



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

586
Engr. Ubaid

To: Mr. Iftikhar Saleem
Lahore
Project: Nil

Our Ref. No. CL/CED/ 2030 Dated: 11-02-21
Your Ref. No. Nil Dated: 01-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 01-02-21 Tested on: 10-02-21 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	ABC				8.7x4.2x2.8	2690	36.54	45	2760	
2	ABC				8.7x4.1x2.7	2647	35.67	49	3080	
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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

589

To: Mr. Muhammad Farooq Ashraf (Resident Engineer)

Engr. Ubaid

Metroplan-Asian Consulting Engineers (Pvt.) Ltd. (M/s Nexus A&C JV)

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

Our Ref. No. CL/CED/

2031

Dated:

11-02-21

Your Ref. No.

MetroplanAsianJV-
Nexus-MMCH-RE-700

Dated:

20-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 01-02-21 Tested on: 09-02-21 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	Kerb Stone		6.0x5.9x6.5	8.6	35.4	55	3480	Cut Cube
2	Kerb Stone		6.0x6.0x6.5	8.6	36	61	3800	Cut Cube
3	Kerb Stone		6.0x5.9x6.5	8.8	35.4	41	2600	Cut Cube
4	Kerb Stone		6.0x6.0x6.5	8.8	36	64	3990	Cut Cube
5	Kerb Stone		6.0x5.9x6.5	8.6	35.4	63	3990	Cut Cube
6	Kerb Stone		6.0x6.0x6.5	9	36	60	3740	Cut Cube
7								
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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

589

To: **Mr. Muhammad Farooq Ashraf (Resident Engineer)**

Dr. Mazhar Saleem

Metroplan-Asian Consulting Engineers (Pvt.) Ltd. (M/s Nexus A&C JV)

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

Our Ref. No. CL/CED/ 2032 Dated: 11-02-21

Your Ref. No. MetroplanAsianJV- Nexus-MMCH-RE-663 Dated: 02-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 01-02-21 Tested on: 04-02-21 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	Lab # 397 (Lab Cured)	10	12	2020	6Diax12	14	28.28	83	6580	Non Engraved
2	Lab # 397 (Lab Cured)	10	12	2020	6Diax12	14	28.28	86	6820	Non Engraved
3	Lab # 397 (Lab Cured)	10	12	2020	6Diax12	14	28.28	90	7130	Non Engraved
4	Lab # 397 (Field Cured)	10	12	2020	6Diax12	14	28.28	61	4840	Non Engraved
5	Lab # 397 (Field Cured)	10	12	2020	6Diax12	14	28.28	75	5950	Non Engraved
6	Lab # 397 (Field Cured)	10	12	2020	6Diax12	14	28.28	83	6580	Non Engraved
7	Lab # 396 (Lab Cured)	10	12	2020	6Diax12	14	28.28	57	4520	Non Engraved
8	Lab # 396 (Lab Cured)	10	12	2020	6Diax12	14	28.28	79	6260	Non Engraved
9	Lab # 396 (Lab Cured)	10	12	2020	6Diax12	14	28.28	94	7450	Non Engraved
10	Lab # 396 (Field Cured)	10	12	2020	6Diax12	14	28.28	79	6260	Non Engraved
11	Lab # 396 (Field Cured)	10	12	2020	6Diax12	14	28.28	81	6420	Non Engraved
12	Lab # 396 (Field Cured)	10	12	2020	6Diax12	14	28.28	86	6820	Non Engraved
13										
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15										
16										

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

589

To: Mr. Muhammad Farooq Ashraf (Resident Engineer) Dr. Mazhar Saleem
Metroplan-Asian Consulting Engineers (Pvt.) Ltd. (M/s Nexus A&C JV)
Project: Resident Construction Supervision for Establishment of 200 Bedded Mother & Child Hospital and Nursing College, District Mianwali.

