



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

8101

Dr. M. Yousaf

To: **S. Shaukat Hussain (Incharge Civil)**  
**Sui Northern Gas Pipelines Ltd. Lahore**  
**Project: Construction of Rooms and Wash Rooms at Regional Distribution Office Lahore**

Our Ref. No. CL/CED/ 7359 Dated: 26-02-19

Your Ref. No. CC/64/L.A/8Rooms Dated: 14-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 15-02-19 Tested on: 20-02-19 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	25				8.9x4.4x3.0	3420	39.16	33	1890	
2	25				9.0x4.3x3.0	3396	38.7	30	1740	
3	25				9.0x4.4x2.9	3377	39.6	36	2040	
4	25				8.9x4.4x2.9	3426	39.16	33	1890	
5	25				9.0x4.4x2.9	3416	39.6	33	1870	
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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**  
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Phone Nos. 042-99029202, 042-99029217

8051  
Dr. Aqsa

To: **Asstt: Director (P&E)**

**WASA, LDA, Lahore**

**Project: Tender No. P&S/25.01/6012/34-37 Dated: 15.01.2019 Additional & Alteration / Const. of Quarter Situated at Water Reservoir H-Block, Sabzazar A.I.T WASA, LDA, Lahore**

Our Ref. No. CL/CED/ 7360 Dated: 26-02-19

Your Ref. No. AD P&E/2249 Dated: 28-01-19

## COMPRESSION TEST REPORT

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

Specimens received on: 07-02-19 Tested on: 22-02-19 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		26	1	2019	6x6x6	8.6	36	100	6230	Non Engraved
2		26	1	2019	6x6x6	8.4	36	107	6660	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

8095  
Dr. Aqsa

To: **M. Rizwan Shoukat (Project Incharge)**  
**WASO, PAEC, GINUM Gujranwala**  
**Project: First Floor Slab**

Our Ref. No. CL/CED/ 7361 Dated: 26-02-19  
Your Ref. No. Nil Dated: 09-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 14-02-19 Tested on: 22-02-19 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		2	2	2019	6x6x6	8.4	36	90	5600	Non Engraved
2		2	2	2019	6x6x6	8.8	36	100	6230	Non Engraved
3		2	2	2019	6x6x6	8.6	36	87	5420	Non Engraved
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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

8120

Engr.Ubaid Ahmed

**To: Progressive Construction Co.**  
**35-Abdul Kareem Road, Lahore**  
**Project: Construction of Police Station Lohari Gate, Lahore**

Our Ref. No. CL/CED/ 7362 Dated: 26-02-19

Your Ref. No. PCC/PSL/09 Dated: 28-11-18

## COMPRESSION TEST REPORT

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

Specimens received on: 19-02-19 Tested on: 25-02-19 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
		Month	Day	Year						
1		18	11	2018	6x6x6	9	36	116	7220	Non Engraved
2		18	11	2018	6x6x6	8.8	36	106	6600	Non Engraved
3		14	11	2018	6x6x6	8.4	36	126	7840	Non Engraved
4		14	11	2018	6x6x6	8.8	36	108	6720	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

8120  
Engr. Ubaid  
Ahmed

**To: Progressive Construction Co.**  
**35-Abdul Kareem Road, Lahore**  
**Project: Construction of Police Station Lohari Gate, Lahore**

Our Ref. No. CL/CED/ 7363 Dated: 26-02-19

Your Ref. No. PCC/PSL/28 Dated: 17-01-19

## COMPRESSION TEST REPORT

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

Specimens received on: 19-02-19 Tested on: 25-02-19 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
		Month	Day	Year						
1		7	1	2019	6x6x6	8.2	36	69	4300	Non Engraved
2		7	1	2019	6x6x6	8.8	36	67	4170	Non Engraved
3		1	1	2019	6x6x6	8.6	36	108	6720	Non Engraved
4		1	1	2019	6x6x6	9.2	36	95	5920	Non Engraved
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8100

To: **Ch. Abdul Ghafoor (Resident Engineer)**

Engr. Ubaid Ahmed

**PEPAC Ltd. Lahore**

**Project: (Pkg-T) Estab. of Worker Welfare Complex (Ph-1), Adjacent to Sundar Industrial Estate Distt. Kasur**

Our Ref. No. CL/CED/ 7364 Dated: 26-02-19

Your Ref. No. RE/PEPAC/WWC-K/2019/T-22 Dated: 11-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 15-02-19 Tested on: 25-02-19 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	Grid AB1-P1	7	1	2019	6x6x6	9	36	138	8590	Non Engraved
2	Grid AB1-P1	7	1	2019	6x6x6	9	36	136	8470	Non Engraved
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8104  
Dr. Aqsa

**To: Imran Akhtar (Project Manager)**  
**CM Engineering Pvt. Ltd. Lahore**  
**Project: CMPAK, Site ID 41252, Pier Foundation**

Our Ref. No. CL/CED/ 7365 Dated: 26-02-19

Your Ref. No. CME/Cubes/CMPAK/470 Dated: 18-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 18-02-19 Tested on: 22-02-19 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		11	2	2019	6x6x6	8.2	36	107	6660	Non Engraved
2		11	2	2019	6x6x6	8	36	58	3610	Non Engraved
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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

8108

Dr. Aqsa

To: Ch. Abdul Ghafoor (Resident Engineer)

PEPAC Ltd. Lahore

Project: (Pkg-Q) Estab. of Worker Welfare Complex (Ph-1), Adjacent to Sundar Industrial Estate Distt. Kasur

Our Ref. No. CL/CED/

7366

Dated:

26-02-19

Your Ref. No.

