



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

10481  
Dr. Aqsa

**To: Manager Engineering**  
**Ali Zaman (Pvt.) Ltd. Lahore**  
**Project: Packages Mall Lahore**

Our Ref. No. CL/CED/ 719 Dated: 27-08-20  
Your Ref. No. AZL-422-2020 Dated: 26-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 26-08-20 Tested on: 27-08-20 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	Kerb Stone A		6x6x6	8	36	73	4550	Cut Cube
2	Kerb Stone B		6x6x6	7.8	36	44	2740	Cut Cube
3	Kerb Stone C		6x6x6	8.2	36	47	2930	Cut Cube
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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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10431  
Dr. Aqsa

**To: Sub Division Officer**  
**Buildings Sub Division, Khushab**  
**Project: Establishment of Wild Life Park at Jaharabad District Khushab**

Our Ref. No. CL/CED/ 720 Dated: 27-08-20

Your Ref. No. 320/K Dated: 10-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 18-08-20 Tested on: 27-08-20 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	Kerb Stone		6x6x6	8	36	36	2240	Cut Cube
2	Kerb Stone		6x6x6	8.2	36	57	3550	Cut Cube
3	Kerb Stone		6x6x6	8	36	48	2990	Cut Cube
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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10468  
Engr. Ubaid

To: **Imran Akhtar (Project Manager)**  
**CM Engineering (Pvt.) Ltd. Lahore**  
**Project: Long Hual & Metro, Site ID-8391, Odu Pad**

Our Ref. No. CL/CED/ 721 Dated: 27-08-20

Your Ref. No. CME/Cubes/LongHual/653 Dated: 28-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 24-08-20 Tested on: 25-08-20 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	( 1 : 1.5 : 3 )	30	6	2020	6x6x6	8.4	36	98	6100	Non Engraved
2	( 1 : 1.5 : 3 )	30	6	2020	6x6x6	8	36	96	5980	Non Engraved
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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10468  
Engr. Ubaid

**To: M Furqan (Project Manager)**  
**CM Engineering (Pvt.) Ltd. Lahore**  
**Project: CMPAK, Site ID-52659, Column / BTS Pad**

Our Ref. No. CL/CED/ 722 Dated: 27-08-20

Your Ref. No. CME/Cubes/CMAPK/653 Dated: 30-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 24-08-20 Tested on: 25-08-20 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 : 1.5 : 3 )	23	7	2020	6x6x6	8.6	36	94	5850	Non Engraved
2	( 1 : 1.5 : 3 )	23	7	2020	6x6x6	8.4	36	95	5920	Non Engraved
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

10468

Engr. Ubaid

To: **Imran Akhtar (Project Manager)**  
**CM Engineering (Pvt.) Ltd. Lahore**  
**Project: Long Hual & Metro, Site ID-50127, Odu Pad**

Our Ref. No. CL/CED/ 723 Dated: 27-08-20

Your Ref. No. CME/Cubes/LongHual/644 Dated: 31-07-20

## COMPRESSION TEST REPORT

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

Specimens received on: 24-08-20 Tested on: 25-08-20 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	( 1 : 1.5 : 3 )	3	7	2020	6x6x6	8	36	99	6160	Non Engraved
2	( 1 : 1.5 : 3 )	3	7	2020	6x6x6	8.4	36	95	5920	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

10478  
Dr. Aqsa

To: **Lt. Col. Retd. Muhammad Ibrahim (Estate Engineer)**  
**Board of Management, Sundar Industrial Estate**  
**Project: Nil**

Our Ref. No. CL/CED/ 698-2 of 3 Dated: 27-08-20  
Your Ref. No. BOM/SIE/BCD/5796 Dated: 25-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 25-08-20 Tested on: 27-08-20 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	AMB		8.8x4.3x2.9	3402	37.84	39	2310	
2	AMB		8.9x4.3x3.0	3448	38.27	49	2870	
3	AMB		8.8x4.2x3.0	3406	36.96	46	2790	
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Phone Nos. 042-99029202, 042-99029217

10478  
Dr. Aqsa

To: **Lt. Col. Retd. Muhammad Ibrahim (Estate Engineer)**  
**Board of Management, Sundar Industrial Estate**  
**Project: Nil**

Our Ref. No. CL/CED/ 698-3 of 3 Dated: 27-08-20  
Your Ref. No. BOM/SIE/BCD/5796 Dated: 25-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 25-08-20 Tested on: 27-08-20 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	Kerb Stone		6x6x6	8	36	65	4050	Cut Cube
2	Kerb Stone		6x6x6	7.6	36	47	2930	Cut Cube
3	Kerb Stone		6x6x6	8	36	81	5040	Cut Cube
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10471  
Dr. Aqsa

To: **Premium Engineering (Pvt.) Ltd.**  
**Lahore**  
**Project: Namal Mianwali**

Our Ref. No. CL/CED/ 724 Dated: 27-08-20  
Your Ref. No. Nil Dated: 24-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 24-08-20 Tested on: 27-08-20 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		8	8	2020	6Diax12	13	28.28	27	2140	Non Engraved
2		8	8	2020	6Diax12	13	28.28	27	2140	Non Engraved
3		8	8	2020	6Diax12	13	28.28	32	2540	Non Engraved
4		7	8	2020	6Diax12	13.2	28.28	35	2780	Non Engraved
5		7	8	2020	6Diax12	13.4	28.28	29	2300	Non Engraved
6		7	8	2020	6Diax12	13.2	28.28	29	2300	Non Engraved
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