Our Ref. No. CL/CED/ 2033 Dated: 11-02-21

Your Ref. No. MetroplanAsianJV- Nexus-MMCH-RE706 Dated: 22-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 01-02-21 Tested on: 04-02-21 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
		Day	Month	Year						
1	Lab # 424 (Lab Cured)	28	12	2020	6Diax12	14	28.28	79	6260	Non Engraved
2	Lab # 424 (Lab Cured)	28	12	2020	6Diax12	14	28.28	73	5790	Non Engraved
3	Lab # 424 (Lab Cured)	28	12	2020	6Diax12	13.8	28.28	75	5950	Non Engraved
4	Lab # 424 (Field Cured)	28	12	2020	6Diax12	14	28.28	63	4990	Non Engraved
5	Lab # 424 (Field Cured)	28	12	2020	6Diax12	14	28.28	73	5790	Non Engraved
6	Lab # 424 (Field Cured)	28	12	2020	6Diax12	14	28.28	57	4520	Non Engraved
7	Lab # 427 (Lab Cured)	30	12	2020	6Diax12	13.8	28.28	69	5470	Non Engraved
8	Lab # 427 (Lab Cured)	30	12	2020	6Diax12	14	28.28	41	3250	Non Engraved
9	Lab # 427 (Lab Cured)	30	12	2020	6Diax12	13.8	28.28	57	4520	Non Engraved
10	Lab # 427 (Field Cured)	30	12	2020	6Diax12	14	28.28	75	5950	Non Engraved
11	Lab # 427 (Field Cured)	30	12	2020	6Diax12	14	28.28	75	5950	Non Engraved
12	Lab # 427 (Field Cured)	30	12	2020	6Diax12	14	28.28	86	6820	Non Engraved
13										
14										
15										
16										

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** 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

649

Dr. Umbreen

To: **Mr. M Furqan (Project Manager)**
CM Engineering (Pvt.) Ltd. Lahore
Project: Long Haul, Site ID-8695, Roof Slab

Our Ref. No. CL/CED/ 2034 Dated: 11-02-21

Your Ref. No. CME/Cubes/LongHaul/797 Dated: 09-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-02-21 Tested on: 10-02-21 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 : 1.5 : 3)	12	12	2020	6x6x6	8.6	36	81	5040	Non Engraved
2	(1 : 1.5 : 3)	12	12	2020	6x6x6	8.2	36	65	4050	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

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

649

Dr. Umbreen

To: **Mr. M Furqan (Project Manager)**
CM Engineering (Pvt.) Ltd. Lahore
Project: Long Haul, Site ID-8109, ODU Pad / Plinth Beam

Our Ref. No. CL/CED/ 2035 Dated: 11-02-21

Your Ref. No. CME/Cubes/LongHaul/798 Dated: 02-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-02-21 Tested on: 10-02-21 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 : 1.5 : 3)	5	12	2020	6x6x6	8.6	36	88	5480	Non Engraved
2	(1 : 1.5 : 3)	5	12	2020	6x6x6	9	36	94	5850	Non Engraved
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* 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

649

Dr. Umbreen

To: Mr. M Furqan (Project Manager)
CM Engineering (Pvt.) Ltd. Lahore
Project: Long Haul, Site ID-8098, ODU Pad / Plinth Beam

Our Ref. No. CL/CED/ 2036 Dated: 11-02-21

Your Ref. No. CME/Cubes/LongHaul/800 Dated: 05-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-02-21 Tested on: 10-02-21 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 : 1.5 : 3)	8	12	2020	6x6x6	8.6	36	78	4860	Non Engraved
2	(1 : 1.5 : 3)	8	12	2020	6x6x6	9	36	86	5360	Non Engraved
3										
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16										

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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

649

Dr. Umbreen

To: Mr. M Furqan (Project Manager)
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK, Site ID-52846, Drill Pier / BTS Pad

Our Ref. No. CL/CED/ 2037 Dated: 11-02-21

Your Ref. No. CME/Cubes/CMPAK/812 Dated: 08-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-02-21 Tested on: 10-02-21 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 : 1.5 : 3)	11	1	2021	6x6x6	8.8	36	104	6480	Non Engraved
2	(1 : 1.5 : 3)	11	1	2021	6x6x6	9	36	94	5850	Non Engraved
3										
4										
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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

