



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

8443

To: **Mr. Zohaib Anjum, For Rockwell Corporation Pvt. Ltd.**
9-T, Gulberg-II, Lahore.

Dr. Umbreen

Project: Colgate Palmolive Structure Pile Caps. (Client, Colgate Palmolive Pakistan Pvt. Ltd.)

Our Ref. No. CL/CED/ 7908 Dated: 23-04-19

Your Ref. No. Nil Dated: 11-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-04-19 Tested on: 16-04-19 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		16	3	2019	6Diax12	14.2	28.28	65	5150	Non Engraved
2		16	3	2019	6Diax12	14.4	28.28	65	5150	Non Engraved
3		16	3	2019	6Diax12	14.6	28.28	65	5150	Non Engraved
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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

8453
Dr. Umbreen

To: **Engr. Muhammad Akbar, CEO**
NAM Associates, 98-E, Model Town, Lahore.
Project: MCB Bank, Bhimber Road, Gujrat.

Our Ref. No. CL/CED/ 7909 Dated: 23-04-19
Your Ref. No. NAM-420/4 Dated: 15-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-04-19 Tested on: 17-04-19 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		14	3	2019	6x6x6	8.6	36	116	7220	Non Engraved
2		14	3	2019	6x6x6	8.4	36	104	6480	Non Engraved
3		14	3	2019	6x6x6	8.4	36	118	7350	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

8502

To: **Engr. Khalid Noor (C.E.O ASTACO)**
Suit # 7, 4th Floor, Central Plaza, Barkat Market, Lahore.
Project:

Engr. A. Rehman

Our Ref. No. CL/CED/ 7910 Dated: 23-04-19
Your Ref. No. Nil Dated: 22-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-04-19 Tested on: 22-04-19 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		21	3	2019	6x6x6	8.2	36	61	3800	Non Engraved
2		21	3	2019	6x6x6	8.2	36	89	5540	Non Engraved
3		21	3	2019	6x6x6	8	36	58	3610	Non Engraved
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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

8444

To: **M. Shahzad Asghar, Site Inspector**

Dr. M. Yousaf

W.W.C (Phase-I), Adjacent to Sundar Industrial Estate District, Kasur.

Project: Estab. of W.W.C (Ph-1), Adjacent to Sundar Industrial Estate Distt. Kasur. Package-B.

Our Ref. No. CL/CED/ 7911 Dated: 23-04-19

Your Ref. No. SI/PEPAC/Sundar/B-141 Dated: 11-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-04-19 Tested on: 19-04-19 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	Slab F/ FB-10	10	3	2019	6x6x6	8.2	36	100	6230	Engraved
2	Slab F/ FB-10	10	3	2019	6x6x6	8.4	36	82	5110	Engraved
3	Slab F/ FB-10	10	3	2019	6x6x6	8.4	36	97	6040	Engraved
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Director/Dy. Director Concrete Laboratory



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

8444

To: **M. Shahzad Asghar, Site Inspector**

Dr. M. Yousaf

W.W.C (Phase-I), Adjacent to Sundar Industrial Estate District, Kasur.

Project: Estab. of W.W.C (Ph-1), Adjacent to Sundar Industrial Estate Distt. Kasur. Package-B.

Our Ref. No. CL/CED/ 7912 Dated: 23-04-19

Your Ref. No. SI/PEPAC/Sundar/A-142 Dated: 11-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-04-19 Tested on: 19-04-19 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	Slab F/ FA-8	14	3	2019	6x6x6	8.4	36	88	5480	Engraved
2	Slab F/ FA-8	14	3	2019	6x6x6	8.4	36	90	5600	Engraved
3	Slab F/ FA-8	14	3	2019	6x6x6	8.4	36	91	5670	Engraved
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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

8444

To: **M. Shahzad Asghar, Site Inspector**

Dr. M. Yousaf

W.W.C (Phase-I), Adjacent to Sundar Industrial Estate District, Kasur.

Project: Estab. of W.W.C (Ph-1), Adjacent to Sundar Industrial Estate Distt. Kasur. Package-B.

