



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

9716

Engr. Ubaid

To: (Ch. Liaqat Ali), Resident Engineer

G3 Engineering Consultants (Pvt.) Ltd.

Project: Consultancy Services for Resident Construction Supervision of Provision of Missing Specialties for Up Gradation of DHQ Hospital to Teaching Hospital Gujranwala. (Group 2).

Our Ref. No. CL/CED/

9589

Dated:

06-01-20

Your Ref. No.

G3/205/1150

Dated:

29-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 26-12-19 Tested on: 31-12-19 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	3rd F. Slab Central Block	29	10	2019	6Diax12	13.8	28.28	69	5470	Engraved
2	3rd F. Slab Central Block	29	10	2019	6Diax12	13.6	28.28	58	4600	Engraved
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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

9723

Engr. Ubaid

**To: Mr. Muhammad Saeed (Project Manager)**  
**Mukhtar Sons Construction (Pvt.) Ltd.**  
**Project: Naveena Apartments, 35-C, Gulberg III, Lahore**

Our Ref. No. CL/CED/ 9590 Dated: 06-01-20

Your Ref. No. Nil Dated: 27-12-19

## COMPRESSION TEST REPORT

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

Specimens received on: 27-12-19 Tested on: 31-12-19 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	Shear Wall & Lift Wall	13	12	2019	6Diax12	13.6	28.28	67	5310	Non Engraved
2	Shear Wall & Lift Wall	13	12	2019	6Diax12	14	28.28	75	5950	Non Engraved
3	Shear Wall & Lift Wall	13	12	2019	6Diax12	14.2	28.28	75	5950	Non Engraved
4	Columns	4	12	2019	6Diax12	14	28.28	61	4840	Non Engraved
5	Columns	4	12	2019	6Diax12	14	28.28	73	5790	Non Engraved
6	Columns	4	12	2019	6Diax12	13.8	28.28	71	5630	Non Engraved
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9726

Engr. Ubaid

**To: Muhammad Azeem (Operation Manager)**  
**Amer Adnan Associates, Lahore**  
**Project: Hotel Building at 24-A Block E/2 at Gulberg III, Lahore**

Our Ref. No. CL/CED/ 9591 Dated: 06-01-20

Your Ref. No. AAA/24A/0002 Dated: 27-12-19

## COMPRESSION TEST REPORT

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

Specimens received on: 27-12-19 Tested on: 31-12-19 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		19	12	2019	6Diax12	14	28.28	38	3010	Engraved
2		19	12	2019	6Diax12	13.8	28.28	41	3250	Engraved
3		19	12	2019	6Diax12	14	28.28	33	2620	Engraved
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9727

Engr. Ubaid

**To: Mr. Shakeel Ahmed**  
**Kasur**  
**Project: Nil**

Our Ref. No. CL/CED/ 9592 Dated: 06-01-20  
Your Ref. No. Nil Dated: 27-12-19

## COMPRESSION TEST REPORT

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

Specimens received on: 27-12-19 Tested on: 31-12-19 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		19	12	2019	6Diax12	14	28.28	43	3410	Non Engraved
2		23	11	2019	6Diax12	14	28.28	85	6740	Non Engraved
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9728

Dr. Umbreen

To: **Sub Divisional Officer**

**Public Health Engg: Sub Division, Wazirabad**

**Project: Provision of Sewerage, PCC Street Drain, Tuff Tiles, Water Supply in City Wazirabad, Sodhra District Gujranwala**

Our Ref. No. CL/CED/

9593

Dated:

06-01-20

Your Ref. No.

83/W

Dated:

24-12-19

## COMPRESSION TEST REPORT

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

Specimens received on: 27-12-19 Tested on: 01-01-20 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	PCC Pavement	26	11	2019	6x6x6	8	36	59	3680	Non Engraved
2	PCC Pavement	26	11	2019	6x6x6	8.2	36	80	4980	Non Engraved
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9730  
Dr. Umbreen

To: **S & S Enterprises**  
**Johar Town, Lahore**

**Project: Construction of Extension of Shed # 4 for installation of 18 X New Jacquard Looms-NCL Weaving**

Our Ref. No. CL/CED/ 9594 Dated: 06-01-20

Your Ref. No. NCL-1/0011 Dated: 30-12-19

## COMPRESSION TEST REPORT

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

Specimens received on: 30-12-19 Tested on: 01-01-20 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	Ca- Footing	21	12	2019	6x6x6	9	36	77	4800	Non Engraved
2	Ca- Footing	21	12	2019	6x6x6	8.6	36	73	4550	Non Engraved
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**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

9735

Dr. Umbreen

To: **Syed Nabeel Hassan (Resident Engineer)**

**CM Div., NESPAK (Pvt.) Ltd. Lahore**

**Project: Rehabilitation of Road From Fazal E Haq Road to Hafeez Taaib Road (Between Kashmir Block and Rachna Block) and Link Street Rachna Block Allama Iqbal Town, Lahore (Maqbool Road-Saddiq Street)**

Our Ref. No. CL/CED/

9595

Dated:

06-01-20

Your Ref. No.