RE/PEPAC/WWC-K/Q-23

Dated:

09-02-19

## COMPRESSION TEST REPORT

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

Specimens received on:

18-02-19

Tested on:

22-02-19

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	Block Q-55/10(Raft)	9	1	2019	6x6x6	9	36	97	6040	Non Engraved
2	Block Q-55/10(Raft)	9	1	2019	6x6x6	8.8	36	89	5540	Non Engraved
3	Block Q-55/10(Raft)	9	1	2019	6x6x6	8.5	36	98	6100	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory





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8109

Engr. Ubaid Ahmed

**To: M/s Sherwani Enterprises**  
**PCSIR Staff Society, College Road, Lahore**  
**Project: Gulab Devi Hospital Lahore**

Our Ref. No. CL/CED/ 7367 Dated: 26-02-19

Your Ref. No. Nil Dated: 18-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 18-02-19 Tested on: 25-02-19 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	1	2019	6x6x6	8	36	45	2800	Engraved
2		8	1	2019	6x6x6	7.7	36	57	3550	Engraved
End	---	---	---	---	---	---	---	---	---	---
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

8110  
Dr. Aqsa

**To: Fairmay Investments**  
**76C-1 Gulberg III, Lahore**  
**Project:**

Our Ref. No. CL/CED/ 7368 Dated: 26-02-19  
Your Ref. No. Nil Dated: 18-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 18-02-19 Tested on: 22-02-19 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
		1	2	2019						
1		1	2	2019	6Diax12	14.6	28.28	69	5470	Non Engraved
2		1	2	2019	6Diax12	14.3	28.28	64	5070	Non Engraved
3		1	2	2019	6Diax12	14.4	28.28	62	4920	Non Engraved
4		2	2	2019	6Diax12	14	28.28	70	5550	Non Engraved
5		2	2	2019	6Diax12	14.2	28.28	62	4920	Non Engraved
6		2	2	2019	6Diax12	14	28.28	66	5230	Non Engraved
7		3	2	2019	6Diax12	14.2	28.28	70	5550	Non Engraved
8		3	2	2019	6Diax12	14.2	28.28	78	6180	Non Engraved
9		3	2	2019	6Diax12	14	28.28	73	5790	Non Engraved
10		4	2	2019	6Diax12	14	28.28	67	5310	Non Engraved
11		4	2	2019	6Diax12	14	28.28	71	5630	Non Engraved
12		4	2	2019	6Diax12	13.2	28.28	70	5550	Non Engraved
13		5	2	2019	6Diax12	14.2	28.28	65	5150	Non Engraved
14		5	2	2019	6Diax12	14	28.28	67	5310	Non Engraved
15		5	2	2019	6Diax12	14.2	28.28	67	5310	Non Engraved
End	---	---	---	---	---	---	---	---	---	---

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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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8122  
Dr. Umbreen

To: **A.H. Khawaja**  
**Fairmay Invesment, Lahore**  
**Project:**

Our Ref. No. CL/CED/ 7369 Dated: 26-02-19  
Your Ref. No. Nil Dated: 19-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 19-02-19 Tested on: 25-02-19 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
		Month	Day	Year						
1		8	2	2019	6Diax12	14.4	28.28	55	4360	Non Engraved
2		8	2	2019	6Diax12	14.4	28.28	73	5790	Non Engraved
3		8	2	2019	6Diax12	14.4	28.28	73	5790	Non Engraved
4		9	2	2019	6Diax12	14	28.28	73	5790	Non Engraved
5		9	2	2019	6Diax12	14	28.28	59	4680	Non Engraved
6		9	2	2019	6Diax12	14	28.28	69	5470	Non Engraved
7		10	2	2019	6Diax12	13.8	28.28	55	4360	Non Engraved
8		10	2	2019	6Diax12	14	28.28	51	4040	Non Engraved
9		10	2	2019	6Diax12	14	28.28	47	3730	Non Engraved
10		11	2	2019	6Diax12	13.6	28.28	45	3570	Non Engraved
11		11	2	2019	6Diax12	13.4	28.28	51	4040	Non Engraved
12		11	2	2019	6Diax12	14	28.28	57	4520	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
14										
15										
16										

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" 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**



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

8112  
Dr. Aqsa

To: **Sub Divisional Officer**

**PHE Sub Division, Gujranwala**

**Project: PCC, Sewerage/Drainage Scheme, Disposal, U.C City Ladhaywala Warraich, Qila Dedar Singh, Madu Khalil & Ghakhar City, Tehsil & Distt. Gujranwala**

Our Ref. No. CL/CED/ 7370 Dated: 26-02-19

Your Ref. No. 637/T Dated: 24-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 18-02-19 Tested on: 22-02-19 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	P C C (1 : 2 : 4)	26	11	2018	6x6x6	8.2	36	64	3990	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
3										
4										
5										
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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**