



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

8238

To: **(Sana Ullah Khan), Executive Engineer/DOT, For Project Director/DOT**
Pakistan Railways Headquarters Office Lahore.

Dr. M. Yousaf

Project: Constt. of 3 No. Class-III, Staff Quarters (BSP-11), Near Railway Dispensary at Sahiwal.

Our Ref. No. CL/CED/ 7647 Dated: 28-03-19

Your Ref. No. 211-W/301-D/DOT/KWL-RND Dated: 02-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 11-03-19 Tested on: 26-03-19 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	7up			3456	8.9x4.3x2.8	3041	38.27	28	1640	13.64
2	7up			3555	8.8x4.4x2.9	3056	38.72	22	1280	16.32
3	7up			3391	8.9x4.4x2.9	3019	39.16	33	1890	12.32
4	7up			3424	8.8x4.3x2.8	3079	37.84	37	2200	11.2
5	7up			3412	8.9x4.2x2.9	3096	37.38	40	2400	10.2
6	7up			3429	8.9x4.4x2.8	3066	39.16	36	2060	11.83
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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
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8238

To: **(Sana Ullah Khan), Executive Engineer/DOT, For Project Director/DOT**
Pakistan Railways Headquarters Office Lahore.

Dr. M. Yousaf

Project: Constt. of 4No. Class-III, St. Quart (BSP-11), on North Side Of Quart No.137-A-B at Sahiwal.

Our Ref. No. CL/CED/ 7648 Dated: 28-03-19

Your Ref. No. 211-W/301-C/DOT/KWL-RND Dated: 02-03-19

COMPRESSION TEST REPORT

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

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		Wet Weight (gms)								
1	7up			3391	8.9x4.3x2.8	3077	38.27	40	2350	10.2
2	7up			3480	8.9x4.2x2.9	3047	37.38	23	1380	14.21
3	7up			3381	8.8x4.3x2.8	3096	37.84	48	2850	9.2
4	7up			3401	8.9x4.4x2.9	3114	39.16	34	1950	9.21
5	7up			3594	8.9x4.3x2.9	3119	38.27	22	1290	15.22
6	7up			3414	8.8x4.4x2.9	3089	38.72	42	2430	10.52
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To: **(Sana Ullah Khan), Executive Engineer/DOT, For Project Director/DOT**
Pakistan Railways Headquarters Office Lahore.

Dr. M. Yousaf

Project: Constt. of 1 No. Class-III, St. Quart (BSP-16), Near Pwi Bungalow At Sahiwal.

Our Ref. No.
CL/CED/

7649

Dated:

28-03-19

Your Ref. No.

211-W/301-B/DOT/KWL-RND

Dated:

02-03-19

COMPRESSION TEST REPORT

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

Specimens received
on:

11-03-19

Tested on:

26-03-
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	7up			3472	8.9x4.4x2.9	3091	39.16	31	1780	12.32
2	7up			3416	8.8x4.3x2.8	3072	37.84	36	2140	11.19
3	7up			3359	8.9x4.3x2.8	3076	38.27	47	2760	9.2
4	7up			3542	8.9x4.4x2.9	3099	39.16	23	1320	14.29
5	7up			3429	8.9x4.3x2.9	3111	38.27	40	2350	10.22
6	7up			3511	8.9x4.3x2.9	3126	38.27	33	1940	12.31
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University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8238

To: **(Sana Ullah Khan), Executive Engineer/DOT, For Project Director/DOT**
Pakistan Railways Headquarters Office Lahore.

Dr. M. Yousaf

Project: Constt. of 3 No. Class-III, St. Quart (BSP-11), On East Side Of Awi House At Sahiwal.

Our Ref. No.
CL/CED/

7650

Dated:

28-03-19

Your Ref. No.

211-W/301-A/DOT/KWL-RND

Dated:

02-03-19

COMPRESSION TEST REPORT

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

Specimens received
on:

11-03-19

Tested on:

26-03-19

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	7up			3417	8.9x4.3x2.9	3042	38.27	30	1760	12.32
2	7up			3530	8.8x4.3x2.8	3064	37.84	23	1370	15.2
3	7up			3448	8.8x4.4x2.9	3088	38.72	33	1910	11.65
4	7up			3436	8.9x4.3x2.9	3056	38.27	33	1940	12.43
5	7up			3557	8.9x4.4x2.9	3142	39.16	31	1780	13.2
6	7up			3549	8.8x4.2x2.9	3096	36.96	29	1760	14.63
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8238

To: **(Sana Ullah Khan), Executive Engineer/DOT, For Project Director/DOT**
Pakistan Railways Headquarters Office Lahore.

