



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

10288

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

Dr.Waseem Abbas

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/ 369 Dated: 10-07-20

Your Ref. No. MetroplanAsianJV-IDAP- MMCH-RE-297 Dated: 08-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-07-20 Tested on: 09-07-20 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. 17 (Field)	30	6	2020	6Diax12	14	28.28	42	3330	Non Engraved
2	Lab No. 17 (Lab-1)	30	6	2020	6Diax12	13.8	28.28	58	4600	Non Engraved
3	Lab No. 17 (Lab-2)	30	6	2020	6Diax12	13.8	28.28	44	3490	Non Engraved
4	Lab No. 18 (Field)	30	6	2020	6Diax12	14	28.28	61	4840	Non Engraved
5	Lab No. 18 (Lab-1)	30	6	2020	6Diax12	13.6	28.28	43	3410	Non Engraved
6	Lab No. 18 (Lab-2)	30	6	2020	6Diax12	13.8	28.28	53	4200	Non Engraved
7	Lab No. 19 (Lab)	30	6	2020	6Diax12	13.8	28.28	55	4360	Non Engraved
8	Lab No. 20 (Field)	30	6	2020	6Diax12	13.8	28.28	33	2620	Non Engraved
9	Lab No. 20 (Lab)	30	6	2020	6Diax12	13.6	28.28	55	4360	Non Engraved
10										
11										
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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"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



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

10267

Dr. Umbreen

To: **Shahid Builders (Pvt.) Ltd.**

Lytton Road, Mozang Lahore

Project: Construction of Labard Rehabilitation & Vocational Training Centre, Harbanspura, Lahore

Our Ref. No. CL/CED/

370

Dated:

10-07-20

Your Ref. No.

SBL/2020/5

Dated:

06-07-20

COMPRESSION TEST REPORT

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

Specimens received on:

06-07-20

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
		Month	Day	Year						
1	U G F Column	25	3	2020	6Diax12	14	28.28	81	6420	Non Engraved
2	U G F Column	25	3	2020	6Diax12	14	28.28	63	4990	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
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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/ 371 Dated: 10-07-20

Your Ref. No. P-156-119 Dated: 06-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-07-20 Tested on: 09-07-20 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
		8	6	2020						
1	468 (4500 Psi)	8	6	2020	6Diax12	14	28.28	67	5310	Non Engraved
2	470 (4500 Psi)	8	6	2020	6Diax12	14	28.28	73	5790	Non Engraved
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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

10264
Engr. Ubaid

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

Our Ref. No. CL/CED/ 372 Dated: 10-07-20
Your Ref. No. IHPL/Con/009 Dated: 01-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-07-20 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	3000 Psi	11	6	2020	6Diax12	13	28.28	41	3250	Non Engraved
2	3000 Psi	11	6	2020	6Diax12	13	28.28	43	3410	Non Engraved
3	3000 Psi	12	6	2020	6Diax12	14	28.28	57	4520	Non Engraved
4	3000 Psi	12	6	2020	6Diax12	14	28.28	55	4360	Non Engraved
5	3000 Psi	13	6	2020	6Diax12	14	28.28	59	4680	Non Engraved
6	3000 Psi	13	6	2020	6Diax12	13.4	28.28	53	4200	Non Engraved
7	3000 Psi	14	6	2020	6Diax12	13.8	28.28	53	4200	Non Engraved
8	3000 Psi	14	6	2020	6Diax12	13.4	28.28	49	3890	Non Engraved
9	3000 Psi	15	6	2020	6Diax12	13.4	28.28	49	3890	Non Engraved
10	3000 Psi	15	6	2020	6Diax12	14	28.28	53	4200	Non Engraved
11	3000 Psi	17	6	2020	6Diax12	13.4	28.28	55	4360	Non Engraved
12	3000 Psi	17	6	2020	6Diax12	13.2	28.28	53	4200	Non Engraved
13	3000 Psi	19	6	2020	6Diax12	13.4	28.28	43	3410	Non Engraved
14	3000 Psi	19	6	2020	6Diax12	13.6	28.28	43	3410	Non Engraved
15	3000 Psi	21	6	2020	6Diax12	13.6	28.28	57	4520	Non Engraved
16	3000 Psi	21	6	2020	6Diax12	14	28.28	57	4520	Non Engraved

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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

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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

10264
Engr. Ubaid

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

Our Ref. No. CL/CED/ 373 Dated: 10-07-20
Your Ref. No. IHPL/Con/010 Dated: 01-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-07-20 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	4000 Psi	24	4	2020	6Diax12	14	28.28	83	6580	Non Engraved
2	4000 Psi	24	4	2020	6Diax12	14	28.28	81	6420	Non Engraved
3	4000 Psi	17	5	2020	6Diax12	14	28.28	65	5150	Non Engraved
4	4000 Psi	17	5	2020	6Diax12	14	28.28	69	5470	Non Engraved
5	4000 Psi	21	5	2020	6Diax12	14	28.28	90	7130	Non Engraved
6	4000 Psi	21	5	2020	6Diax12	14	28.28	88	6970	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

