



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

10268

Dr. Mazhar Saleem

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

Our Ref. No. CL/CED/ 427 Dated: 16-07-20

Your Ref. No. P-156-120 Dated: 06-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-07-20 Tested on: 16-07-20 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	DG		8.8x4.4x3.0	3210	38.72	55	3190	
2	DG		9.0x4.3x3.0	3189	38.7	57	3300	
3	DG		8.8x4.3x3.0	3212	37.84	31	1840	
4	DG		8.8x4.4x3.0	3199	38.72			
5	DG		8.9x4.3x3.0	3188	38.27			
6	DG		9.0x4.4x3.0	3208	39.6			
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Results can also be seen on website 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
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10276
Dr. Umbreen

To: Mr. Waqas Ali
Variant, 25-T Gulberg 2, Lahore
Project: Columns A1, A3, C2, E2, SH E2, D5 (Grid A to E, Line 1 to 3)

Our Ref. No. CL/CED/ 428 Dated: 16-07-20

Your Ref. No. VA/23/171 Dated: 30-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-07-20 Tested on: 15-07-20 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		13	5	2020	6Diax12	13.2	28.28	69	5470	Non Engraved
2		13	5	2020	6Diax12	13.8	28.28	94	7450	Non Engraved
3		13	5	2020	6Diax12	14	28.28	97	7690	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

10276

Dr. Umbreen

To: Mr. Waqas Ali
Variant, 25-T Gulberg 2, Lahore
Project: Columns, Lift Walls 22D (Grid E to H, Line -3 to 3)

Our Ref. No. CL/CED/ 429 Dated: 16-07-20

Your Ref. No. VA/23/170 Dated: 30-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-07-20 Tested on: 15-07-20 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		11	5	2020	6Diax12	13.8	28.28	100	7930	Non Engraved
2		11	5	2020	6Diax12	13.6	28.28	94	7450	Non Engraved
3		11	5	2020	6Diax12	13.5	28.28	90	7690	Non Engraved
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10276
Dr. Umbreen

To: Mr. Waqas Ali
Variant, 25-T Gulberg 2, Lahore
Project: Columns B4, C5, C6, D3, SH D3, F5, F6, (Grid A to E, Line 3 to 6)

Our Ref. No. CL/CED/ 430 Dated: 16-07-20

Your Ref. No. VA/23/172 Dated: 30-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-07-20 Tested on: 15-07-20 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		16	5	2020	6Diax12	13.2	28.28	90	7130	Non Engraved
2		16	5	2020	6Diax12	13.6	28.28	80	6340	Non Engraved
3		16	5	2020	6Diax12	14	28.28	83	6580	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

10276
Dr. Umbreen

To: Mr. Waqas Ali
Variant, 25-T Gulberg 2, Lahore
Project: (1). (Grid F to H, Line 6 to 8), (2). (Grid D to H, Line -1 to 2)

Our Ref. No. CL/CED/ 431 Dated: 16-07-20
Your Ref. No. VA/23/173 Dated: 30-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-07-20 Tested on: 15-07-20 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	Cols. F7, F8, G7,G8, H6,H7,H8	20	5	2020	6Diax12	13.4	28.28	83	6580	Non Engraved
2	Cols. F7, F8, G7,G8, H6,H7,H8	20	5	2020	6Diax12	13.6	28.28	83	6580	Non Engraved
3	8th Floor Slab Pour 1	21	5	2020	6Diax12	14	28.28	63	4990	Non Engraved
4	8th Floor Slab Pour 1	21	5	2020	6Diax12	13.6	28.28	69	5470	Non Engraved
5	8th Floor Slab Pour 1	21	5	2020	6Diax12	13.6	28.28	65	5150	Non Engraved
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

10299

Engr. Ubaid

To: **Syed Ayaz Ahmed Bukhari (Sr. Asst. Mgr Technical Services)**
Pioneer Cement Ltd. Lahore
Project: Nil

Our Ref. No. CL/CED/ 432 Dated: 16-07-20

Your Ref. No. Nil Dated: 13-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-07-20 Tested on: 14-07-20 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 (R-1)		7.8x3.8x3.1	3563	29.64	67	5070	
2	Rectangular Grey (R-2)		7.8x3.8x3.1	3576	29.64	75	5670	
3	Rectangular Grey (S-1)		7.8x3.8x3.1	3609	29.64	63	4770	
4	Rectangular Grey (S-2)		7.8x3.8x3.1	3592	29.64	91	6880	
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10301

Dr. Umbreen

To: **Asif Nadeem Khawar (Resident Engineer)**

Asian Consulting Engineers (Pvt.) Ltd. & Metroplan JV

Project: Resident Construction Supervision for Establishment of 200 Bedded Mother & Child Hospital and Nursing College, District Mianwali

Our Ref. No. CL/CED/

433

Dated:

16-07-20

Your Ref. No.

