



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

373

Dr. M. Yousaf

To: **Hafiz Ozair Ahmad (Deputy Director QCD)**

WASA, LDA, Lahore (M/s. Malik Siraj Construction Co.)

Project: Tender No. XEN (O&M-I)/IT/2020-21/48 Rehabilitation of Sewerage System at Different Streets UC-95 in Dholanwal Sub Division, Wasa, Lda, Lahore

Our Ref. No. CL/CED/ 1677 Dated: 15-01-21

Your Ref. No. QCD/15-16 Dated: 01-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-01-21 Tested on: 15-01-21 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	S		9.0x4.2x2.8	3115	37.8	60	3560	
2	S		9.0x4.2x2.9	3214	37.8	73	4330	
3	S		8.9x4.2x2.8	3270	37.38	67	4020	
4	S		8.6x4.1x2.8	3061	35.26	60	3820	
5	S		8.9x4.2x2.7	3269	37.38	52	3120	
6	S		9.0x4.2x2.9	3278	37.8	60	3560	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departament?RID=testing_reports&id=6

* as engraved on the specimens (if any)

** 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
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Phone Nos. 042-99029202, 042-99029217

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To: Hafiz Ozair Ahmad (Deputy Director QCD)

Dr. M. Yousaf

WASA, LDA, Lahore (M/s. Seven Star Construction Co.)

Project: Tender No. P&S/25.01/6182-For Replacement of Outlived Trunk Sewer From Al-Kareem Chowk to Sadiq Chowk Near C-I Disposal Station UC-233 & 236 in Green TownSub Division, Wasa, Lda, Lahore

Our Ref. No. CL/CED/ 1678 Dated: 15-01-21

Your Ref. No. QCD/91-92 Dated: 06-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 07-01-21 Tested on: 15-01-21 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	AF		8.6x4.2x2.9	3124	36.12	43	2670	
2	AF		8.5x4.2x2.9	3188	35.7	40	2510	
3	AF		8.8x4.3x3.0	3208	37.84	58	3440	
4	AF		8.7x4.3x2.9	3167	37.41	58	3480	
5	AF		8.4x4.2x2.9	3113	35.28	41	2610	
6	AF		8.7x4.3x3.0	3174	37.41	57	3420	
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Phone Nos. 042-99029202, 042-99029217

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Dr. Umbreen

To: **Mr. Rashid Kamran (General Manager)**
Jilani Poly Industries (Pvt.) Ltd. Lahore
Project: Tapuline Area " QTOK 12 to 16, Padistal Foundation)

Our Ref. No. CL/CED/ 1679 Dated: 15-01-21

Your Ref. No. Nil Dated: 14-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-01-21 Tested on: 15-01-21 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 : 2 : 4)	17	12	2020	6x6x6	8.8	36	63	3920	Non Engraved
2	(1 : 2 : 4)	17	12	2020	6x6x6	9	36	69	4300	Non Engraved
3	(1 : 2 : 4)	17	12	2020	6x6x6	9	36	61	3800	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

457

Dr. Umbreen

To: **Mr. Rashid Kamran (General Manager)**
Jilani Poly Industries (Pvt.) Ltd. Lahore
Project: Utility Block " Grid (5 to 9) Foundation)

Our Ref. No. CL/CED/ 1680 Dated: 15-01-21

Your Ref. No. Nil Dated: 14-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-01-21 Tested on: 15-01-21 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 : 2 : 4)	13	12	2020	6x6x6	9	36	53	3300	Non Engraved
2	(1 : 2 : 4)	13	12	2020	6x6x6	8.8	36	55	3430	Non Engraved
3	(1 : 2 : 4)	13	12	2020	6x6x6	8.8	36	55	3430	Non Engraved
4										
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Phone Nos. 042-99029202, 042-99029217

428

To: **Engr. Irfan Ali (Manager: Projects)**

Dr. M. Yousaf

Ittefaq Construction Services

Project: Construction of Commercial Plaza (42B, 43B, 44B Sector C and 19A) Main Boulevard Bahria Town Lahore (42B Basement RT Wall Phase)

