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

To: **Mr. Amir (Project Manger)** Dr. M. Yousaf
Marquesina 4th Floor Lahore Trade Centre Railway Road.
Project: Constuction of Topaz Marquee # 19 Garision Lahore.

Our Ref. No. CL/CED/ 1288 Dated: 02-12-20

Your Ref. No. Nil Dated: 25-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-11-20 Tested on: 01-12-20 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	3500 Psi	4	7	2020	6x6x6	8.6	36	38	2370	Non Engraved
2	3500 Psi	4	7	2020	6x6x6	8.4	36	50	3120	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 comprerssive 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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To: **Munawar Hussain (Director)** Dr. Yousaf
MH Associates, Lahore
Project: Garrison Academy for Cambridge Studies Lahore Cantt.

Our Ref. No. CL/CED/ 1289 Dated: 02-12-20

Your Ref. No. 07/0786 Dated: 30-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 30-11-20 Tested on: 01-12-20 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		9	11	20	6x6x6	9	36	84	5230	Engraved
2		9	11	20	6x6x6	9	36	102	6350	Engraved
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To: **Tahir Mehmood** Dr. M. Yousaf
Hasnain Builders, Lahore
Project: 4th Floor Column at Old City School Gawal Mandi Lahore.

Our Ref. No. CL/CED/ 1290 Dated: 02-12-20

Your Ref. No. Nil Dated: 30-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 30-11-20 Tested on: 01-12-20 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	4th Floor Column (3750 Psi)	26	10	20	6Diax12	13.6	28.28	64	5070	Non Engraved
2	4th Floor Column (3750 Psi)	26	10	20	6Diax12	13.6	28.28	60	4760	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

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To: **M Sohail Anjum (Project Manager)** Dr. M. Yousaf
P-156 Gulberg II, Lahore.
Project: Construction of P-156 Gulberg II, Lahore.

Our Ref. No. CL/CED/ 1291 Dated: 02-12-20

Your Ref. No. P-156 -176 Dated: 30-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 30-11-20 Tested on: 01-12-20 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	691 (4500 Psi)	22	11	20	6Diax12	14.8	28.28	90	7130	Non Engraved
2	692 (4500 Psi)	22	11	20	6Diax12	14.4	28.28	90	7130	Non Engraved
3	693 (4500 Psi)	22	11	20	6Diax12	15	28.28	90	7130	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

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To: **N. Z. Company** Dr. Umbreen
Lahore
Project: Installation of 55 Meter High Self Supported Tower at Mithi Hilltop HyTR

Our Ref. No. CL/CED/ 1292 Dated: 02-12-20

Your Ref. No. Nil Dated: 01-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 01-12-20 Tested on: 02-12-20 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	Bed	15	10	20	6Diax12	13.6	28.28	45	3570	Non Engraved
2	Column	18	10	20	6Diax12	14.4	28.28	57	4520	Engraved
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To: **Beenish Saleh (Senior Project Manager KP & Punjab)** Dr. Umbreen
Humqadam SCRP
Project: Humqadam-School Construction and Rehabilitation Programme

Our Ref. No. CL/CED/ 1293 Dated: 02-12-20

Your Ref. No. IMC-Ho/SCRP/2020/MaterialTesting/LHR-0 Dated: 02-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-12-20 Tested on: 02-12-20 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	Mortar Cube (GHSS MAYAR)	24	11	2020	2.0x2.0x2.0	270	4	5	2800	
2	Mortar Cube (GHSS MAYAR)	24	11	2020	2.0x2.0x2.0	283	4	4	2240	
3	Mortar Cube (GHSS MAYAR)	24	11	2020	2.0x2.0x2.0	282	4	4.5	2520	
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