MetroplanAsianJV-Nexus-
MMCH-RE-307

Dated:

12-07-20

COMPRESSION TEST REPORT

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

Specimens received on:

13-07-20

Tested on:

15-07-20 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	Lab No. 28 (Lab-1)	5	7	2020	6Diax12	14	28.28	75	5950	Non Engraved
2	Lab No. 28 (Lab-2)	5	7	2020	6Diax12	14	28.28	81	6420	Non Engraved
3	Lab No. 28 (Lab-3)	5	7	2020	6Diax12	14	28.28	73	5790	Non Engraved
4	Lab No. 29 (Field-1)	5	7	2020	6Diax12	14	28.28	79	6260	Non Engraved
5	Lab No. 29 (Field-2)	5	7	2020	6Diax12	14	28.28	79	6260	Non Engraved
6	Lab No. 29 (Field-3)	5	7	2020	6Diax12	14	28.28	81	6420	Non Engraved
7	Lab No. 30 (Lab-1)	5	7	2020	6Diax12	14	28.28	81	6420	Non Engraved
8	Lab No. 30 (Lab-2)	5	7	2020	6Diax12	14	28.28	65	5150	Non Engraved
9	Lab No. 30 (Lab-3)	5	7	2020	6Diax12	14	28.28	81	6420	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

10301

Dr. Umbreen

To: **Asif Nadeem Khawar (Resident Engineer)**

Asian Consulting Engineers (Pvt.) Ltd. & Metroplan JV

Project: Resident Construction Supervision for Establishment of 200 Bedded Mother & Child Hospital and Nursing College, District Mianwali

Our Ref. No. CL/CED/

434

Dated:

16-07-20

Your Ref. No.

MetroplanAsianJV-Nexus-
MMCH-RE-290

Dated:

06-07-20

COMPRESSION TEST REPORT

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

Specimens received on:

13-07-20

Tested on:

15-07-20

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	Solid Block PCC (1:2:4)	7	6	2020	11.8x5.9x8.0	22	69.62	118	3800	
2	Solid Block PCC (1:2:4)	7	6	2020	11.8x5.9x8.0	22.2	69.62	108	3480	
3	Solid Block PCC (1:2:4)	7	6	2020	11.8x5.9x8.0	22	69.62	124	3990	
4	Solid Block PCC (1:2:4)	8	6	2020	11.8x5.9x8.0	22	69.62	104	3350	
5	Solid Block PCC (1:2:4)	8	6	2020	11.8x5.9x8.0	22.4	69.62	106	3420	
6	Solid Block PCC (1:2:4)	8	6	2020	11.8x5.9x8.0	22.2	69.62	118	3800	
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Asian Consulting Engineers (Pvt.) Ltd. & Metroplan JV

Project: Resident Construction Supervision for Establishment of 200 Bedded Mother & Child Hospital and Nursing College, District Mianwali

Our Ref. No. CL/CED/

435-1 of 2

Dated:

16-07-20

Your Ref. No.

MetroplanAsianJV-Nexus-
MMCH-RE-300

Dated:

10-07-20

COMPRESSION TEST REPORT

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

Specimens received on:

13-07-20

Tested on:

15-07-20

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	Lab No. 22 (Field-1)	2	7	2020	6Diax12	14	28.28	49	3890	Non Engraved
2	Lab No. 22 (Field-2)	2	7	2020	6Diax12	14	28.28	61	4840	Non Engraved
3	Lab No. 22 (Lab-1)	2	7	2020	6Diax12	13.8	28.28	59	4680	Non Engraved
4	Lab No. 22 (Lab-2)	2	7	2020	6Diax12	13.8	28.28	59	4680	Non Engraved
5	Lab No. 22 (Lab-3)	2	7	2020	6Diax12	14	28.28	53	4200	Non Engraved
6	Lab No. 23 (Field-1)	2	7	2020	6Diax12	14.2	28.28	67	5310	Non Engraved
7	Lab No. 23 (Field-2)	2	7	2020	6Diax12	13.6	28.28	51	4040	Non Engraved
8	Lab No. 23 (Lab-1)	2	7	2020	6Diax12	13.8	28.28	65	5150	Non Engraved
9	Lab No. 23 (Lab-2)	2	7	2020	6Diax12	13.4	28.28	55	4360	Non Engraved
10	Lab No. 23 (Lab-3)	2	7	2020	6Diax12	14	28.28	61	4840	Non Engraved
11	Lab No. 26 (Field-1)	5	7	2020	6Diax12	13.8	28.28	61	4840	Non Engraved
12	Lab No. 26 (Field-2)	5	7	2020	6Diax12	13.8	28.28	57	4520	Non Engraved
13	Lab No. 26 (Lab-1)	5	7	2020	6Diax12	14	28.28	63	4990	Non Engraved
14	Lab No. 26 (Lab-2)	5	7	2020	6Diax12	13.8	28.28	55	4360	Non Engraved
15	Lab No. 26 (Lab-3)	5	7	2020	6Diax12	13.8	28.28	57	4520	Non Engraved
16										

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Dr. Umbreen

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Asian Consulting Engineers (Pvt.) Ltd. & Metroplan JV

Project: Resident Construction Supervision for Establishment of 200 Bedded Mother & Child Hospital and Nursing College, District Mianwali

Our Ref. No. CL/CED/ 435-2 of 2 Dated: 16-07-20

Your Ref. No. JV-Nexus-MMCH-RE-300 Dated: 10-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-07-20 Tested on: 15-07-20 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						
16	Lab No. 27 (Field-1)	5	7	2020	6Diax12	14	28.28	59	4680	Non Engraved
17	Lab No. 27 (Field-2)	5	7	2020	6Diax12	13.8	28.28	57	4520	Non Engraved
18	Lab No. 27 (Lab-1)	5	7	2020	6Diax12	14	28.28	59	4680	Non Engraved
19	Lab No. 27 (Lab-2)	5	7	2020	6Diax12	13.6	28.28	59	4680	Non Engraved
20	Lab No. 27 (Lab-3)	5	7	2020	6Diax12	13.6	28.28	59	4680	Non Engraved
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