649

To: **Mr. M Furqan (Project Manager)**
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK, Site ID-52834, Complete Foundation

Dr. Umbreen

Our Ref. No. CL/CED/ 2038 Dated: 11-02-21

Your Ref. No. CME/Cubes/CMPAK/811 Dated: 09-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-02-21 Tested on: 10-02-21 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 : 1.5 : 3)	12	1	2021	6x6x6	8.8	36	73	4550	Non Engraved
2	(1 : 1.5 : 3)	12	1	2021	6x6x6	8.6	36	88	5480	Non Engraved
3										
4										
5										
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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

649

Dr. Umbreen

To: **Mr. Imran Akhtar (Project Manager)**
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK, Site ID-42943, Pier Foundation

Our Ref. No. CL/CED/ 2039 Dated: 11-02-21

Your Ref. No. CME/Cubes/CMPAK/813 Dated: 09-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-02-21 Tested on: 10-02-21 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 : 1.5 : 3)	2	2	2021	6x6x6	8.6	36	69	4300	Non Engraved
2	(1 : 1.5 : 3)	2	2	2021	6x6x6	8.6	36	73	4550	Non Engraved
3										
4										
5										
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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

649

Dr. Umbreen

To: **Mr. Imran Akhtar (Project Manager)**
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK, Site ID-42915, Pier Foundation

Our Ref. No. CL/CED/ 2040 Dated: 11-02-21

Your Ref. No. CME/Cubes/CMPAK/814 Dated: 01-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-02-21 Tested on: 10-02-21 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 : 1.5 : 3)	25	1	2021	6x6x6	9	36	83	5170	Non Engraved
2	(1 : 1.5 : 3)	25	1	2021	6x6x6	8.8	36	79	4920	Non Engraved
3										
4										
5										
6										
7										
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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

629

To: **Mr. Azam Wahab (Construction Manager)**

Engr. Ubaid

AKUNZADA Associates (Pvt.) Ltd.

Project: Construction of 01 No of 3 Storey Building in Sheikhpura in Punjab Province Pakistan.

Our Ref. No. CL/CED/ 2041 Dated: 11-02-21

Your Ref. No. AA/UNOPS/UET/0 Dated: 05-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 01-02-21 Tested on: 09-02-21 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	Roof Slab	26	1	2021	6Diax12	14	28.28	35	2780	Engraved
2	Roof Slab	26	1	2021	6Diax12	14	28.28	37	2940	Engraved
3	Roof Slab	26	1	2021	6Diax12	14	28.28	33	2620	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/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

590

Engr.Ubaid

To: **Mr. Khalid Bashir**
Ittefaq Building Solution (Pvt.) Ltd. Lahore.
Project: Raft Foundation at MecDonalds DHA Rehbar, Lahore.

Our Ref. No. CL/CED/ 2042 Dated: 11-02-21

Your Ref. No. IBS/Mcdonald DHA/
Rehbar/CSRAFT28 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 01-02-21 Tested on: 09-02-21 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	Raaf Foundation	2	1	2021	6Diax12	14	28.28	89	7050	Non Engraved
2	Raaf Foundation	1	1	2021	6Diax12	14.2	28.28	38	3010	Non Engraved
3										
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/department?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

637
Engr. Ubaid

To: **ICON Developers.**
Lahore. (M/s Bank AL Habib)
Project: BAH Wapada Town, Gujrawala.

