



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

7857

Dr. Umbreen

To: **Sub Divisional Officer**

Highway Sub Division, Pasrur

Project: Rehabilitation of Daska Pasrur Road L=27.80 KM & Pasrur Narowal Road L=27.36 KM

Our Ref. No. CL/CED/

6954

Dated:

10-01-19

Your Ref. No.

740/P

Dated:

17-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 03-01-19 Tested on: 09-01-19 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	I-Section		2.3 Thick	3821	42.42	174	9190	
2	I-Section		2.3 Thick	3866	42.42	172	9090	
3	I-Section		2.3 Thick	3891	42.42	180	9510	
4	I-Section		2.3 Thick	3826	42.42	160	8450	
5	I-Section		2.3 Thick	3896	42.42	180	9510	
6	I-Section		2.3 Thick	3902	42.42	182	9620	
7	I-Section		2.3 Thick	3877	42.42	184	9720	
8	I-Section		2.3 Thick	3891	42.42	174	9190	
9	I-Section		2.3 Thick	3879	42.42	154	8140	
10	I-Section		2.3 Thick	3862	42.42	164	8670	
11	I-Section		2.3 Thick	3896	42.42	164	8670	
12	I-Section		2.3 Thick	3846	42.42	170	8980	
13	I-Section		2.3 Thick	3869	42.42	174	9190	
14	I-Section		2.3 Thick	3826	42.42	176	9300	
15	I-Section		2.3 Thick	3890	42.42	184	9720	
16	I-Section		2.3 Thick	3886	42.42	176	9300	

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



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7858
Dr. Umbreen

To: Muhammad Zahid Hussain (Project Engineer Civil)
DHA, Main Office Complex Sector A Ph-VI Lahore Cantt
Project: Constt. of Boundary Wall at Defence Club 'R Block Phase-I'

Our Ref. No. CL/CED/ 6955 Dated: 10-01-19

Your Ref. No. 520/Labtest- Tuffpavers/Maint Dated: 31-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 03-01-19 Tested on: 09-01-19 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	Rectangular Grey		7.8x3.8x2.0	2380	29.64	134	10130	
2	Rectangular Grey		7.8x3.8x2.0	2344	29.64	114	8620	
3	Rectangular Grey		7.8x3.8x2.0	2414	29.64	130	9830	
4	Rectangular Grey		7.8x3.8x2.0	2377	29.64	138	10430	
5	Rectangular Grey		7.8x3.8x2.0	2396	29.64	130	9830	
6	Rectangular Grey		7.8x3.8x2.0	2379	29.64	124	9380	
7	Rectangular Grey		7.8x3.8x2.0	2392	29.64	136	10280	
8	Rectangular Grey		7.8x3.8x2.0	2402	29.64	136	10280	
9	Rectangular Grey		7.8x3.8x2.0	2416	29.64	128	9680	
10	Rectangular Grey		7.8x3.8x2.0	2411	29.64	110	8320	
11	Rectangular Grey		7.8x3.8x2.0	2407	29.64	142	10740	
12	Rectangular Grey		7.8x3.8x2.0	2389	29.64	128	9680	
13	Rectangular Grey		7.8x3.8x2.0	2366	29.64	154	11640	
14	Rectangular Grey		7.8x3.8x2.0	2389	29.64	136	10280	
15	Rectangular Grey		7.8x3.8x2.0	2391	29.64	146	11040	
16	Rectangular Grey		7.8x3.8x2.0	2399	29.64	114	8620	

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

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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

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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7864

To: Muhammad Tufail (Construction Team Leader)
Zor Engineers Pvt. Ltd. Lahore
Project: The Salvation Army-Retired Officers Quarters

Dr. Umbreen

Our Ref. No. CL/CED/ 6956 Dated: 10-01-19

Your Ref. No. 230.0.21.1/MT/12 Dated: 04-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 04-01-19 Tested on: 07-01-19 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
		18	12	2018						
1	4th Floor Slab	18	12	2018	6x6x6	8.6	36	43	2680	Engraved
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Director/Dy. Director Concrete Laboratory



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7865

Dr. Umbreen

To: **Muhammad Bilal (Construction Manager)**

IIW-Industrial Engineers & Contractors

Project: Construction of Bulk Oil Storage Terminal at Machike-C Distt. Sheikhpura

Our Ref. No. CL/CED/

6957

Dated:

10-01-19

Your Ref. No.

