



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

9214
Dr. Umbreen

To: Waqas Asif, Director
Icon Construction Services. 137-J 1, Johar Town, Lahore.
Project: Nil

Our Ref. No. CL/CED/ 8921 Dated: 24-09-19

Your Ref. No. Nil Dated: 20-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 20-09-19 Tested on: 23-09-19 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)	30	8	2019	6Diax12	13.8	28.28	48	3750	Engraved
2	(1:1.5:3)	30	8	2019	6Diax12	13.2	28.28	64	4990	Engraved
3	(1:1.5:3)	30	8	2019	6Diax12	13.4	28.28	37	2890	Engraved
4	(1:2:4)	5	9	2019	6Diax12	13.4	28.28	40	3120	Engraved
5	(1:2:4)	5	9	2019	6Diax12	13.6	28.28	46	3590	Engraved
6	(1:2:4)	5	9	2019	6Diax12	13.6	28.28	52	4060	Engraved
7										
8										
9										
10										
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

* 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

9173

Dr. Umbreen

To: M. Kashif Mufty, D.G.M Civil.
For Nishat Hotel & Properties Limited.
Project: Nishat NBH Gulberg Lahore.

Our Ref. No. CL/CED/ 8922 Dated: 24-09-19

Your Ref. No. NHPL/NBH/ITFQ/CONC/09 Dated: 06-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-09-19 Tested on: 23-09-19 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	5th F. Beam G-GY/4~6	6	8	2019	6Diax12	14	28.28	70	5460	Non Engraved
2	5th F. Beam G-GY/4~6	6	8	2019	6Diax12	13.8	28.28	69	5380	Non Engraved
3	5th F. Beam G-GY/4~6	6	8	2019	6Diax12	14	28.28	62	4840	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

* 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

9173

Dr. Umbreen

To: M. Kashif Mufty, D.G.M Civil.
For Nishat Hotel & Properties Limited.
Project: Nishat NBH Gulberg Lahore.

Our Ref. No. CL/CED/ 8923 Dated: 24-09-19

Your Ref. No. NHPL/NBH/ITFQ/CONC/11 Dated: 06-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-09-19 Tested on: 23-09-19 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	GF Slab G~GY/7~8	4	8	2019	6Diax12	13.8	28.28	50	3900	Non Engraved
2	GF Slab G~GY/7~8	4	8	2019	6Diax12	14	28.28	58	4520	Non Engraved
3	GF Slab G~GY/7~8	4	8	2019	6Diax12	13.8	29.28	53	3990	Non Engraved
4	5th F. Beam G~GY/1~3	4	8	2019	6Diax12	14	28.28	64	4990	Non Engraved
5	5th F. Beam G~GY/1~3	4	8	2019	6Diax12	14	28.28	62	4840	Non Engraved
6	5th F. Beam G~GY/1~3	4	8	2019	6Diax12	14.2	28.28	67	5230	Non Engraved
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

9173
Dr. Umbreen

To: M. Kashif Mufty, D.G.M Civil.
For Nishat Hotel & Properties Limited.
Project: Nishat NBH Gulberg Lahore.

Our Ref. No. CL/CED/ 8924 Dated: 24-09-19
Your Ref. No. NHPL/NBH/ITFQ/CONC/10 Dated: 06-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-09-19 Tested on: 23-09-19 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	5th F. Beam G-GY/7~8	8	8	2019	6Diax12	14	28.28	68	5300	Non Engraved
2	5th F. Beam G-GY/7~8	8	8	2019	6Diax12	14.2	28.28	46	3590	Non Engraved
3	5th F. Beam G-GY/7~8	8	8	2019	6Diax12	14.2	29.28	76	5730	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

* 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

9161
Dr. Umbreen

To: **Engr. Ghulam Sarwar, Resident Engineer**

Velosi Integrity & Safety Pakistan (Pvt) Ltd. (M/S Railcop Company).

Project: Renovation and Upgradation of Lahore Railway Station Pakistan Railways. Central Longitudinal Beam Room# (13 to 19) Platform#4.