Our Ref. No. CL/CED/ 7913 Dated: 23-04-19

Your Ref. No. SI/PEPAC/Sundar/A-143 Dated: 11-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-04-19 Tested on: 19-04-19 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	Col. 2nd/ FA-7	16	3	2019	6x6x6	8.6	36	121	7530	Engraved
2	Col. 2nd/ FA-7	16	3	2019	6x6x6	8.4	36	120	7470	Engraved
3	Col. 2nd/ FA-7	16	3	2019	6x6x6	8.6	36	116	7220	Engraved
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supervisor(lab)

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

8356

Dr. M. Yousaf

To: **Sub Divisional Officer (Auqaf)**
Lahore Zone, Lahore.

Project: Up-gradation of Shrine Hazrat Bibi Pak Daman, Lahore. (M/s Ch. Maqsood Ahmed)

Our Ref. No. CL/CED/ 7914 Dated: 23-04-19

Your Ref. No. ACZ/SDO(A)L.Z/2018/872 Dated: 09-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 29-03-19 Tested on: 19-04-19 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	RCC 1:2:4				6x6x6	7.6	36	53	3300	Non Engraved
2	RCC 1:2:4				6x6x6	7.6	36	67	4170	Non Engraved
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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

8446

Dr. Aqsa

To: **Ghulam Hussain Noushah, Resident Engineer-III**
PMIC (DCRIP) Balloki. MM Pakistan Pvt. Ltd.
Project: (DCRIP) Rehalitation & Upgradation of River Training Works Balloki Head Works.

Our Ref. No. CL/CED/ 7915 Dated: 23-04-19

Your Ref. No. DCRIP/RE-III/BLK/051 Dated: 01-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-04-19 Tested on: 18-04-19 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	MC			3688	8.9x4.4x2.9	3364	39.16	43	2460	9.63
2	MC			3814	9x4.3x3	3396	38.7	37	2150	12.3
3	SY4			3882	9x4.4x3	3420	39.6	33	1870	13.5
4	SY4			3720	8.8x4.4x2.9	3410	38.72	49	2840	9.09
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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

8450

To: Engr. Rana Faisal Aslam
H # 362-J, Phase-6, DHA, Lahore.
Project: Roof Concrete First Floor at 362-J, DHA, Lahore.

Dr. Umbreen

Our Ref. No. CL/CED/ 7916 Dated: 23-04-19
 Your Ref. No. Nil Dated: 12-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-04-19 Tested on: 16-04-19 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		13	3	2019	6Diax12	14	28.28	49	3890	Non Engraved
2		13	3	2019	6Diax12	13.4	28.28	33	2620	Non Engraved
3		13	3	2019	6Diax12	14.2	28.28	53	4200	Non Engraved
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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

8454
Dr. Umbreen

To: **Abdul Ghafar (Project Manager)**

Liberty Builders, Lahore

Project: Construction of Zee Avenue, 17-A Cooper Road Lahore, (Zone-A)

Our Ref. No. CL/CED/

7917

Dated:

23-04-19

Your Ref. No.

CONC-20190412

Dated:

12-04-19

COMPRESSION TEST REPORT

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

Specimens received on:

15-04-19

Tested on:

16-04-19

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	GF Roof Slab, 461	14	3	2019	6Diax12	14	28.28	53	4200	Engraved
2	GF Roof Slab, 462	14	3	2019	6Diax12	14	28.28	71	5630	Engraved
3	GF Roof Slab, 463	14	3	2019	6Diax12	14	28.28	65	5150	Engraved
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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

8473
Engr. A.
Rehman

To: **Abdul Ghafar (Project Manager)**

Liberty Builders, Lahore

Project: Construction of Zee Avenue, 17-A Cooper Road Lahore, (Zone-B)

Our Ref. No. CL/CED/ 7918 Dated: 23-04-19

Your Ref. No. CONC-20190415 Dated: 15-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-04-19 Tested on: 22-04-19 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	F.F Col. 529	9	4	2019	6Diax12	13.8	28.28	42	3330	Non Engraved
2	F.F Col. 530	9	4	2019	6Diax12	14.2	28.28	64	5070	Non Engraved
3	F.F Col. 531	9	4	2019	6Diax12	14	28.28	57	4520	Non Engraved
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Director/Dy. Director Concrete Laboratory