Nil

Dated:

01-01-19

COMPRESSION TEST REPORT

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

Specimens received on:

04-01-19

Tested on:

07-01-19

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	Pump House Wall	24	11	2018	6x6x6	8.2	36	104	6480	Non Engraved
2	Pump House Wall	24	11	2018	6x6x6	8.2	36	104	6480	Non Engraved
3	Pump House Wall	24	11	2018	6x6x6	8.4	36	88	5480	Non Engraved
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7865

Dr. Umbreen

To: **Muhammad Bilal (Construction Manager)**

IIW-Industrial Engineers & Contractors

Project: Construction of Bulk Oil Storage Terminal at Machike-C Distt. Sheikhpura

Our Ref. No. CL/CED/

6958

Dated:

10-01-19

Your Ref. No.

Nil

Dated:

01-01-19

COMPRESSION TEST REPORT

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

Specimens received on:

04-01-19

Tested on:

07-01-19

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	P. House Footing	12	11	2018	6x6x6	8.2	36	86	5360	Non Engraved
2	P. House Footing	12	11	2018	6x6x6	8.6	36	86	5360	Non 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

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7895

Dr. Umbreen

To: Project Manager
S.M Imran House
Project:SM Imran House (First Floor Garage Columns)

Our Ref. No. CL/CED/ 6959 Dated: 10-01-19

Your Ref. No. M4/H2/LCHS/13 Dated: 09-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 09-01-19 Tested on: 10-01-19 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		12	12	2018	6Diax12	13.8	28.28	43	3410	Non Engraved
2		12	12	2018	6Diax12	13.6	28.28	73	5790	Non Engraved
3		12	12	2018	6Diax12	14	28.28	43	3410	Non Engraved
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7895
Dr. Umbreen

To: Project Manager
S.M Imran House
Project:SM Imran House (First Floor Garage Roof Slab)

Our Ref. No. CL/CED/ 6960 Dated: 10-01-19

Your Ref. No. M4/H2/LCHS/11 Dated: 09-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 09-01-19 Tested on: 10-01-19 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		20	12	2018	6Diax12	14.2	28.28	55	4360	Non Engraved
2		20	12	2018	6Diax12	14	28.28	57	4520	Non Engraved
3		20	12	2018	6Diax12	14.4	28.28	43	3410	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

7895
Dr. Umbreen

To: Project Manager
S.M Imran House
Project:SM Imran House (Boundary Wall Footing)

Our Ref. No. CL/CED/ 6961 Dated: 10-01-19

Your Ref. No. M4/H2/LCHS/12 Dated: 09-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 09-01-19 Tested on: 10-01-19 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
		1	1	2019						
1		1	1	2019	6Diax12	14.2	28.28	53	4200	Non Engraved
2		1	1	2019	6Diax12	14.2	28.28	59	4680	Non Engraved
3		1	1	2019	6Diax12	14	28.28	53	4200	Non Engraved
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Director/Dy. Director Concrete Laboratory



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7863

To: Malik Iftikhar Ahmed (Resident Engineer OSP)
P&M Div., NESPAK Pvt. Ltd. Lahore
Project: PPIC3 Center, Lahore (A6-556, C-001)

Engr. Abdul Rehman

Our Ref. No. CL/CED/ 6962 Dated: 10-01-19

Your Ref. No. 3830/PPIC3/OSP/MIA/1675 Dated: 03-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 04-01-19 Tested on: 04-01-19 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	Basement	4	12	2018	6Diax12	13.6	28.28	55	4360	Non Engraved
2	Basement	4	12	2018	6Diax12	13.6	28.28	61	4840	Non Engraved
3	Basement	4	12	2018	6Diax12	13.4	28.28	63	5000	Non Engraved
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