Our Ref. No. CL/CED/ 1681 Dated: 15-01-21

Your Ref. No. ICS/H.O/B.T.P/14 Dated: 08-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-21 Tested on: 15-01-21 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	4000 Psi	28	12	2020	6Diax12	13.4	28.28	43	3410	Engraved
2	4000 Psi	28	12	2020	6Diax12	13	28.28	42	3330	Engraved
3	4000 Psi	28	12	2020	6Diax12	13	28.28	39	3090	Engraved
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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"diax12" cylinder) strength at 28 days as compressive strength

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
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Phone Nos. 042-99029202, 042-99029217

428

To: **Engr. Irfan Ali (Manager: Projects)**

Dr. M. Yousaf

Ittefaq Construction Services

Project: Construction of Commercial Plaza (42B, 43B, 44B Sector C and 19A) Main Boulevard Bahria Town Lahore (42B Basement Down Slab)

Our Ref. No. CL/CED/

1682

Dated:

15-01-21

Your Ref. No.

ICS/H.O/B.T.P/12

Dated:

08-01-21

COMPRESSION TEST REPORT

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

Specimens received on:

11-01-21

Tested on:

15-01-21

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	3000 Psi	16	12	2020	6Diax12	13.2	28.28	27	2140	Engraved
2	3000 Psi	16	12	2020	6Diax12	13	28.28	28	2220	Engraved
3	3000 Psi	16	12	2020	6Diax12	13.2	28.28	31	2460	Engraved
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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"diax12" cylinder) strength at 28 days as compressive strength

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Department of Civil Engineering
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 Phone Nos. 042-99029202, 042-99029217

428

To: Engr. Irfan Ali (Manager: Projects)
Ittefaq Construction Services
Project: Construction of Commercial Plaza (42B, 43B, 44B Sector C and 19A) Main Boulevard Bahria Town
Lahore (19-A Basement Front RT Wall)

Dr. M. Yousaf

Our Ref. No. CL/CED/ 1683 Dated: 15-01-21

Your Ref. No. ICS/H.O/B.T.P/10 Dated: 07-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-21 Tested on: 15-01-21 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
		1	1	2021						
1	4000 Psi	1	1	2021	6Diax12	13.4	28.28	37	2940	Engraved
2	4000 Psi	1	1	2021	6Diax12	13	28.28	44	3490	Engraved
3	4000 Psi	1	1	2021	6Diax12	13.6	28.28	44	3490	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"diax12" cylinder) strength at 28 days as compressive strength

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Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

428

Dr. M. Yousaf

To: Engr. Irfan Ali (Manager: Projects)

Ittefaq Construction Services, Lahore

Project: Construction of Commercial Plaza (42B, 43B, 44B Sector C and 19A) Main Boulevard Bahria Town Lahore (19-A Basement Raft Phase 3)

Our Ref. No. CL/CED/

1684

Dated:

15-01-21

Your Ref. No.

ICS/H.O/B.T.P/09

Dated:

07-01-21

COMPRESSION TEST REPORT

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

Specimens received on:

11-01-21

Tested on:

15-01-21

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	3000 Psi	28	12	2020	6Diax12	13	28.28	25	1980	Engraved
2	3000 Psi	28	12	2020	6Diax12	13.4	28.28	26	2060	Engraved
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*** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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Phone Nos. 042-99029202, 042-99029217

428

Dr. M. Yousaf

To: Engr. Irfan Ali (Manager: Projects)
Ittefaq Construction Services, Lahore
Project: Construction of Commercial Plaza (42B, 43B, 44B Sector C and 19A) Main Boulevard Bahria Town
Lahore (42B Basement Raft Final Phase)

Our Ref. No. CL/CED/ 1685 Dated: 15-01-21

Your Ref. No. ICS/H.O/B.T.P/13 Dated: 08-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-21 Tested on: 15-01-21 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	3000 Psi	24	12	2020	6Diax12	13.4	28.28	33	2620	Engraved
2	3000 Psi	24	12	2020	6Diax12	13	28.28	30	2380	Engraved
3	3000 Psi	24	12	2020	6Diax12	13	28.28	33	2620	Engraved
4										
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428

Dr. M. Yousaf

To: **Engr. Irfan Ali (Manager: Projects)**

Ittefaq Construction Services, Lahore

Project: Construction of Commercial Plaza (42B, 43B, 44B Sector C and 19A) Main Boulevard Bahria Town Lahore (19-A Basement Raft Phase 02)