Our Ref. No. CL/CED/ 2043 Dated: 11-02-21

Your Ref. No. Nil Dated: 03-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 08-02-21 Tested on: 09-02-21 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	First Floor Slab (1:2:4) 3000 Psi	29	12	2020	6Diax12	13.2	28.28	68	5390	Non Engraved
2	First Floor Slab (1:2:4) 3000 Psi	29	12	2020	6Diax12	14	28.28	73	5790	Non Engraved
3	First Floor Slab (1:2:4) 3000 Psi	29	12	2020	6Diax12	14	28.28	71	5630	Non Engraved
4										
5										
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14										
15										
16										

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

634
Engr. Ubaid

To: Eastern Daries (Pvt.) Ltd.
2.5 - Km Raiwind Manga Road Lahore.
Project: Construction of Maize Silo

Our Ref. No. CL/CED/ 2044 Dated: 11-02-21

Your Ref. No. H:/USR/C-A-1/EDL/P/019 Dated: 08-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 08-02-21 Tested on: 09-02-21 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		29	12	2020	6x6x6	9	36	140	8720	Engraved
2										
3										
4										
5										
6										
7										
8										
9										
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11										
12										
13										
14										
15										
16										

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

640

Engr. Ubaid

To: Deputy Director Engineering

Sec I&II, Package -1, LOLMTP, LDA, Lahore.

Project: Construction of Baghbanpura Police Station GT Road, Lahore. (Lahore Orange Line Metro Train Project. Package-1) (M/s Awais International)

Our Ref. No. CL/CED/

2045

Dated:

11-02-21

Your Ref. No.

DD/PKG/-
1/LOLMTP/LDA/11

Dated:

03-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 08-02-21 Tested on: 09-02-21 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	Basement Roof Slab	20	1	21	6x6x6	9	36	35	2180	Engraved
2	Basement Roof Slab	20	1	21	6x6x6	9.2	36	37	2310	Engraved
3	Basement Roof Slab	20	1	21	6x6x6	9	36	46	2870	Engraved
4										
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14										
15										
16										

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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

668

To: **Syed Mustafa Ali (Sr. Manager Coordination)**

Engr. Ubaid

Izhar construction (Pvt.) Ltd

Project: Construction of Mill Building & Cotton GODOWNS at Nishat Mills Limited, SAHIANWALA, Faisalabad.

Our Ref. No. CL/CED/

2046

Dated:

11-02-21

Your Ref. No.

ICPLI/const-
NMLI/21/011

Dated:

11-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-02-21 Tested on: 11-02-21 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	Lab # 32 (1)	3	1	21	6x6x6	9	36	100	6230	Non Engraved
2	Lab # 32 (2)	3	1	21	6x6x6	9	36	108	6720	Non Engraved
3	Lab # 32 (3)	3	1	21	6x6x6	9	36	104	6480	Non Engraved
4										
5										
6										
7										
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12										
13										
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15										
16										

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

668

Engr.Ubaid

To: **Syed Mustafa Ali (Sr. Manager Coordination)**

Izhar construction (Pvt.) Ltd

Project: Construction of Mill Building & Cotton GODOWNS at Nishat Mills Limited, SAHIANWALA, Faisalabad.

Our Ref. No. CL/CED/

2047

Dated:

11-02-21

Your Ref. No.

ICPLI/const/-
NMLI/21/012

Dated:

11-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-02-21 Tested on: 11-02-21 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	Lab # 33 (1)	3	1	21	6x6x6	9.6	36	92	5730	Non Engraved
2	Lab # 33 (2)	3	1	21	6x6x6	9	36	102	6350	Non Engraved
3	Lab # 33 (3)	3	1	21	6x6x6	9.2	36	68	4240	Non Engraved
4										
5										
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9										
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12										
13										
14										
15										
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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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

668

Engr.Ubaid

To: **Syed Mustafa Ali (Sr. Manager Coordination)**

Izhar construction (Pvt.) Ltd

Project: Construction of Mill Building & Cotton GODOWNS at Nishat Mills Limited, SAHIANWALA, Faisalabad.

Our Ref. No. CL/CED/

2048

Dated:

11-02-21

Your Ref. No.