10266
Engr. Ubaid

To: **Muhammad Sajid**
Muhammad Mushtaq & Associates, Lahore Cantt.
Project: Construction of Golden Pearl Cosmetics at Quaid-E-Azam Industrial Estate Pakistan Lahore (Canteen)

Our Ref. No. CL/CED/ 374 Dated: 10-07-20

Your Ref. No. SNR/G-P/111-163 Dated: 06-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-07-20 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	Column	8	6	2020	6x6x6	8.4	36	83	5170	Non Engraved
2	Column	8	6	2020	6x6x6	8.4	36	96	5980	Non Engraved
3	Column	8	6	2020	6x6x6	8.2	36	92	5730	Non Engraved
4	Column	8	6	2020	6x6x6	8.4	36	85	5290	Non Engraved
5	Column	8	6	2020	6x6x6	9	36	65	4050	Non Engraved
6	Column	8	6	2020	6x6x6	9	36	90	5600	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

10265
Engr. Ubaid

To: **M. Furqan (Project Manager)**
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK Site ID-52731, Drill Pier / BTS PAD

Our Ref. No. CL/CED/ 375 Dated: 10-07-20

Your Ref. No. CME/Cubes/CMPAK/589 Dated: 24-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-07-20 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	(1 : 1.5 : 3)	17	6	2020	6x6x6	8.2	36	106	6600	Non Engraved
2	(1 : 1.5 : 3)	17	6	2020	6x6x6	8.2	36	104	6480	Non 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

* 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

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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

10265
Engr. Ubaid

To: **M. Furqan (Project Manager)**
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK Site ID-52705, Drill Pier / BTS PAD

Our Ref. No. CL/CED/ 376 Dated: 10-07-20

Your Ref. No. CME/Cubes/CMPAK/590 Dated: 24-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-07-20 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	(1 : 1.5 : 3)	17	6	2020	6x6x6	8.4	36	106	6600	Non Engraved
2	(1 : 1.5 : 3)	17	6	2020	6x6x6	8.2	36	112	6970	Non 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

* as engraved on the specimens (if any)

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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

10265

Engr. Ubaid

To: **Imran Akhtar (Project Manager)**
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK Site ID-43007, Pier Foundation

Our Ref. No. CL/CED/ 377 Dated: 10-07-20

Your Ref. No. CME/Cubes/CMPAK/591 Dated: 30-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-07-20 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	(1 : 1.5 : 3)	23	6	2020	6x6x6	8.6	36	81	5040	Non Engraved
2	(1 : 1.5 : 3)	23	6	2020	6x6x6	8.2	36	94	5850	Non Engraved
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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

10265
Engr. Ubaid

To: Imran Akhtar (Project Manager)
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK Site ID-43038, Pier Foundation

Our Ref. No. CL/CED/ 378 Dated: 10-07-20

Your Ref. No. CME/Cubes/CMPAK/592 Dated: 25-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-07-20 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	(1 : 1.5 : 3)	18	6	2020	6x6x6	8.4	36	102	6350	Non Engraved
2	(1 : 1.5 : 3)	18	6	2020	6x6x6	8.4	36	100	6230	Non Engraved
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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

10265

Engr. Ubaid

To: Imran Akhtar (Project Manager)
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK Site ID-43110, Complete Foundation

Our Ref. No. CL/CED/ 379 Dated: 10-07-20

Your Ref. No. CME/Cubes/CMPAK/593 Dated: 27-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-07-20 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	(1 : 1.5 : 3)	20	6	2020	6x6x6	8.4	36	110	6850	Non Engraved
2	(1 : 1.5 : 3)	20	6	2020	6x6x6	8.2	36	86	5360	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

10275
Dr. Umbreen

To: Qamar Uz Zaman (Project Manager)
Aujla & Associates Town Developers (Pvt.) Ltd. Gujranwala
Project: Overhead Water Reservoir No.9, Shaft Royal Palm City Housing Scheme Gujranwala

Our Ref. No. CL/CED/ 380 Dated: 10-07-20

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

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
		Month	Day	Year						
1	(1 : 1.5 : 3)	20	6	2020	6x6x6	9	36	120	7470	Non Engraved
2	(1 : 1.5 : 3)	20	6	2020	6x6x6	9	36	104	6480	Non Engraved
3	(1 : 1.5 : 3)	20	6	2020	6x6x6	8.4	36	84	5230	Non Engraved
4										
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16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?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