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

8479
Dr. Aqsa

To: Abdul Ghafar (Project Manager)
Liberty Builders, Lahore
Project: Construction of Zee Avenue, 17-A Cooper Road Lahore, (Trial Mix)

Our Ref. No. CL/CED/ 7919 Dated: 23-04-19
Your Ref. No. CONC-20190417 Dated: 18-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-04-19 Tested on: 18-04-19 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	544	11	4	2019	6Diax12	13.8	28.28	51	4040	Non Engraved
2	545	11	4	2019	6Diax12	14	28.28	58	4600	Non Engraved
3	546	11	4	2019	6Diax12	14	28.28	51	4040	Non Engraved
4	550	11	4	2019	6Diax12	13.8	28.28	53	4200	Non Engraved
5	551	11	4	2019	6Diax12	14	28.28	47	3730	Non Engraved
6	552	11	4	2019	6Diax12	14	28.28	63	5000	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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

8494
Engr. A.
Rehman

To: **Abdul Ghafar (Project Manager)**

Liberty Builders, Lahore

Project: Construction of Zee Avenue, 17-A Cooper Road Lahore, (Zone-A & B)

Our Ref. No. CL/CED/ 7920 Dated: 23-04-19

Your Ref. No. CONC-20190419 Dated: 19-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 19-04-19 Tested on: 22-04-19 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	556	12	4	2019	6Diax12	14.4	28.28	56	4440	Non Engraved
2	557	12	4	2019	6Diax12	14	28.28	56	4440	Non Engraved
3	558	12	4	2019	6Diax12	14	28.28	44	3490	Non Engraved
4	562	12	4	2019	6Diax12	14	28.28	42	3330	Non Engraved
5	563	12	4	2019	6Diax12	14	28.28	45	3570	Non Engraved
6	564	12	4	2019	6Diax12	14	28.28	24	1910	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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

8332

Dr. Umbreen

To: **Mr. Imran Ahmed, Resident Engineer**

Meinhardet Pakistan Pvt. Ltd. (Source, M/S Banu Mukhtar Products Pvt. Ltd.)

Project: PepsiCo Intl. Multan Snacks, Greenfield Plant.

Our Ref. No. CL/CED/

7921

Dated:

23-04-19

Your Ref. No.

MPPL/QC/0283

Dated:

16-02-19

COMPRESSION TEST REPORT

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

Specimens received on:

27-03-19

Tested on:

23-04-19

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	Lot # 1			5005	8.1x8.1x2.0	4932	65.61	154	5260	1.48
2	Lot # 1			5025	8.1x8.2x2.0	4927	66.42	144	4860	1.98
3	Lot # 1			4960	8.2x8.1x2.0	4847	66.42	154	5200	2.33
4	Lot # 2			5050	8.1x8.1x2.0	4989	65.61	150	5130	1.22
5	Lot # 2			5092	8.0x8.1x2.0	5008	64.8	154	5330	1.67
6	Lot # 2			4982	8.1x8.1x2.0	4900	65.61	152	5190	1.67
7	Lot # 2			4986	8.2x8x2.0	4889	65.6	156	5330	1.98
8	Lot # 2			4988	8x8x2.0	4900	64	160	5600	1.79
End	---	---	---	---	---	---	---	---	---	---
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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

8470

To: **Major (Muhammad Farhan Khan) Project Officer. (Contractor, M/S Trust Developers & Constt. Pvt. Ltd.)** Engr. Aamina
19 Engineers Battalion (Chaghai Sappers) Sheikhpura Camp C/O Signal Centre (FWO Chaklala)
Project: Provi/Instal. of 30 Mtr RCC Girder with Deck Slab at K. Abdul Malik Bridge. Motorway (M-2)

Our Ref. No. CL/CED/ 7922 Dated: 23-04-19

Your Ref. No. 607/SDO B&R/General Dated: 16-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-04-19 Tested on: 23-04-19 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		30	3	2019	6Diax12	14.4	28.28	85	6740	Non Engraved
2		30	3	2019	6Diax12	14	28.28	59	4680	Non Engraved
3		30	3	2019	6Diax12	14	28.28	60	4760	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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supervisor(lab)

Director/Dy. Director Concrete Laboratory