



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

10047  
Dr. Umbreen

To: Sub Divisional Officer  
Buildings Sub Division, Chief Minister's Office.  
Project: Construction of 3-Nos. Houses in Place of 4-College Road in GOR-1, Lahore.

Our Ref. No. CL/CED/ 42 Dated: 23-04-20  
Your Ref. No. SDO/CMO/1035 Dated: 03-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 05-03-20 Tested on: 22-04-20 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		12	2	2020	6x6x6	9	36	96	5980	Engraved
2		12	2	2020	6x6x6	8.2	36	88	5480	Engraved
3		12	2	2020	6x6x6	8.4	36	96	5980	Engraved
4		8	2	2020	6x6x6	8.4	36	42	2620	Engraved
5		8	2	2020	6x6x6	8.6	36	63	3920	Engraved
6		8	2	2020	6x6x6	8.4	36	33	2060	Engraved
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departement?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



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10069  
Dr. Umbreen

To: Zaroon Construction Services.  
251, Hill View Avenue Adyala Road, Rawalpindi.  
Project: Nil

Our Ref. No. CL/CED/ 43 Dated: 23-04-20  
Your Ref. No. Nil Dated: 10-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 10-03-20 Tested on: 22-04-20 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		28	2	2020	6x6x6	8.2	36	54	3360	Engraved
2		28	2	2020	6x6x6	8.3	36	43	2680	Engraved
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To: Rashid Kamran, Resident Engineer  
NESPAK (Pvt) Ltd. Construction Management Division. (M/s Munir Traders).  
Project: Rehabilitation of Streets Through Provision of PCC and Gully Grating in Hajvery Road, Gulshan Park, Gulshan-e-Abbas Link Multan Road, Lahore. (PP-161).

10089  
Dr. Umbreen

Our Ref. No. CL/CED/ 44 Dated: 23-04-20  
Your Ref. No. 4047-R3/13/RK/MT/1/70 Dated: 12-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-03-20 Tested on: 22-04-20 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		3	2	2020	6x6x6	8.4	36	53	3300	Engraved
2		3	2	2020	6x6x6	8.4	36	94	5850	Engraved
3		6	2	2020	6x6x6	8	36	63	3920	Engraved
4		6	2	2020	6x6x6	8.2	36	56	3490	Engraved
5		10	2	2020	6x6x6	9	36	100	6230	Engraved
6		10	2	2020	6x6x6	8.8	36	120	7470	Engraved
7		11	2	2020	6x6x6	9	36	63	3920	Engraved
8		11	2	2020	6x6x6	8.4	36	114	7100	Engraved
9		15	2	2020	6x6x6	9	36	63	3920	Engraved
10		15	2	2020	6x6x6	8.4	36	80	4980	Engraved
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10061  
Dr. Umbreen

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

Our Ref. No. CL/CED/ 45 Dated: 23-04-20  
Your Ref. No. Nil Dated: 09-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-03-20 Tested on: 22-04-20 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	Slab	8	2	2020	6Diax12	13.8	28.28	65	5150	Non Engraved
2	Slab	8	2	2020	6Diax12	13.8	28.28	63	4990	Non Engraved
3	Slab	9	2	2020	6Diax12	14	28.28	69	5470	Engraved
4	Slab	9	2	2020	6Diax12	14	28.28	53	4200	Engraved
5	Slab	9	2	2020	6Diax12	14.2	28.28	83	6580	Non Engraved
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10065  
Dr. Umbreen

To: Engr. Muhammad Javed Iqbal, Resident Engineer  
Rizwan Nazir Consulting Engineers, 36 The Mall Road, Lahore.  
Project: House # 233, Sector-Z, DHA Phase-3, Lahore.

Our Ref. No. CL/CED/ 46 Dated: 23-04-20  
Your Ref. No. RNCE/H-233/DHA/20/05 Dated: 10-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 10-03-20 Tested on: 22-04-20 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	3000 Psi	11	2	2020	6Diax12	14	28.28	43	3410	Engraved
2	3000 Psi	11	2	2020	6Diax12	14	28.28	53	4200	Engraved
3	3000 Psi	11	2	2020	6Diax12	14	28.28	53	4200	Engraved
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Dr. Umbreen

To: Engr. Muhammad Javed Iqbal, Resident Engineer  
Rizwan Nazir Consulting Engineers, 36 The Mall Road, Lahore.  
Project: House # 233, Sector-Z, DHA Phase-3, Lahore.

Our Ref. No. CL/CED/ 47 Dated: 23-04-20  
Your Ref. No. RNCE/H-233/DHA/20/06 Dated: 10-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 10-03-20 Tested on: 22-04-20 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	4000 Psi	29	2	2020	6Diax12	14.4	28.28	53	4200	Engraved
2	4000 Psi	29	2	2020	6Diax12	14	28.28	63	4990	Engraved
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