10275

Dr. Umbreen

To: Qamar Uz Zaman (Project Manager)
Aujla & Associates Town Developers (Pvt.) Ltd. Gujranwala
Project: Overhead Water Reservoir No.8, Foundation Royal Palm City Housing Scheme Gujranwala

Our Ref. No. CL/CED/ 381 Dated: 10-07-20

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

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
		Month	Day	Year						
1	(1 : 2 : 4)	18	6	2020	6x6x6	8.6	36	98	6100	Non Engraved
2	(1 : 2 : 4)	18	6	2020	6x6x6	8.8	36	90	5600	Non Engraved
3	(1 : 2 : 4)	18	6	2020	6x6x6	8.6	36	83	5170	Non Engraved
4										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing_reports&id=6

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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

10275
Dr. Umbreen

To: Qamar Uz Zaman (Project Manager)
Aujla & Associates Town Developers (Pvt.) Ltd. Gujranwala
Project: Overhead Water Reservoir No.7, Foundation Royal Palm City Housing Scheme Gujranwala

Our Ref. No. CL/CED/ 382 Dated: 10-07-20

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

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
		Month	Day	Year						
1	(1 : 2 : 4)	18	6	2020	6x6x6	8.4	36	63	3920	Non Engraved
2	(1 : 2 : 4)	18	6	2020	6x6x6	8.6	36	65	4050	Non Engraved
3	(1 : 2 : 4)	18	6	2020	6x6x6	9	36	94	5850	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing_reports&id=6

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**** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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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

10272

Dr. Umbreen

To: **T.S.M Design Studio (Pvt.) Ltd.**
Gulberg III, Lahore

Project: Construction of Gerry's Dnata Cargo Export Building at Allama Iqbal International Airport Lahore

Our Ref. No. CL/CED/ 383 Dated: 10-07-20

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

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
		Month	Day	Year						
1	4000 Psi	7	6	2020	6Diax12	14	28.28	61	4840	Engraved
2	4000 Psi	7	6	2020	6Diax12	14	28.28	55	4360	Engraved
3	4000 Psi	7	6	2020	6Diax12	14	28.28	59	4680	Engraved
4										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

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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

10272

Dr. Umbreen

To: **T.S.M Design Studio (Pvt.) Ltd.**
Gulberg III, Lahore

Project: Construction of Gerry's Dnata Cargo Export Building at Allama Iqbal International Airport Lahore

Our Ref. No. CL/CED/ 384 Dated: 10-07-20

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

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
		5	6	2020						
1	4000 Psi	5	6	2020	6Diax12	14	28.28	69	5470	Engraved
2	4000 Psi	5	6	2020	6Diax12	13.8	28.28	73	5790	Engraved
3	4000 Psi	5	6	2020	6Diax12	13.8	28.28	65	5150	Engraved
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16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departament?RID=testing_reports&id=6

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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

10269
Engr. Ubaid

To: Sub Divisional Officer
Buildings Sub Division, Assembly, Lahore
Project: Construction of 60-No Staff Quarters (Grade 1 to 10) at MPA's Hostel Lahore

Our Ref. No. CL/CED/ 385 Dated: 10-07-20
Your Ref. No. 2581 Dated: 04-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-07-20 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	Raft (1:2:4)	4	6	2020	6x6x6	9	36	100	6230	Engraved
2	Raft (1:2:4)	4	6	2020	6x6x6	9	36	86	5360	Engraved
3										
4										
5										
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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)

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*** 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

10269

Engr. Ubaid

To: Sub Divisional Officer
Buildings Sub Division, Assembly, Lahore
Project: Construction of MPA Hostel Phase-II Lahore (Group No.02)

Our Ref. No. CL/CED/ 386 Dated: 10-07-20

Your Ref. No. 2583 Dated: 04-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-07-20 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
		19	6	2020						
1	Piles (1:1.5:3)	19	6	2020	6x6x6	9	36	106	6600	Engraved
2	Piles (1:1.5:3)	19	6	2020	6x6x6	9	36	98	6100	Engraved
3										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports?id=6

* as engraved on the specimens (if any)

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*** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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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

10269
Engr. Ubaid

To: Sub Divisional Officer
Buildings Sub Division, Assembly, Lahore
Project: Construction of MPA Hostel Phase-II Lahore (Group No.02)

Our Ref. No. CL/CED/ 387 Dated: 10-07-20
Your Ref. No. 2585 Dated: 04-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-07-20 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	Piles (1:1.5:3)	20	6	2020	6x6x6	9	36	84	5230	Engraved
2	Piles (1:1.5:3)	20	6	2020	6x6x6	9	36	107	6660	Engraved
3										
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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)

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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

10269
Engr. Ubaid

To: Sub Divisional Officer
Buildings Sub Division, Assembly, Lahore
Project: Construction of MPA Hostel Phase-II Lahore (Group No.02)