Our Ref. No. CL/CED/ 1686 Dated: 15-01-21

Your Ref. No. ICS/H.O/B.T.P/08 Dated: 07-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-21 Tested on: 15-01-21 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	3000 Psi	25	12	2020	6Diax12	13.4	28.28	36	2860	Engraved
2	3000 Psi	25	12	2020	6Diax12	13.4	28.28	37	2940	Engraved
3										
4										
5										
6										
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428

Dr. M. Yousaf

To: Engr. Irfan Ali (Manager: Projects)
Ittefaq Construction Services, Lahore
Project: Construction of Commercial Plaza (42B, 43B, 44B Sector C and 19A) Main Boulevard Bahria Town
Lahore (19-A Basement Backside RT Wall)

Our Ref. No. CL/CED/ 1687 Dated: 15-01-21

Your Ref. No. ICS/H.O/B.T.P/07 Dated: 07-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-21 Tested on: 15-01-21 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	4000 Psi	22	12	2020	6Diax12	14	28.28	71	5630	Non Engraved
2	4000 Psi	22	12	2020	6Diax12	13.6	28.28	35	2780	Non Engraved
3	4000 Psi	22	12	2020	6Diax12	14	28.28	37	2940	Non Engraved
4										
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428

To: Engr. Irfan Ali (Manager: Projects)

Dr. M. Yousaf

Ittefaq Construction Services, Lahore

Project: Construction of Commercial Plaza (42B, 43B, 44B Sector C and 19A) Main Boulevard Bahria Town Lahore (42B Basement Grid B/06 Column)

Our Ref. No. CL/CED/ 1688 Dated: 15-01-21

Your Ref. No. ICS/H.O/B.T.P/11 Dated: 08-01-21

COMPRESSION TEST REPORT

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

Specimens received

on: 11-01-21 Tested on: 15-01-21 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	4000 Psi	12	12	2020	6Diax12	13.8	28.28	50	3960	Non Engraved
2	4000 Psi	12	12	2020	6Diax12	13.8	28.28	57	4520	Non Engraved
3										
4										
5										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* as engraved on the specimens (if any)

** 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

434

Dr. M. Yousaf

To: **Mr. M. Shahbaz Iqbal**
BPS (Pvt.) Ltd. Lahore
Project: Alpha Homes (Apartments) "Column Grid F/31-35"

Our Ref. No. CL/CED/ 1689 Dated: 15-01-21

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

COMPRESSION TEST REPORT

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

Specimens received on: 12-01-21 Tested on: 15-01-21 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		25	12	2020	6Diax12	14	28.28	46	3650	Non Engraved
2		25	12	2020	6Diax12	13.2	28.28	50	3960	Non Engraved
3		25	12	2020	6Diax12	14	28.28	50	3960	Non Engraved
4										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* 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

434

Dr. M. Yousaf

To: Mr. M. Shahbaz Iqbal
BPS (Pvt.) Ltd. Lahore
Project: Alpha Homes (Apartments) "Column E/38-31"

Our Ref. No. CL/CED/ 1690 Dated: 15-01-21

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

COMPRESSION TEST REPORT

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

Specimens received on: 12-01-21 Tested on: 15-01-21 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		23	12	2020	6Diax12	13.4	28.28	44	3490	Non Engraved
2		23	12	2020	6Diax12	14	28.28	39	3090	Non Engraved
3										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports?id=6

* as engraved on the specimens (if any)

** 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

434

To: **Mr. M. Shahbaz Iqbal**
BPS (Pvt.) Ltd. Lahore
Project: Alpha Homes (Apartments) "Column E/43-30, E/43-39"

Dr. M. Yousaf

Our Ref. No. CL/CED/ 1691 Dated: 15-01-21

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

COMPRESSION TEST REPORT

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

Specimens received on: 12-01-21 Tested on: 15-01-21 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		26	12	2020	6Diax12	13.2	28.28	47	3730	Non Engraved
2		26	12	2020	6Diax12	13	28.28	45	3570	Non Engraved
3		26	12	2020	6Diax12	14	28.28	48	3810	Non Engraved
4										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* 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

