



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

10643

Engr. Ubaid

To: Engr. Arsalan Haider (Resident Engineer)
Mukhtar Sons Construction (Pvt) Ltd.
Project: T-Square Apartments Building Gulberg-III, Lahore.

Our Ref. No. CL/CED/ 934 Dated: 07-10-20

Your Ref. No. Nil Dated: 06-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-10-20 Tested on: 07-10-20 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	Swimming Pool.Bed4500Psi	29	9	2020	6Diax12	14	28.28	55	4360	Non Engraved
2	Swimming Pool.Bed4500Psi	29	9	2020	6Diax12	14	28.28	59	4680	Non Engraved
3	Swimming Pool.Bed4500Psi	29	9	2020	6Diax12	14	28.28	58	4600	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

* 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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10587
Engr. Ubaid

To: Muhammad Sibtain (Assistant Resident Engineer)
Enviro Consultant Ltd.

Project: Execution of Rehabilitation Works Municipal Corporation Muridke (Group-A)

Our Ref. No. CL/CED/ 935 Dated: 07-10-20

Your Ref. No. 1 Dated: 22-09-20

COMPRESSION TEST REPORT

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

Specimens received on: 22-09-20 Tested on: 07-10-20 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	D A		8.7x4.0x2.8	3067	34.8	63	4060	
2	D A		8.8x4.2x3.0	3271	36.96	53	3220	
3	D A		8.7x4.1x2.8	3231	35.67	63	3960	
4	D A		8.8x4.3x2.9	3191	37.84	50	2960	
5	D A		8.8x4.1x2.8	3091	36.08	35	2180	
6	D A		8.7x4.2x2.8	3070	36.54	41	2520	
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10620

Engr. Ubaid

To: **Sub Divisional Officer**

Buildings Sub Division No.21, Lahore

Project: Construction of 02-Nos Class Room Wit Verandah in Govt Boys Primary School Gulwera Lahore

Our Ref. No. CL/CED/

936

Dated:

07-10-20

Your Ref. No.

1479/21st

Dated:

19-09-20

COMPRESSION TEST REPORT

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

Specimens received on: 30-09-20 Tested on: 07-10-20 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	777		8.8x4.3x3.1	3439	37.84	55	3260	
2	777		8.8x4.4x3.0	3326	38.72	40	2320	
3	777		8.9x4.2x3.0	3493	37.38	63	3780	
4	777		8.9x4.3x2.9	3294	38.27	55	3220	
5	777		8.7x4.2x3.0	3224	36.54	50	3070	
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10633

Engr. Ubaid

To: **Asif Nadeem Khawar (Resident Engineer)**

Metroplan-Asian Consulting Engineers (Pvt.) Ltd. JV

Project: Resident Construction Supervision for Establishment of 200 Bedded Mother & Child Hospital and Nursing College , District Mianwali

Our Ref. No. CL/CED/

937-1 of 2

Dated:

07-10-20

Your Ref. No.

MetroplanAsianJV-Nexus-
MMCH-RE-490

Dated:

24-09-20

COMPRESSION TEST REPORT

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

Specimens received on:

02-10-20

Tested on:

07-10-20

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	Solid Block		11.9x5.9x8.0	21	70.21	100	3190	
2	Solid Block		11.9x6.0x8.0	22	71.4	95	2980	
3	Solid Block		11.8x6.0x8.0	22.2	70.8	127	4020	
4	Solid Block		11.9x5.9x8.0	21.4	70.21	144	4600	
5	Solid Block		11.9x5.9x7.5	20	70.21	117	3740	
6	Solid Block		11.9x5.9x7.5	20.4	70.21	94	3000	
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10633

Engr. Ubaid

To: **Asif Nadeem Khawar (Resident Engineer)**

Metroplan-Asian Consulting Engineers (Pvt.) Ltd. JV

Project: Resident Construction Supervision for Establishment of 200 Bedded Mother & Child Hospital and Nursing College , District Mianwali

Our Ref. No. CL/CED/

937-2 of 2

Dated:

07-10-20

Your Ref. No.

MetroplanAsianJV-
Nexus-MMCH-RE-490

Dated:

24-09-20

COMPRESSION TEST REPORT

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

Specimens received on:

02-10-20

Tested on:

07-10-20

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	Lab # 190 (Lab Cured)	2	9	2020	6Diax12	14	28.28	79	6260	Engraved
2	Lab # 190 (Lab Cured)	2	9	2020	6Diax12	14	28.28	81	6420	Engraved
3	Lab # 190 (Lab Cured)	2	9	2020	6Diax12	14	28.28	81	6420	Engraved
4	Lab # 190 (Field Cured)	2	9	2020	6Diax12	14	28.28	92	7290	Engraved
5	Lab # 190 (Field Cured)	2	9	2020	6Diax12	14	28.28	77	6100	Engraved
6	Lab # 190 (Field Cured)	2	9	2020	6Diax12	14	28.28	62	4920	Engraved
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10634
Engr. Ubaid

To: Tahir Mehmood
Hasnain Builders, Lahore
Project: F.F Column at Old City School Gawal Mandi Lahore

Our Ref. No. CL/CED/ 938 Dated: 07-10-20
Your Ref. No. Nil Dated: 02-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-10-20 Tested on: 07-10-20 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	F.F Columns (3750 Psi)	2	9	2020	6Diax12	13.2	28.28	57	4520	Non Engraved
2	F.F Columns (3750 Psi)	2	9	2020	6Diax12	13.2	28.28	49	3890	Non Engraved
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