



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

9398

Dr. Aqsa

To: Chief Cantonment Engineer
Walton Cantt. Board Lahore. (M/s Altaf Hussain & Sons)
Project: Construction of Cantt House Near Cimla Building Walton Cantt.

Our Ref. No. CL/CED/ 9248 Dated: 13-11-19

Your Ref. No. WC/CCE/12778 Dated: 22-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 25-10-19 Tested on: 12-11-19 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	512		8.8x4.3x2.8	2791	37.84	49	2910	
2	512		8.8x4.4x2.8	2829	38.72	35	2030	
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

* 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

9327
Dr. Aqsa

To: Engr. Tajammal Farooq (Resident Engineer, AZEA)
AZ Engineering Associates (M/s Ijaz Hussain & Co).
Project: Constt. of Scheme Pertaining to "Naya Pakistan Manzilyen Asan"(RAP) Phase-I for the Year 2018-19
Pertaining to Highway Circle Lahore (Distt. Nankana Sahib). Constt. of Road from Nankana Mangatanwala
Road to Pipal Wala Via Bangala Nabi Pur Dak Pindi Piran Length=13.20 Km

Our Ref. No. CL/CED/ 9249 Dated: 13-11-19
Your Ref. No. RE/LHR-90 Dated: 11-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 14-10-19 Tested on: 12-11-19 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	S-1		8.7x4.3x3.0	2591	37.41	48	2880	
2	S-1		8.8x4.4x2.9	2605	38.72	44	2550	
3	S-1		8.8x4.3x2.8	2585	37.84	46	2730	
4	S-1		8.7x4.4x3.0	2619	38.28	36	2110	
5	S-1		8.8x4.3x2.9	2631	37.84	46	2730	
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

9392

Dr. Aqsa

To: **Osama Hassan, Resident Engineer**

NESPAK (Pvt) Ltd. (M/S Khalid Rauf & Company).

Project: Construction of Infrastructure Development Works at LDA City Housing Scheme Phase-1 (Package # 3).

Our Ref. No. CL/CED/ 9250 Dated: 13-11-19

Your Ref. No. 4047/13/OH/03-KRC/17 Dated: 21-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-10-19 Tested on: 12-11-19 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	GB		8.8x4.3x2.8	2780	37.84	71	4210	
2	GB		8.8x4.4x2.9	2810	38.72	48	2780	
3	GB		8.8x4.4x2.9	2751	38.72	50	2900	
4	GB		8.8x4.3x2.8	2719	37.84	51	3020	
5	GB		8.8x4.4x2.8	2781	38.72	28	1620	
6	333		8.8x4.4x2.8	3019	38.72	34	1970	
7	333		8.8x4.3x2.8	2995	37.84	45	2670	
8	333		8.9x4.3x2.9	3065	38.27	23	1350	
9	333		8.8x4.4x2.9	2951	38.72	13	760	
10	333		8.9x4.4x2.8	2971	39.16	43	2460	
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

9400
Dr. Aqsa

To: **Sub Divisional Officer**

Buildings Sub Division No.6, Lahore.

Project: Additional / Alteration & Improvement Works in Office Buildings in Punjab Civil Secretariat Lahore (S&GAD & Old Health Block).

Our Ref. No. CL/CED/ 9251 Dated: 13-11-19

Your Ref. No. 116/Sd-6th Dated: 21-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 25-10-19 Tested on: 12-11-19 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	S-1		9.0x4.3x3.0	3541	38.7	39	2260	
2	S-1		9.0x4.4x3.0	3561	39.6	56	3170	
3	S-1		9.0x4.4x3.0	3549	39.6	35	1980	
4	S-1		9.0x4.4x3.0	3529	39.6	56	3170	
5	S-1		9.0x4.4x3.0	3559	39.6	61	3460	
6	S-1		9.0x4.4x3.0	3581	39.6	69	3910	
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

9381

Dr. Aqsa

To: (Rana Aadil Farooq), Deputy Director (QCD)

WASA, LDA, Lahore. (M/S Haji Nizakat Ali & Co.)

Project: Tender No. XEN (O&M)/GT/18-19/313 Improvement of Sewerage System in D-I Block Gulberg-III in Gulberg Sub Division WASA LDA Lahore.

Our Ref. No. CL/CED/

9252

Dated:

13-11-19

Your Ref. No.

QCD/1375-76

Dated:

18-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-10-19 Tested on: 12-11-19 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	AN		9.0x4.4x2.9	3424	39.6	54	3060	
2	AN		9.0x4.4x2.9	3426	39.6	40	2270	
3	AN		9.0x4.3x2.9	3451	38.7	44	2550	
4	AN		9.0x4.3x2.8	3429	38.7	55	3190	
5	AN		8.9x4.4x2.9	3463	39.16	35	2010	
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

9463

Dr. Aqsa

To: (Muhammad Armughan Khan), Executive Engineer GT,
WASA, LDA, Lahore. (M/s Pacon Internationals).

Project: Tender No. XEN P&S /25.01/ 6059/ No. 1730-35, Dated: 29-05-2019. Upgradation of Training Platform and its Equipments at WASA Training Center Gulshan-e-Ravi Sub Division, WASA, LDA, Lahore.

Our Ref. No. CL/CED/ 9253 Dated: 13-11-19

Your Ref. No. XEN(O&M)GT/13164 Dated: 29-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 06-11-19 Tested on: 12-11-19 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	M.A		9.0x4.4x2.9	3322	39.6	51	2890	
2	M.A		9.0x4.5x2.9	3347	40.5	59	3270	
3	M.A		9.0x4.4x2.9	3309	39.6	43	2440	
4	M.A		9.0x4.5x2.9	3295	40.5	53	2940	
5	M.A		8.9x4.4x2.9	3375	39.16	48	2750	
6	M.A		8.9x4.4x2.9	3341	39.16	51	2920	
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

9434

Dr. Usman Akmal

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

Our Ref. No. CL/CED/ 9254 Dated: 13-11-19

Your Ref. No. Nil Dated: 31-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 31-10-19 Tested on: 13-11-19 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	Columns	6	10	2019	6Diax12	13.4	28.28	42.2	3290	Engraved
2	Columns	6	10	2019	6Diax12	13.8	28.28	63.5	4950	Engraved
3	Columns	7	10	2019	6Diax12	13.4	28.28	55.6	4340	Engraved
4	Columns	7	10	2019	6Diax12	13	28.28	40.5	3160	Engraved
5	Columns	9	10	2019	6Diax12	13.2	28.28	31.2	2440	Engraved
6	Columns	9	10	2019	6Diax12	13	28.28	36.2	2830	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