434

Dr. M. Yousaf

To: **Mr. M. Shahbaz Iqbal**
BPS (Pvt.) Ltd. Lahore
Project: Alpha Homes (Apartments) "Column Grid 31/B D, 43/42 D"

Our Ref. No. CL/CED/ 1692 Dated: 15-01-21

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

COMPRESSION TEST REPORT

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

Specimens received on: 12-01-21 Tested on: 15-01-21 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	6Diax12	14	28.28	66	5230	Non Engraved
2		29	12	2020	6Diax12	13	28.28	58	4600	Non Engraved
3		29	12	2020	6Diax12	14	28.28	56	4440	Non Engraved
4										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* 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

434

Dr. M. Yousaf

To: Mr. M. Shahbaz Iqbal
BPS (Pvt.) Ltd. Lahore
Project: Alpha Homes (Apartments) "Column Grid D/42-35"

Our Ref. No. CL/CED/ 1693 Dated: 15-01-21

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

COMPRESSION TEST REPORT

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

Specimens received on: 12-01-21 Tested on: 15-01-21 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
		28	12	2020						
1		28	12	2020	6Diax12	13	28.28	45	3570	Non Engraved
2		28	12	2020	6Diax12	13.8	28.28	51	4040	Non Engraved
3		28	12	2020	6Diax12	13	28.28	45	3570	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports?id=6

* as engraved on the specimens (if any)

** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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

**** ACI318-08 requires mean of two sample (6" 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

443

To: Resident Engineer

Dr. M. Yousaf

CM Div., Nespak (Pvt.) Ltd. Lahore (M/s Khalid Rauf & Co. Pvt. Ltd.)

Project: Development of Infrastructure in LDA City, Lahore (Package of Development Area-1)

Our Ref. No. CL/CED/ 1694 Dated: 15-01-21

Your Ref. No. 4047/13/OH-KRC/113 Dated: 18-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 12-01-21 Tested on: 15-01-21 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		7.8x3.8x2.3	2733	29.64	90	6810	
2	Rectangular Grey		6Diax12	2956	29.64	99	7490	
3	Rectangular Grey		7.8x3.8x2.3	2888	29.64	102	7710	
4	Rectangular Grey		7.8x3.8x2.3	2806	29.64	98	7410	
5	Rectangular Grey		7.8x3.8x2.3	2758	29.64	117	8850	
6	Rectangular Grey		7.8x3.8x2.3	2781	29.64	98	7410	
7	Rectangular Red		7.7x3.8x2.3	2868	29.26	144	11030	
8	Rectangular Red		7.7x3.8x2.3	2805	29.26	89	6820	
9	Rectangular Red		7.7x3.8x2.3	2776	29.26	106	8120	
10	Rectangular Red		7.7x3.8x2.3	2878	29.26	121	9270	
11	Rectangular Red		7.7x3.8x2.3	2892	29.26	141	10800	
12	Rectangular Red		7.7x3.8x2.3	2768	29.26	111	8500	
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

445

Dr. Umbreen

To: Mr. Muhammad Umar Farooq (Civil Supervisor)
Ambition Apparel, Lahore
Project: ETP Plant at Ambition Apparel

Our Ref. No. CL/CED/ 1695 Dated: 15-01-21

Your Ref. No. AA-ETP-C001 Dated: 07-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 13-01-21 Tested on: 15-01-21 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	Pile No-S.1, S.4, E.2,W.1,W.4,W.6	7	12	2020	6Diax12	15	28.28	33	2620	Non Engraved
2	Pile No-E.7,E.10, E.13, E.1.a	8	12	2020	6Diax12	14	28.28	53	4200	Non Engraved
3	Pile No-E.1, E.3,E.6,S.5,W.2	9	12	2020	6Diax12	14	28.28	63	4990	Non Engraved
4	Pile No-E.9, E.12, S.3,W.7,W.10	10	12	2020	6Diax12	14	28.28	59	4680	Non Engraved
5	Pile No-E.4, E.5, E.8,E.11,E.14,E.17	11	12	2020	6Diax12	14	28.28	47	3730	Non Engraved
6	E.15,E.18,E.21, W.15, W.18,W.21	13	12	2020	6Diax12	14	28.28	37	2940	Engraved
7	N3, N.5, N.9, N.12	15	12	2020	6Diax12	13.4	28.28	43	3410	Engraved
8	N.7, N.11	16	12	2020	6Diax12	14	28.28	37	2940	Engraved
9	E.20, N.1, N.10, N.8	17	12	2020	6Diax12	13.2	28.28	43	3410	Engraved
10	E.16, E.19, N.2, N.4	18	12	2020	6Diax12	13.6	28.28	57	4520	Engraved
11										
12										
13										
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16										

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

* 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

447

Dr. M. Yousaf

To: Brig. Saeed Ahmed Malik (SI M) (R) (Resident Engineer)

H&TE Div., Nespak (Pvt.) Ltd. Lahore

Project: Metropolitan Corporation Lahore (MCL), Rehabilitation / Construction of PCC Nallah Mouza Halloki
PP-165, NA-132, Lahore

Our Ref. No. CL/CED/ 1696 Dated: 15-01-21

Your Ref. No. 4084/103/BSAM/104/1025 Dated: 12-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 13-01-21 Tested on: 15-01-21 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	9	2020	6x6x6	9	36	116	7220	Non Engraved
2		21	9	2020	6x6x6	9	36	92	5730	Non Engraved
3		21	9	2020	6x6x6	9	36	106	6600	Non Engraved
4										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports?id=6

* as engraved on the specimens (if any)

** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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

**** ACI318-08 requires mean of two sample (6" 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

448

To: Mr. Muhammad Jawad (Assistant Construction Manager)
The Citizens Foundation
Project: DFID Rooms at District Narowal

Dr. M. Yousaf

Our Ref. No. CL/CED/ 1697 Dated: 15-01-21

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

COMPRESSION TEST REPORT

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

Specimens received on: 13-01-21 Tested on: 15-01-21 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 : 2 : 4)	25	12	2020	6x6x6	8.6	36	56	3490	Non Engraved
2	(1 : 2 : 4)	25	12	2020	6x6x6	8	36	34	2120	Non Engraved
3										
4										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* 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

448

To: **Mr. Muhammad Jawad (Assistant Construction Manager)**
The Citizens Foundation
Project: DFID Rooms at District Narowal

Dr. M. Yousaf

Our Ref. No. CL/CED/ 1698 Dated: 15-01-21

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

COMPRESSION TEST REPORT

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

Specimens received on: 13-01-21 Tested on: 15-01-21 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
		1	1	2021						
1	(1 : 2 : 4)	1	1	2021	6x6x6	8	36	35	2180	Non Engraved
2	(1 : 2 : 4)	1	1	2021	6x6x6	8	36	40	2490	Non Engraved
3										
4										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* as engraved on the specimens (if any)

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

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Note: Above results pertain to the unsealed samples supplied to the laboratory

The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

448

Dr. M. Yousaf

To: Mr. Muhammad Jawad (Assistant Construction Manager)
The Citizens Foundation
Project: DFID Rooms at District Narowal

Our Ref. No. CL/CED/ 1699 Dated: 15-01-21

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

COMPRESSION TEST REPORT

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

Specimens received on: 13-01-21 Tested on: 15-01-21 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
		28	12	2020						
1	(1 : 2 : 4)	28	12	2020	6x6x6	8	36	38	2370	Non Engraved
2	(1 : 2 : 4)	28	12	2020	6x6x6	8.2	36	67	4170	Non Engraved
3										
4										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* 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

449

Dr. M. Yousaf

To: **General Manager**
(PECHS) IZMIR Ltd. Lahore
Project: Construction / Extension of Main Gates PECHS IZMIR

Our Ref. No. CL/CED/ 1700 Dated: 15-01-21

Your Ref. No. PECHS/IZMIR/10746 Dated: 13-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 13-01-21 Tested on: 15-01-21 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	12	2020	6x6x6	8.2	36	32	2000	Engraved
2		17	12	2020	6x6x6	8	36	34	2120	Engraved
3										
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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

456

To: **Engr. Bilal Yaqoob Virk (Assistant Executive Engineer-II)**

Dr. M. Yousaf

CCD, Pak, PWD, Gujranwala

Project: **Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhpura, Phase-I (SH: Establishment of Trainees Hostel)**

Our Ref. No. CL/CED/

1701

Dated:

15-01-21

Your Ref. No.