Dr. M. Yousaf

Project: Constt. of 4 No. Class-III, St. Quart (BSP-11), On East Side Of Quartor No.136 At Sahiwal.

Our Ref. No.
CL/CED/

7651

Dated: 28-03-19

Your Ref. No.

211-W/301-E/DOT/KWL-RND

Dated: 02-03-19

COMPRESSION TEST REPORT

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

Specimens received

on:

11-03-19

Tested on:

26-03-19

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	7up			3401	8.9x4.4x2.9	3114	39.16	43	2460	9.21
2	7up			3559	8.9X4.3X2.8	3120	38.27	28	1640	14.07
3	7up			3506	8.8X4.4X2.9	3070	38.72	26	1510	14.2
4	7up			3444	8.9X4.3X2.9	3096	38.27	38	2230	11.24
5	7up			3472	8.8X4.4X2.9	3077	38.72	36	2090	12.83
6	7up			3510	8.9X4.3X2.9	3062	38.27	23	1350	14.63
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8343

Dr. Umbreen

To: Shahzad Zabi-Ullah (General Manager)
Innovative Private Limited Concrete Products
Project: Site Of Divisional Public School Daska.

Our Ref. No. CL/CED/ 7652 Dated: 28-03-19

Your Ref. No. Nil Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 28-03-19 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	Rectangular Grey				7.8x3.8x2.3	2613	29.64	122	9220	
2	Rectangular Grey				7.8x3.8x2.3	2604	29.64	81	6130	
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8179

Dr. Aqsa

To: **Engr. Tajammal Farooq (Resident Engineer)**

AZ Engineering Associates Sialkot. (M/s Mohammad Asad Pvt. Ltd.)

Project: Dual. of Sialkot Emanabad Road Upto Dharam Kot L=37.20 KM(Ph-1 KM0.00 To 7.20) SKT.

Our Ref. No. CL/CED/ 7653 Dated: 28-03-19

Your Ref. No. RE/SKT-36 Dated: 26-02-19

COMPRESSION TEST REPORT

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

Specimens received
on: 28-02-19

Tested on:

28-03-19 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	Kerb Stone				5.4X5.7X6.1	7	30.78	35	2550	
2	Kerb Stone				5.4X5.9X6.1	7.3	31.86	31	2180	
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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

8323

Dr. Aqsa

To: Abdul Ghafar (Project Manager)
Liberty Builders 17-A, Cooper Road Lahore.
Project: Constt. of Zee Avenue. (Zone-A, Gf Roof Slab level+14'-6")

Our Ref. No. CL/CED/ 7654 Dated: 28-03-19

Your Ref. No. CONC-20190322 Dated: 22-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 26-03-19 Tested on: 28-03-19 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	458	14	3	2019	6Diax12	14	28.28	25	1990	Engraved
2	459	14	3	2019	6Diax12	14	28.28	58	4600	Engraved
3	460	14	3	2019	6Diax12	14	28.28	36	2860	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

8323

Dr. Aqsa

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

Liberty Builders 17-A, Cooper Road Lahore.

Project: Constt of Zee Avenue, 17-A Cooper Road, Lahore. (Zone-B, G.F Column & G.F Lift Wall)

Our Ref. No. CL/CED/ 7655 Dated: 28-03-19

Your Ref. No. CONC-20190321 Dated: 21-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 26-03-19 Tested on: 28-03-19 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	429	19	2	2019	6Diax12	14	28.28	93	7370	Non Engraved
2	430	19	2	2019	6Diax12	14	28.28	91	7210	Non Engraved
3	431	19	2	2019	6Diax12	14.4	28.28	94	7450	Non Engraved
4	435	19	2	2019	6Diax12	14	28.28	47	3730	Non Engraved
5	436	19	2	2019	6Diax12	14.2	28.28	85	6740	Non Engraved
6	437	19	2	2019	6Diax12	14.2	28.28	89	7050	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory