



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

358

To: **Mr. Khurram Gulzar (Development Manager)**

Dr. Mazhar Saleem

**Meraj Housing Scheme**

**Project: Society Located at The Toll Plaza of Daska-Sialkot Motorway.**

Our Ref. No. CL/CED/ 1579 Dated: 07-01-21

Your Ref. No. MCP/LAB/Testing/13 Dated: 31-12-20

## COMPRESSION TEST REPORT

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

Specimens received on: 31-12-20 Tested on: 04-01-21 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		21	12	2020	6x6x6	8.6	36	49	3050	Non Engraved
2		22	12	2020	6x6x6	8.8	36	43	2680	Non Engraved
3										
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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**



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To: Dyeputy Director, Engg. (Sec I&II, Package-I, LOLMTP)  
LDA, Lahore  
Project: Construction of Baghbanpura Police Station GT Road Lahore (Lahore Orange Line Metro Train Package-I)

Dr. Mazhar Saleem

Our Ref. No. CL/CED/ 1580 Dated: 07-01-21

Your Ref. No. DD/PKG-II/LOLMTP/LDA/34 Dated: 30-12-20

## COMPRESSION TEST REPORT

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

Specimens received on: 31-12-20 Tested on: 06-01-21 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		3	12	2020	6x6x6	8.8	36	79	4920	Non Engraved
2		3	12	2020	6x6x6	8.8	36	77	4800	Non Engraved
3		3	12	2020	6x6x6	9	36	79	4920	Non Engraved
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To: **M/s Eastern Dairies (Pvt.) Ltd.**

Dr. Mazhar Saleem

**10/A, Block L, Ferozpur Road, Gulberg III, Lahore**

**Project: Eastern Dairies (Pvt.) Ltd., 2.5-KM Raiwind Manga Road, Raiwind (Maize Silo Construction)**

Our Ref. No. CL/CED/ 1581 Dated: 07-01-21

Your Ref. No. H/USR/C-A-1/EDL-P/016 Dated: 01-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 01-01-21 Tested on: 04-01-21 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	23	11	2020	6x6x6	9	36	122	7600	Engraved
2	B	23	11	2020	6x6x6	9	36	124	7720	Engraved
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Engr. Ubaid

To: **Inspector of Works**

**Pakistan Railway Headquarter Office, Lahore**

**Project: Replacement of Jack Arch Roofing in to RCC Slab at 2nd Floor Walton Block in Railway Headquarter Office Lahore**

Our Ref. No. CL/CED/ 1582 Dated: 07-01-21

Your Ref. No. 62-W/0/201/Lose Dated: 01-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 01-01-21 Tested on: 07-01-21 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	1	3	12	2020	6Diax12	14	28.28	52	4120	Engraved
2	2	3	12	2020	6Diax12	14	28.28	67	5310	Engraved
3	3	3	12	2020	6Diax12	14.4	28.28	37	2940	Engraved
4	4	3	12	2020	6Diax12	13.8	28.28	47	3730	Engraved
5	5	3	12	2020	6Diax12	14.2	28.28	66	5230	Engraved
6	6	3	12	2020	6Diax12	14	28.28	51	4040	Engraved
7	7	3	12	2020	6Diax12	14	28.28	65	5150	Engraved
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Dr.Mazhar Saleem

To: **Mr. Zeeshan**

**Stallion Pharmaceuticals (Pvt.) Ltd. Lahore**

**Project: Head Office Stallion Pharma Plot # 187/5 D Phase 8 DHA Cantt Lahore**

Our Ref. No. CL/CED/ 1583 Dated: 07-01-21

Your Ref. No. Nil Dated: 01-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 31-12-20 Tested on: 06-01-21 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	G/F Column & Lift	12	11	2020	6Diax12	14	28.28	73	5790	Non Engraved
2	G/F Column & Lift	12	11	2020	6Diax12	14	28.28	73	5790	Non Engraved
3	G/F Column & Lift	12	11	2020	6Diax12	14	28.28	71	5630	Non Engraved
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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

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Dr. Mazhar Saleem

To: **Mr. Muhammad Shahbaz**  
**Imperium Hospitality (Pvt.) Ltd. Lahore**  
**Project: Nil**

Our Ref. No. CL/CED/ 1584 Dated: 07-01-21

Your Ref. No. IHPL/Con/014 Dated: 28-12-20

## COMPRESSION TEST REPORT

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

Specimens received on: 01-01-21 Tested on: 06-01-21 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	8000 Psi	21	12	2020	6Diax12	14	28.28	69	5470	Non Engraved
2	8000 Psi	21	12	2020	6Diax12	14	28.28	81	6420	Non Engraved
3	8000 Psi	21	12	2020	6Diax12	13.4	28.28	65	5150	Non Engraved
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To: **Mr. Maqsood Ahmad (Project Coordinator)**  
**Banu Mukhtar Contracting (Pvt.) Ltd. Lahore**  
**Project: Novatex (Pvt.) Ltd. M3 Industrial Estate Fsd (Ware House Pedestal)**