AEE-II/CCD/GA/Work/
NHMP/P-I/Lab/14

Dated:

06-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-01-21 Tested on: 15-01-21 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	Plinth Beam	26	11	2020	6x6x6	9	36	67	4170	Non Engraved
2	Plinth Beam	28	11	2020	6x6x6	8.4	36	82	5110	Non Engraved
3	Plinth Beam	29	11	2020	6x6x6	8.6	36	87	5420	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
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

456

Dr. M. Yousaf

To: **Engr. Bilal Yaqoob Virk (Assistant Executive Engineer-II)**

CCD, Pak, PWD, Gujranwala

Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhpura, Phase-I (SH: Establishment of Trainees Hostel)

Our Ref. No. CL/CED/

1702

Dated:

15-01-21

Your Ref. No.

AEE-II/CCD/GA/Work/
NHMP/P-I/Lab/13

Dated:

16-12-20

COMPRESSION TEST REPORT

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

Specimens received on:

14-01-21

Tested on:

15-01-21

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	Columns in Foundation	11	11	2020	6x6x6	8.8	36	89	5540	Non Engraved
2	Columns in Foundation	12	11	2020	6x6x6	8.8	36	89	5540	Non Engraved
3	Columns in Foundation	14	11	2020	6x6x6	9	36	89	5540	Non Engraved
4										
5										
6										
7										
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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

456

To: Engr. Bilal Yaqoob Virk (Assistant Executive Engineer-II)

Dr. M. Yousaf

CCD, Pak, PWD, Gujranwala

Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhpura, Phase-I (SH: Establishment of Trainees Hostel)

Our Ref. No. CL/CED/

1703

Dated:

15-01-21

Your Ref. No.

AEE-II/CCD/GA/Work/
NHMP/P-I/Lab/16

Dated:

08-01-21

COMPRESSION TEST REPORT

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

Specimens received on:

14-01-21

Tested on:

15-01-21

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	Ground Floor Columns	8	12	2020	6x6x6	8.8	36	82	5110	Engraved
2	Ground Floor Columns	9	12	2020	6x6x6	8.8	36	61	3800	Engraved
3	Ground Floor Columns	10	12	2020	6x6x6	9	36	71	4420	Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
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

452

Dr. Umbreen

To: **Mr. Muhammad Saleem (GM)**

Professional Construction Services (Pvt.) Ltd. Lahore

Project: Allied Bank Limited DHA Phase 8c Ex Park View Lahore (Ground Floor Slab at Grid A~K/1~7)

Our Ref. No. CL/CED/ 1704 Dated: 15-01-21

Your Ref. No. PCS/2021/Eng-05 Dated: 14-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-01-21 Tested on: 15-01-21 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 : 2 : 4)	7	1	2021	6Diax12	14	28.28	59	4680	Non Engraved
2	(1 : 2 : 4)	7	1	2021	6Diax12	14	28.28	33	2620	Non Engraved
3										
4										
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8										
9										
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13										
14										
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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

455

To: Mr. Umair Latif (Development Engineer)

Dr. Mazhar Saleem

University of the Punjab, Lahore

Project: Provision of Approach Road of healthy College of Commerce at QAC

Our Ref. No. CL/CED/

1705

Dated:

15-01-21

Your Ref. No.

D-944-DE

Dated:

13-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-01-21 Tested on: 15-01-21 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		7.7x3.8x2.3	2666	29.26	174	13330	
2	Rectangular Grey		7.7x3.8x2.3	2723	29.26	140	10720	
3	Rectangular Grey		7.7x3.8x2.3	2684	29.26	158	12100	
4	Rectangular Grey		7.7x3.8x2.3	2672	29.26	138	10570	
5	Rectangular Red		7.7x3.8x2.3	2688	29.26	140	10720	
6	Rectangular Red		7.7x3.8x2.3	2742	29.26	126	9650	
7	Rectangular Red		7.7x3.8x2.3	2758	29.26	164	12560	
8	Rectangular Red		7.7x3.8x2.3	2795	29.26	160	12250	
9								
10								
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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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