



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

138

To: **Muhammad Zain-UI-Abadeen (Assistant Resident Engineer)**

Engr. Ubaid

E&PHE Div., Nespak (Pvt.) Ltd. Lahore

Project: Strom Water Drainage From Haji Camp to River Ravi Via Lakshami Chowk, Mcleod Road, Nabha Road, Chuburji and Sham Nagar, Lahore (Package-II)

Our Ref. No. CL/CED/

1224

Dated:

23-11-20

Your Ref. No.

3882/11/MZA/01/227

Dated:

13-11-20

COMPRESSION TEST REPORT

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

Specimens received on:

16-11-20

Tested on:

19-11-20

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	No-161-168 (4000 Psi)	6	11	2020	6Diax12	14	28.28	53	4200	Non Engraved
2	No-161-168 (4000 Psi)	6	11	2020	6Diax12	14.2	28.28	71	5630	Non Engraved
3	No-161-168 (4000 Psi)	6	11	2020	6Diax12	14	28.28	71	5630	Non Engraved
4	No. 09-16 (4000 Psi)	16	10	2020	6Diax12	14	28.28	62	4920	Non Engraved
5	No. 09-16 (4000 Psi)	16	10	2020	6Diax12	14	28.28	60	4760	Non Engraved
6	No. 09-16 (4000 Psi)	16	10	2020	6Diax12	14	28.28	65	5150	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

138

To: Muhammad Zain-UI-Abadeen (Assistant Resident Engineer)

Engr. Ubaid

E&PHE Div., Nespak (Pvt.) Ltd. Lahore

Project: Storm Water Drainage From Haji Camp to River Ravi Via Lakshami Chowk, Mcleod Road, Nabha Road, Chuburji and Sham Nagar, Lahore (Package-II)

Our Ref. No. CL/CED/

1225

Dated:

23-11-20

Your Ref. No.

3882/11/MZA/01/229

Dated:

15-11-20

COMPRESSION TEST REPORT

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

Specimens received on:

16-11-20

Tested on:

19-11-20

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	No-177-184 (4000 Psi)	8	11	2020	6Diax12	13.8	28.28	49	3890	Non Engraved
2	No-177-184 (4000 Psi)	8	11	2020	6Diax12	13.8	28.28	59	4680	Non Engraved
3	No-177-184 (4000 Psi)	8	11	2020	6Diax12	13.8	28.28	53	4200	Non Engraved
4	No. 25-32 (4000 Psi)	18	10	2020	6Diax12	13.4	28.28	53	4200	Non Engraved
5	No. 25-32 (4000 Psi)	18	10	2020	6Diax12	14	28.28	49	3890	Non Engraved
6	No. 25-32 (4000 Psi)	18	10	2020	6Diax12	13.6	28.28	47	3730	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

138

To: **Muhammad Zain-UI-Abadeen (Assistant Resident Engineer)**

Engr. Ubaid

E&PHE Div., Nespak (Pvt.) Ltd. Lahore

Project: Strom Water Drainage From Haji Camp to River Ravi Via Lakshami Chowk, Mcleod Road, Nabha Road, Chuburji and Sham Nagar, Lahore (Package-II)

Our Ref. No. CL/CED/ 1226 Dated: 23-11-20

Your Ref. No. 3882/11/MZA/01/230 Dated: 16-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 16-11-20 Tested on: 19-11-20 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	No-185-192 (4000 Psi)	9	11	2020	6Diax12	14.6	28.28	91	7210	Non Engraved
2	No-185-192 (4000 Psi)	9	11	2020	6Diax12	14.4	28.28	85	6740	Non Engraved
3	No-185-192 (4000 Psi)	9	11	2020	6Diax12	14.2	28.28	80	6340	Non Engraved
4	No. 33-40 (4000 Psi)	19	10	2020	6Diax12	14.6	28.28	63	4990	Non Engraved
5	No. 33-40 (4000 Psi)	19	10	2020	6Diax12	14	28.28	61	4840	Non Engraved
6	No. 33-40 (4000 Psi)	19	10	2020	6Diax12	14.4	28.28	63	4990	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

103

To: Engr. Muhammad Salman (Assistant Resident Engineer)

Dr. Umbreen

M/s AR Engineers

Project: Construction of Jewel-1 Apartment Plaza at Gulberg-3, Lahore

Our Ref. No. CL/CED/

1227

Dated:

23-11-20

Your Ref. No.