4047-R/13/SNH/07/WM/175

Dated:

26-12-19

## COMPRESSION TEST REPORT

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

Specimens received on:

31-12-19

Tested on:

01-01-20

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		28	11	2019	6x6x6	8.1	36	51	3180	Non Engraved
2		28	11	2019	6x6x6	8.1	36	57	3550	Non Engraved
3		28	11	2019	6x6x6	8.1	36	73	4550	Non Engraved
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9708  
Dr. Umbreen

**To: Sub Divisional Officer**  
**Building Sub Division, Kasur**  
**Project: Construction of Residences at THQ Hospital Kot Radha Kishan, Kasur**

Our Ref. No. CL/CED/ 9596 Dated: 06-01-20

Your Ref. No. 992 Dated: 06-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 24-12-19 Tested on: 06-01-20 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 M 1		8.7x4.3x2.9	3049	37.41	57	3420	
2	1 M 1		8.7x4.3x2.9	3021	37.41	51	3060	
3	1 M 1		8.8x4.4x2.9	3064	38.72	64	3710	
4	1 M 1		8.7x4.3x2.9	3074	37.41	43	2580	
5	1 M 1		8.8x4.4x2.9	3081	38.72	49	2840	
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**Director/Dy. Director Concrete Laboratory**





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Phone Nos. 042-99029202, 042-99029217

9710  
Dr. Umbreen

**To: Sub Divisional Officer**  
**Buildings Sub Division, Nankana Sahib**  
**Project: Construction of Police Station (PS) City Nankana Sahib**

Our Ref. No. CL/CED/ 9597 Dated: 06-01-20  
Your Ref. No. 673/N Dated: 17-12-19

## COMPRESSION TEST REPORT

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

Specimens received on: 26-12-19 Tested on: 06-01-20 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 K		8.8x4.3x2.9	3211	37.84	33	1960	
2	P K		8.8x4.3x2.9	3253	37.84	43	2550	
3	P K		8.8x4.3x2.9	3190	37.84	32	1900	
4	P K		8.8x4.4x2.9	3224	38.72	35	2030	
5	P K		8.8x4.4x2.9	3189	38.72	37	2140	
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**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

9738

Dr. Aqsa

To: Major Muhammad Aslam, Retd (Resident Engineer Penta Square)  
Al-Imam Enterprises (Pvt.) Ltd. (M/S Guarantee Engineers).  
Project: Construction of Penta Square, Phase-V, D.H.A, Lahore.

Our Ref. No. CL/CED/ 9598 Dated: 06-01-20

Your Ref. No. Al-Imam/746/PS-1/DHA/1017 Dated: 07-12-19

## COMPRESSION TEST REPORT

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

Specimens received on: 31-12-19 Tested on: 06-01-20 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	Rectangular Red (Terracotta Citi)		7.8x3.9x2.3	2747	30.42	120	8840	
2	Rectangular Red (Terracotta Citi)		7.8x3.9x2.3	2633	30.42	150	11050	
3	Rectangular Red (Terracotta Citi)		7.8x3.9x2.3	2739	30.42	90	6630	
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# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9704

Dr. Aqsa

To: Furqan Ali Malik (Chief Resident Engineer, Package-1)

CM Div., NESPAK (Pvt.) Ltd. Lahore

Project: Constt. & Rehab. of at Grade Works Along Lahore Orange Line Metro Train Corridor Package-1 (Section-I) Rng Road to Daroghwa Chowk (Both Side)

Our Ref. No. CL/CED/

9599

Dated:

06-01-20

Your Ref. No.

4042/13/FAM/Tough-Paver-150

Dated:

20-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 24-12-19 Tested on: 06-01-20 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	Rectangular Grey		7.8x3.8x3.1	3614	29.64	112	8470	
2	Rectangular Grey		7.8x3.8x3.1	3647	29.64	132	9980	
3	Rectangular Red		7.8x3.8x3.1	3639	29.64	86	6500	
4	Rectangular Grey		7.8x3.8x2.3	2618	29.64	109	8240	
5	Rectangular Grey		7.8x3.8x2.3	2631	29.64	116	8770	
6	Rectangular Red		7.8x3.8x2.3	2679	29.64	85	6430	
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