



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

10250

**To: Engr. Faizan Hussain (Assistant Engineer)**  
**B&W department, UET, Lahore**  
**Project: Construction Site of Girls Hostel in UET Lahore**

Engr. Ubaid

Our Ref. No. CL/CED/ 354 Dated: 08-07-20

Your Ref. No. B&W/AEN/1362 Dated: 02-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 03-07-20 Tested on: 07-07-20 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	3rd Floor Roof	22	5	2020	6Diax12	12.4	28.28	43	3410	Engraved
2	3rd Floor Roof	22	5	2020	6Diax12	13.4	28.28	62	4920	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"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



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10255  
Engr. Ubaid

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

Our Ref. No. CL/CED/ 355 Dated: 08-07-20

Your Ref. No. P-156-118 Dated: 03-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 03-07-20 Tested on: 07-07-20 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	480 (3000 Psi)	20	6	2020	6Diax12	14	28.28	45	3570	Non Engraved
2	482 (3000 Psi)	20	6	2020	6Diax12	14	28.28	36	2860	Non Engraved
3	484 (3000 Psi)	20	6	2020	6Diax12	14	28.28	33	2620	Non Engraved
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10252

Engr. Ubaid

**To: Engr. Usama Abbas Khokhar (Project Engineer Civil)**  
**Shahid Builders (Pvt.) Ltd. Lahore**  
**Project: Construction of Burger King / Pizza Hut Plaza DHA Phase-V Lahore**

Our Ref. No. CL/CED/ 356 Dated: 08-07-20

Your Ref. No. SBL/2020/1039 Dated: 02-07-20

## COMPRESSION TEST REPORT

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Specimens received on: 03-07-20 Tested on: 07-07-20 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	Ground Floor Slab	23	6	2020	6Diax12	13.6	28.28	32	2540	Non Engraved
2	Ground Floor Slab	23	6	2020	6Diax12	13.4	28.28	35	2780	Non Engraved
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10277

Dr. Umbreen

To: **Engr. Ghulam Sarwar (Resident Engineer)**

**Velosi Integrity & Safety Pakistan (Pvt.) Ltd.**

**Project: Demolition and Re-construction of Railway Station at Nankana Sahib Pakistan Railways**

Our Ref. No. CL/CED/

357

Dated:

08-07-20

Your Ref. No.

V84-L-ES-42

Dated:

30-06-20

## COMPRESSION TEST REPORT

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

Specimens received on:

08-07-20

Tested on:

08-07-20

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		7.9/7.3x3.9/3.3x3.1	3745	27.45	120	9800	Avg. of Top & Bottom Areas
2	Rectangular Grey		7.9/7.3x3.9/3.3x3.1	3779	27.45	120	9800	Avg. of Top & Bottom Area
3	Rectangular Grey		7.9/7.3x3.9/3.3x3.1	3761	27.45	122	9960	Avg. of Top & Bottom Area
4	Rectangular Grey		7.9/7.3x3.9/3.3x3.1	3717	27.45	110	8980	Avg. of Top & Bottom Area
5	Rectangular Grey		7.9/7.3x3.9/3.3x3.1	3722	27.45	122	9960	Avg. of Top & Bottom Area
6	Rectangular Grey		7.9/7.3x3.9/3.3x3.1	3763	27.45	110	8980	Avg. of Top & Bottom Area
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10279

Dr. Umbreen

**To: Pak Pacific Construction Professionals**  
**New Garden Town, Lahore**  
**Project: Boundary Wall Nishat-Sutas Dairy Sukkeke (Foundations)**

Our Ref. No. CL/CED/ 358 Dated: 08-07-20

Your Ref. No. PPCP/NSDL/Lhr-506 Dated: 08-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 08-07-20 Tested on: 08-07-20 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	C 20	3	6	2020	6x6x6	8.2	36	94	5850	Engraved
2	C 20	3	6	2020	6x6x6	8.4	36	98	6100	Engraved
3	C 20	3	6	2020	6x6x6	8.2	36	110	6850	Engraved
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10273

Dr. Umbreen

To: **Engr. Tariq Hasan (Deputy Director Works)**

**Govt. Of The Punjab, Mines Labour Welfare Commissioner Punjab Lahore**

**Project: Establishment of Mines Labour Welfare Dispensary, Basti Dahar, Salar Band and Sanghar Ghulki, Tribal Area Tehsil Koh-E-Suleman District D.G. Khan**

Our Ref. No. CL/CED/ 359 Dated: 08-07-20

Your Ref. No. MLWC/C.E/MT/50/17/5150 Dated: 26-06-20

## COMPRESSION TEST REPORT

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

Specimens received on: 07-07-20 Tested on: 08-07-20 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	( 1 : 2 : 4 )	6	5	2020	6x6x6	8	36	12	750	Non Engraved
2	( 1 : 2 : 4 )	7	5	2020	6x6x6	8	36	35	2180	Non Engraved
3	( 1 : 2 : 4 )	11	6	2020	6x6x6	8	36	49	3050	Non Engraved
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