Dr. Mazhar Saleem

Our Ref. No. CL/CED/ 1585 Dated: 07-01-21

Your Ref. No. BML/300841/004 Dated: 01-01-21

## COMPRESSION TEST REPORT

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

Specimens received on: 01-01-21 Tested on: 06-01-21 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	3500 Psi	30	11	2020	6Diax12	14	28.28	71	5630	Non Engraved
2	3500 Psi	30	11	2020	6Diax12	14	28.28	79	6260	Non Engraved
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Engr. Ubaid

**To: Mr. Muhammad Waqas Anwar (Resident Engineer-I)**  
**H&TE Div., Nespak (Pvt.) Ltd. Lahore (M/s Maqbool Associates Pvt. Ltd.)**  
**Project: Construction of Underpass at Firdous Market, Lahore**

Our Ref. No. CL/CED/ 1586 Dated: 07-01-21

Your Ref. No. 3772/FMU/103/MWA/04/347 Dated: 26-12-20

## COMPRESSION TEST REPORT

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

Specimens received on: 30-12-20 Tested on: 07-01-21 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	Rectangular Grey		7.9x3.9x2.3	2731	30.81	130	9460	
2	Rectangular Grey		7.9x3.9x2.3	2832	30.81	152	11060	
3	Rectangular Grey		7.9x3.9x2.3	2928	30.81	156	11350	
4	Rectangular Grey		7.9x3.9x2.3	2914	30.81	136	9890	
5	Rectangular Grey		7.9x3.9x2.3	2739	30.81	178	12950	
6	Rectangular Grey		7.9x3.9x2.3	2678	30.81	162	11780	
7	Rectangular Grey		7.9x3.9x2.3	2872	30.81	144	10470	
8	Rectangular Grey		7.9x3.9x2.3	2870	30.81	150	10910	
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Engr. Ubaid

To: **Sub Divisional Officer**

**Buildings Sub Division Toba Tek Singh**

**Project: Construction of BS Block in Govt Degree Coolege for Boys Gojra (Foundation)**

Our Ref. No. CL/CED/ 1587 Dated: 07-01-21

Your Ref. No. 1447 Dated: 21-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 06-01-21 Tested on: 07-01-21 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	( 1 : 2 : 4 )	30	10	2020	6x6x6	9	36	106	6600	Engraved
2	( 1 : 2 : 4 )	30	10	2020	6x6x6	9.2	36	108	6720	Engraved
3	( 1 : 2 : 4 )	30	10	2020	6x6x6	9.2	36	78	4860	Engraved
4	( 1 : 2 : 4 )	31	10	2020	6x6x6	9.4	36	104	6480	Engraved
5	( 1 : 2 : 4 )	31	10	2020	6x6x6	9.2	36	106	6600	Engraved
6	( 1 : 2 : 4 )	1	11	2020	6x6x6	9.2	36	63	3920	Engraved
7	( 1 : 2 : 4 )	1	11	2020	6x6x6	9.2	36	83	5170	Engraved
8	( 1 : 2 : 4 )	1	11	2020	6x6x6	9.4	36	43	2680	Engraved
9	( 1 : 2 : 4 )	5	11	2020	6x6x6	9	36	81	5040	Engraved
10	( 1 : 2 : 4 )	5	11	2020	6x6x6	9	36	83	5170	Engraved
11	( 1 : 2 : 4 )	6	11	2020	6x6x6	9	36	63	3920	Non Engraved
12	( 1 : 2 : 4 )	6	11	2020	6x6x6	9	36	67	4170	Non Engraved
13	( 1 : 2 : 4 )	6	11	2020	6x6x6	9	36	73	4550	Non Engraved
14	( 1 : 2 : 4 )	8	11	2020	6x6x6	9.2	36	76	4730	Engraved
15	( 1 : 2 : 4 )	8	11	2020	6x6x6	9	36	81	5040	Engraved
16	( 1 : 2 : 4 )	8	11	2020	6x6x6	9	36	73	4550	Engraved

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Engr. Ubaid

**To: Mr. Hassan Khan Sherwani (Provincial Construction Supervision Manager)**  
**Humqadam SCRP**  
**Project: Humqadam-School Construction and Rehabilitation Programme**

Our Ref. No. CL/CED/ 1564-2 of 2 Dated: 07-01-21

Your Ref. No. IMC-LHR/SCRP/2020/  
MaterialTesting/LHR-3 Dated: 30-12-20

## COMPRESSION TEST REPORT

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

Specimens received on: 01-01-21 Tested on: 07-01-21 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		23	12	2020	6Diax12	12	28.28	28	2220	Engraved
2		23	12	2020	6Diax12	12.4	28.28	23	1830	Engraved
3		23	12	2020	6Diax12	12.4	28.28	31	2460	Engraved
4		23	12	2020	6Diax12	12	28.28	23	1830	Engraved
5		23	12	2020	6Diax12	12.2	28.28	20	1590	Non Engraved
6		23	12	2020	6Diax12	12	28.28	35	2780	Non Engraved
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