	3291	39.6			
3	N B C		8.9x4.3x2.9	3259	38.27			
4	N B C		9.0x4.3x2.8	3231	38.7			
5	N B C		9.0x4.4x2.8	3275	39.6			
6	N B C		8.9x4.4x2.9	3310	39.16	62	3550	
7	N B C		8.9x4.4x2.9	3295	39.16	71	4070	
8	N B C		9.0x4.4x2.9	3259	39.6	32	1810	
9	N B C		9.0x4.4x2.9	3264	39.6	43	2440	
10	N B C		9.0x4.3x2.8	3284	38.7	38	2200	
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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

9514

Engr. Aamina

To: Assistant Resident Engineer Distt. Kasur

ES Consultants Pvt. Ltd. Lahore

Project: Technical Assistance, Design and Supervisory Services to PMIU and School Council/Licensees for the Construction of Additional Class Rooms in Selected Schools of Punjab (Package-2)

Our Ref. No. CL/CED/

9363

Dated:

28-11-19

Your Ref. No.

ESC/PMIU/P2/RE-  
KSR/001

Dated:

16-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 18-11-19 Tested on: 27-11-19 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		9.0x4.4x2.8	3290	39.6	43	2440	
2	S		9.0x4.3x2.8	3319	38.7	36	2090	
3	S		8.8x4.3x2.8	3281	37.84	33	1960	
4	S		8.9x4.4x2.8	3343	39.16	42	2410	
5	S		8.8x4.3x2.9	3296	37.84	41	2430	
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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

9516

Engr. Aamina

To: Sub Divisional Officer

Highway Sub Division, Taunsa

Project: Construction of Metalled Road From Head 22 to Indus Highway Via Makwal and Hairo  
Length=27.60 KM

Our Ref. No. CL/CED/

9364

Dated:

28-11-19

Your Ref. No.

2827

Dated:

23-09-19

## COMPRESSION TEST REPORT

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

Specimens received on:

18-11-19

Tested on:

27-11-19

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 P L		8.8x4.4x2.6	2670	38.72	64	3710	
2	S P L		8.8x4.4x2.7	2763	38.72	67	3880	
3	S P L		8.9x4.3x2.6	2794	38.27	63	3690	
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing_reports&id=6)

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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

9551

**To: Engr. Mian Usama Mahmood (Project Engineer)**  
**Dr. AQ Khan Hospital Trust**  
**Project: Construction of Dr. AQ Khan Hospital Trust Lahore**

Engr. Abdul Rehman

Our Ref. No. CL/CED/ 9365 Dated: 28-11-19

Your Ref. No. DAQKH/016 Dated: 26-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 26-11-19 Tested on: 28-11-19 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	P		8.8x4.2x2.9	2902	36.96	46	2790	
2	P		8.8x4.3x2.9	2947	37.84	49	2910	
3	P		8.8x4.3x2.9	2918	37.84	43	2550	
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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

9526

Engr. M. Rehan

To: **HS Crete (Pvt.) Ltd.**  
**Nil**  
**Project: Nil**

Our Ref. No. CL/CED/ 9366 Dated: 28-11-19

Your Ref. No. Nil Dated: 19-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 19-11-19 Tested on: 28-11-19 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	Kerb Stone		5.9x6.0x5.5	7.4	35.4	49	3110	Cut Cube
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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)

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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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

9532  
Dr. Aqsa

**To: Muhammad Asad Rafi (Project Manager)**  
**Deepwell Corporation (Pvt.) Ltd.**  
**Project: Sky Gadens Lahore (Index Pile-1/22 m)**

Our Ref. No. CL/CED/ 9367 Dated: 28-11-19  
Your Ref. No. Nil Dated: 19-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 20-11-19 Tested on: 26-11-19 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	4000 Psi	26	10	2019	6Diax12	14.8	28.28	61	4840	Non Engraved
2	4000 Psi	26	10	2019	6Diax12	15	28.28	71	5630	Non Engraved
3	4000 Psi	26	10	2019	6Diax12	14.2	28.28	65	5150	Non Engraved
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departament?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departament?RID=testing_reports&id=6)

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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

9536  
Dr. Aqsa

**To: Abdul Rehman (Assistant Executive Engineer-III)**  
**Pakistan Railways, Lahore**  
**Project: Construction of overhead Water Tank at Washing Line Lahore**

Our Ref. No. CL/CED/ 9368 Dated: 28-11-19

Your Ref. No. W-2/WaterTank/2019 Dated: 20-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 21-11-19 Tested on: 26-11-19 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	HS Tank Wall	4	11	2019	6Diax12	13.2	28.28	61	4840	Engraved
2	HS Tank Wall	4	11	2019	6Diax12	13.2	28.28	75	5950	Engraved
3	HS Tank Wall	4	11	2019	6Diax12	13.2	28.28	68	5390	Engraved
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9544  
Dr. Aqsa

To: **M. Sohail Anjum (Project Manager)**  
**P-156 Gulberg II Lahore**  
**Project: Construction of P-156 Gulberg II Lahore**

Our Ref. No. CL/CED/ 9369 Dated: 28-11-19

Your Ref. No. P-156-033 Dated: 22-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 22-11-19 Tested on: 26-11-19 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	8 5 (3750 Psi)	15	11	2019	6Diax12	14	28.28	44	3490	Non Engraved
2	8 6 (3750 Psi)	15	11	2019	6Diax12	14	28.28	37	2940	Non Engraved
3	8 7 (3750 Psi)	15	11	2019	6Diax12	14	28.28	46	3650	Non Engraved
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