ICPLI/const-
NMLI/21/013

Dated:

11-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-02-21 Tested on: 11-02-21 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	Lab # 34 (1)	3	2	21	6x6x6	9	36	74	4610	Non Engraved
2	Lab # 34 (2)	3	2	21	6x6x6	9	36	86	5360	Non Engraved
3	Lab # 34 (3)	3	2	21	6x6x6	9	36	67	4170	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/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

630

Engr. Ubaid

To: Assistant Municipal Officer (I&S)
Municipal Committee Bhalwal
Project: Rehabilitation / Repair of Road, Post Office Road Bhalwal

Our Ref. No. CL/CED/ 2049 Dated: 11-02-21

Your Ref. No. 36/MC/BHL Dated: 04-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 08-02-21 Tested on: 11-02-21 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		7.8x3.8x3.1	3749	29.64	112	8470	
2	Rectangular Grey		7.8x3.8x3.1	3775	29.64	121	9150	
3	Rectangular Grey		7.8x3.8x3.1	3731	29.64	123	9300	
4	Rectangular Grey		7.8x3.8x3.1	3616	29.64	108	8170	
5	Rectangular Grey		7.8x3.8x3.1	3665	29.64	108	8170	
6	Rectangular Grey		7.8x3.8x3.1	3674	29.64	103	7790	
7	Rectangular Grey		7.8x3.8x3.1	3740	29.64	105	7940	
8	Rectangular Grey		7.8x3.8x3.1	3704	29.64	122	9220	
9	Rectangular Grey		7.8x3.8x3.1	3749	29.64	116	8770	
10	Rectangular Grey		7.8x3.8x3.1	3692	29.64	108	8170	
11	Rectangular Grey		7.8x3.8x3.1	3770	29.64	127	9600	
12	Rectangular Grey		7.8x3.8x3.1	3649	29.64	125	9450	
13	Rectangular Grey		7.8x3.8x3.1	3696	29.64	96	7260	
14	Rectangular Grey		7.8x3.8x3.1	3717	29.64	117	8850	
15	Rectangular Grey		7.8x3.8x3.1	3813	29.64	128	9680	
16	Rectangular Grey		7.8x3.8x3.1	3604	29.64	120	9070	

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

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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

615

Dr. Umbreen

To: **M/s AB Contractor**
Walton Lahore Cantt.

Project: Construction of MCB Bank Pattoki (RCC Column Groud Floor)

Our Ref. No. CL/CED/ 2050 Dated: 11-02-21

Your Ref. No. ABC/2021/03-2 Dated: 03-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-21 Tested on: 09-02-21 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		18	11	2020	6Diax12	13.2	28.28	39	3090	Engraved
2		18	11	2020	6Diax12	13	28.28	67	5310	Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
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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

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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

615

Dr. Umbreen

To: **M/s AB Contractor**
Walton Lahore Cantt.

Project: Construction of MCB Bank Pattoki (RCC Column Groud Floor)

Our Ref. No. CL/CED/ 2051 Dated: 11-02-21

Your Ref. No. ABC/2021/03-1 Dated: 03-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-21 Tested on: 09-02-21 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	11	2020	6Diax12	13	28.28	35	2780	Engraved
2		21	11	2020	6Diax12	13	28.28	59	4680	Engraved
3										
4										
5										
6										
7										
8										
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11										
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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

615
Dr. Umbreen

To: M/s AB Contractor
Walton Lahore Cantt.
Project: Construction of MCB Bank Pattoki (RCC Slab)

Our Ref. No. CL/CED/ 2052 Dated: 11-02-21

Your Ref. No. ABC/2021/03-3 Dated: 03-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-21 Tested on: 09-02-21 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		8	12	2020	6Diax12	14	28.28	47	3730	Engraved
2		8	12	2020	6Diax12	13.4	28.28	43	3410	Engraved
3										
4										
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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

633

Engr. Ubaid

To: Dr. Asif Hussain
Plot # 89 Sector Z Phase VIII DHA, Lahore
Project: Plot # 89 Sector Z Phase VIII DHA, Lahore

Our Ref. No. CL/CED/ 2053 Dated: 11-02-21

Your Ref. No. Nil Dated: 12-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 08-02-21 Tested on: 09-02-21 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		12	1	2021	6Diax12	13.6	28.28	31	2460	Non Engraved
2		12	1	2021	6Diax12	14	28.28	30	2380	Non Engraved
3		12	1	2021	6Diax12	13.6	28.28	30	2380	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
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14										
15										
16										

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