Our Ref. No. CL/CED/ 8925 Dated: 24-09-19

Your Ref. No. V84-L-RC-21 Dated: 03-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 05-09-19 Tested on: 23-09-19 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		6	8	2019	6Diax12	14	28.28	59	4600	Non Engraved
2		6	8	2019	6Diax12	13.8	28.28	56	4370	Non Engraved
3		6	8	2019	6Diax12	13.4	28.28	65	5070	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

* 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

9164

Dr. Umbreen

To: Engr. M. Qasim Saeed
Al Hafeez Group, Lahore
Project: Abdul Kabir Plaza Gulberg-III, Lahore.

Our Ref. No. CL/CED/ 8926 Dated: 24-09-19

Your Ref. No. Nil Dated: 05-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 05-09-19 Tested on: 23-09-19 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	29	7	2019	6Diax12	13.2	28.28	57	4450	Non Engraved
2	Column	29	7	2019	6Diax12	13.8	28.28	69	5380	Non Engraved
3	Column	29	7	2019	6Diax12	13.8	28.28	32	2500	Non Engraved
4	Column	5	8	2019	6Diax12	14	28.28	55	4290	Non Engraved
5	Column	5	8	2019	6Diax12	13.6	28.28	68	5300	Non Engraved
6	Column	5	8	2019	6Diax12	13.4	28.28	57	4450	Non Engraved
7										
8										
9										
10										
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

* 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

9196

Dr. Umbreen

To: (Engr. Muhammad Nayab Khalid), Planning & Monitoring Engineer.
Matrix Management (Pvt) Ltd.
Project: Construction of an Office Building Kot Lakhpat, Lahore.

Our Ref. No. CL/CED/ 8927 Dated: 24-09-19

Your Ref. No. MW/MMPL-1/2019/13 Dated: 17-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-09-19 Tested on: 23-09-19 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	(1:2:4)	5	9	2019	6Diax12	14.4	28.28	40	3120	Engraved
2	(1:2:4)	5	9	2019	6Diax12	14	28.28	41	3200	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/departments?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

9189

Dr. Umbreen

To: (Muhammad Umair Aslam), Deputy Manager (Technical)
o/o Project Director (HVDC) NTDC Lahore. (M/s Khan Co., Faisalabad Contractor).
Project: Construction of 15 Nos. Security Watch Towers at HVDC C/S Head Balloki.

Our Ref. No. CL/CED/ 8928 Dated: 24-09-19

Your Ref. No. 1798-1803/PD/HVDC/NTDC/NTDC/LHR Dated: 16-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 16-09-19 Tested on: 23-09-19 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	T1	18	8	2019	6Diax12	13.4	28.28	39	3040	Non Engraved
2	T1	18	8	2019	6Diax12	14	28.28	58	4520	Non Engraved
3	T2	16	8	2019	6Diax12	13.6	28.28	84	6550	Non Engraved
4	T2	16	8	2019	6Diax12	13.2	28.28	50	3900	Non Engraved
5	T3	16	8	2019	6Diax12	13.8	28.28	65	5070	Non Engraved
6	T3	16	8	2019	6Diax12	13.8	28.28	61	4760	Non Engraved
7	T9	19	8	2019	6Diax12	13.4	28.28	81	6320	Non Engraved
8	T9	19	8	2019	6Diax12	13.4	28.28	80	6240	Non Engraved
9	T10	11	8	2019	6Diax12	13.8	28.28	85	6630	Non Engraved
10	T10	11	8	2019	6Diax12	13.8	28.28	34	2650	Non Engraved
11	T11	17	8	2019	6Diax12	13.4	28.28	57	4450	Non Engraved
12	T11	17	8	2019	6Diax12	13	28.28	78	6080	Non Engraved
13	T12	17	8	2019	6Diax12	13.6	28.28	98	7640	Non Engraved
14	T12	17	8	2019	6Diax12	13.6	28.28	90	7020	Non Engraved
15	T13	10	8	2019	6Diax12	13.8	28.28	64	4990	Non Engraved
16	T13	10	8	2019	6Diax12	13.4	28.28	84	6550	Non Engraved

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