ARST-006

Dated:

06-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-11-20 Tested on: 20-11-20 in dry/wet condition

Sr. No.	Mark*	Casting Date* Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	Machine Made (B 01)		9.0x4.3x2.8	3178	38.7	45	2610	
2	Machine Made (B 02)		8.8x4.3x2.8	2820	37.84	33	1960	
3	Machine Made (B 03)		8.8x4.3x2.8	2987	37.84	43	2550	
4	Machine Made (B 04)		8.8x4.4x2.9	3111	38.72	43	2490	
5	Machine Made (B 05)		8.9x4.2x2.8	2954	37.38	35	2100	
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

113

Dr.Mazhar Saleem

To: Saad Nazir (Manager)
ASM Builders, Lahore
Project: Nil

Our Ref. No. CL/CED/ 1228 Dated: 23-11-20
Your Ref. No. ASM/BST/20 Dated: 10-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 10-11-20 Tested on: 23-11-20 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	R		8.8x4.4x3.0	3379	38.72	73	4230	
2	R		8.9x4.4x3.0	3483	39.16	41	2350	
3	R		9.0x4.5x3.1	3559	40.5	49	2710	
4	R		8.9x4.4x2.9	3291	39.16	35	2010	
5	R		8.7x4.1x2.8	3173	35.67	37	2330	
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

110

To: **Municipal Officer (Infrastructure)**
Municipal Committee, Vehari

Dr.Mazhar Saleem

Project: Rehabilitation of Municipal Services Infrastructure City Vehari (Group A Rehabilitation Work)

Our Ref. No. CL/CED/ 1229 Dated: 23-11-20

Your Ref. No. 78/MO(I)/MC(VR) Dated: 31-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-11-20 Tested on: 23-11-20 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	3 5		8.5x4.1x2.7	2912	34.85	75	4830	
2	3 5		8.7x4.1x2.7	2998	35.67	116	7290	
3	3 5		8.6x4.1x2.7	2948	35.26	98	6230	
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/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

168

To: **Site Incharge EEPL**
Elite Engineering (Pvt.) Ltd.
Project: Development of Pipeline Link for PMG Installation at Mehmoodkot

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 1230 Dated: 23-11-20

Your Ref. No. Nil Dated: 23-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-11-20 Tested on: 23-11-20 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	Pipeline Sleeper Footing	28	9	2020	6Diax12	13.6	28.28	61	4840	Non Engraved
2	Pipeline Sleeper Footing	28	9	2020	6Diax12	13.6	28.28	59	4680	Non Engraved
3	Pipeline Sleeper Footing	30	9	2020	6Diax12	13.6	28.28	57	4520	Non Engraved
4	Pipeline Sleeper Footing	30	9	2020	6Diax12	13.4	28.28	63	4990	Non Engraved
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

106

Dr. Mazhar Saleem

To: **Mudassar Iqbal (Manager QC)**
Country Developers (Pvt.) Ltd.
Project: Punjab Group of Colleges (PGC)

Our Ref. No. CL/CED/ 1231 Dated: 23-11-20

Your Ref. No. Nil Dated: 06-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-11-20 Tested on: 23-11-20 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	A		8.8x4.2x2.9	3281	36.96	63	3820	
2	A		8.7x4.1x3.0	3286	35.67	57	3580	
3	SC		9.0x4.4x2.9	3436	39.6	25	1420	
4	SC		9.0x4.3x3.0	3481	38.7	19	1100	
5	BCC		9.0x4.5x2.9	3514	40.5	21	1170	
6	BCC		9.0x4.5x2.9	3550	40.5	21	1170	
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/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

100

To: Syed Yasir Ali (Resident Engineer)

Dr. Mazhar Saleem

CM Div., Nespak (Pvt.) Ltd. Lahore

Project: Establishment of U.E.T Lahore Sub Campus at Narowal, Construction of Innovation Centre, Auditorium and Jamia Masjid Central Plant Room