Our Ref. No. CL/CED/ 388 Dated: 10-07-20

Your Ref. No. 2587 Dated: 04-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-07-20 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	Piles (1:1.5:3)	28	6	2020	6x6x6	8.4	36	83	5170	Engraved
2	Piles (1:1.5:3)	28	6	2020	6x6x6	8.8	36	83	5170	Engraved
3										
4										
5										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

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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

10274

Dr. Mazhar Saleem

To: Manager C.R & M
Allied Bank Ltd., Engineering Cell Multan
Project: Allied Bank Ltd. Shah Rukn-E-Alam Branch, Multan (0249)

Our Ref. No. CL/CED/ 389 Dated: 10-07-20

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

COMPRESSION TEST REPORT

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

Specimens received on: 07-07-20 Tested on: 09-07-20 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	Footing (3000 Psi)	19	5	2020	6Diax12	13.4	28.28	33	2620	Non Engraved
2	Footing (3000 Psi)	19	5	2020	6Diax12	13	28.28	37	2940	Non Engraved
3	Footing (3000 Psi)	19	5	2020	6Diax12	13	28.28	59	4680	Non Engraved
4	Columns (3500 Psi)	21	5	2020	6Diax12	13.2	28.28	43	3410	Non Engraved
5	Columns (3500 Psi)	21	5	2020	6Diax12	13	28.28	33	2620	Non Engraved
6	Columns (3500 Psi)	21	5	2020	6Diax12	12.8	28.28	59	4680	Non Engraved
7										
8										
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12										
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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)

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*** 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

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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

10278

To: **Mujib ur Rehman (Principal Architect)**
Sustainable Design Solutions, Lahore
Project: 34-CCA Commercial at Phase-6, DHA, Lahore (Second Floor Slab)

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 390 Dated: 10-07-20

Your Ref. No. SDS-1262019-05 Dated: 07-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 08-07-20 Tested on: 09-07-20 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
		4	6	2020						
1		4	6	2020	6Diax12	14	28.28	45	3570	Non Engraved
2										
3										
4										
5										
6										
7										
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11										
12										
13										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

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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

10278

To: Mujib ur Rehman (Principal Architect)
Sustainable Design Solutions, Lahore
Project: 34-CCA Commercial at Phase-6, DHA, Lahore (Second Floor Slab)

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 391 Dated: 10-07-20

Your Ref. No. SDS-1262019-05 Dated: 07-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 08-07-20 Tested on: 09-07-20 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		4	6	2020	6Diax12	14	28.28	33	2620	Non Engraved
2										
3										
4										
5										
6										
7										
8										
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11										
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13										
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16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departament?RID=testing_reports&id=6

* as engraved on the specimens (if any)

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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

10280

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/

392

Dated:

10-07-20

Your Ref. No.

P-156-121

Dated:

08-07-20

COMPRESSION TEST REPORT

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

Specimens received on:

08-07-20

Tested on:

09-07-20

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	476 (3000 Psi)	10	6	2020	6Diax12	13.2	28.28	35	2780	Non Engraved
2	478 (3000 Psi)	10	6	2020	6Diax12	13.6	28.28	33	2620	Non Engraved
3										
4										
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Results can also be seen on website 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"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



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

10281

Dr. Mazhar Saleem

To: Muhammad Essa (Chief Financial Officer)
Markhor Developers (Pvt.) Ltd. Lahore (Tetra Engineering Pvt. Ltd.)
Project: Construction of 75-Shadman-I, Lahore (Column and Sher Wall)

Our Ref. No. CL/CED/ 393 Dated: 10-07-20

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

COMPRESSION TEST REPORT

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

Specimens received on: 09-07-20 Tested on: 09-07-20 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	(6000 Psi)	6	6	2020	6Diax12	14.1	28.28	69	5470	Non Engraved
2	(6000 Psi)	6	6	2020	6Diax12	14.1	28.28	69	5470	Non Engraved
3	(6000 Psi)	6	6	2020	6Diax12	15	28.28	114	9030	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing_reports&id=6

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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

10281

Dr. Mazhar Saleem

To: Muhammad Essa (Chief Financial Officer)
Markhor Developers (Pvt.) Ltd. Lahore (Tetra Engineering Pvt. Ltd.)
Project: Construction of 75-Shadman-I, Lahore (Ground Floor Slab)

Our Ref. No. CL/CED/ 394 Dated: 10-07-20

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

COMPRESSION TEST REPORT

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

Specimens received on: 09-07-20 Tested on: 09-07-20 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	(3000 Psi)	30	6	2020	6Diax12	14	28.28	43	3410	Non Engraved
2	(3000 Psi)	30	6	2020	6Diax12	14	28.28	45	3570	Non Engraved
3	(3000 Psi)	30	6	2020	6Diax12	13.4	28.28	41	3250	Non Engraved
4										
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16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

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**** 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