Our Ref. No. CL/CED/ 1232 Dated: 23-11-20

Your Ref. No. 3863/13/SYA/Labtesting/158 Dated: 04-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-11-20 Tested on: 23-11-20 in dry/wet condition

Sr. No.	Mark*	Casting Date* Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	RL		8.4x4.1x2.4	2537	34.44	65	4230	
2	RL		8.4x4.0x2.5	2562	33.6	88	5870	
3	RL		8.6x3.9x2.5	2701	33.54	63	4210	
4	RL		8.7x4.0x2.4	2732	34.8	59	3800	
5	RL		8.5x4.1x2.5	2578	34.85	65	4180	
6	RL		8.5x4.2x2.6	2604	35.7	59	3710	
7	RL		8.5x4.1x2.3	2587	34.85	69	4440	
8	RL		8.7x4.0x2.5	2679	34.8	61	3930	
9	RL		8.7x4.1x2.6	2668	35.67	57	3580	
10	RL		8.7x4.0x2.4	2674	34.8	63	4060	
11	RL		8.6x4.0x2.5	2648	34.4	51	3330	
12	RL		8.2x4.1x2.5	2708	33.62	57	3800	
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

118

To: **Muhammad Aslam (Manager C, R & M)**

Dr. Mazhar Saleem

Allied Bank Limited, Engineering Cell Multan

Project: Construction of Shah Rukn-E-Alam Branch, Multan (Women Theme & EQMS) (0249)

Our Ref. No. CL/CED/ 1233 Dated: 23-11-20

Your Ref. No. GHQ/S2/CRM/MA/2020/388 Dated: 09-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 11-11-20 Tested on: 23-11-20 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	1st Floor Columns	15	10	2020	6Diax12	14	28.28	57	4520	Non Engraved
2	1st Floor Columns	15	10	2020	6Diax12	13.8	28.28	57	4520	Non Engraved
3	1st Floor Columns	15	10	2020	6Diax12	14	28.28	65	5150	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/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

152

Dr.Mazhar Saleem

To: **Munawar Hussain (Director)**

MH Associates, Lahore

Project: Garrison Academy for Cambridge Studies Lahore Cantt.

Our Ref. No. CL/CED/ 1234 Dated: 23-11-20

Your Ref. No. Nil Dated: 18-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 18-11-20 Tested on: 23-11-20 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	7UP		8.8x4.3x3.0	3290	37.84	53	3140	
2	7UP		8.8x4.3x2.9	3282	37.84	59	3500	
3	7UP		8.7x4.4x2.9	3329	38.28	51	2990	
4	7UP		8.7x4.3x3.0	3350	37.84	57	3380	
5	7UP		8.7x4.2x2.9	3291	36.54	61	3740	
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

134

To: **Rashid Kamran (Resident Engineer)**
CM Div., Nespak (Pvt.) Ltd. Lahore
Project: Fabrication & Installation of Pedestrian Over Head Bridge in Front of U.E.T Gate # 3 Across G.T Road Lahore

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 1235 Dated: 23-11-20

Your Ref. No. 4047-R3/13/RK/1/0110 Dated: 11-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-11-20 Tested on: 23-11-20 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		14	9	2020	6Diax12	13.2	28.28	41	3250	Non Engraved
2		14	9	2020	6Diax12	14	28.28	37	2940	Non Engraved
3		14	9	2020	6Diax12	14	28.28	45	3570	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"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

134
Dr. Mazhar
Saleem

To: **Rashid Kamran (Resident Engineer)**

CM Div., Nespak (Pvt.) Ltd. Lahore

Project: Fabrication & Installation of Pedestrian Over Head Bridge in Front of U.E.T Gate # 3 Across G.T Road Lahore

Our Ref. No. CL/CED/ 1236 Dated: 23-11-20

Your Ref. No. 4047-R3/13/RK/1/0109 Dated: 11-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-11-20 Tested on: 23-11-20 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		13	10	2020	6Diax12	14.2	28.28	71	5630	Non Engraved
2		13	10	2020	6Diax12	14.2	28.28	86	6820	Non Engraved
3		13	10	2020	6Diax12	14	28.28	75	5950	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"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