



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

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10532

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

Dr. Mazhar Saleem

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/

790

Dated:

10-09-20

Your Ref. No.

MetroplanAsianJV-Nexus-
MMCH-RE-448

Dated:

05-09-20

COMPRESSION TEST REPORT

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

Specimens received on:

09-09-20

Tested on:

10-09-20

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	TM # 32	8	8	2020	6Diax12	14.2	28.28	98	7770	Non Engraved
2	TM # 32	8	8	2020	6Diax12	14.2	28.28	86	6820	Non Engraved
3	TM # 32	8	8	2020	6Diax12	14.1	28.28	90	7130	Non Engraved
4	TM # 33	8	8	2020	6Diax12	14	28.28	94	7450	Non Engraved
5	TM # 33	8	8	2020	6Diax12	14.1	28.28	83	6580	Non Engraved
6	TM # 33	8	8	2020	6Diax12	14.2	28.28	90	7130	Non Engraved
7	TM # 34	8	8	2020	6Diax12	14.2	28.28	90	7130	Non Engraved
8	TM # 34	8	8	2020	6Diax12	14.1	28.28	96	7610	Non Engraved
9	TM # 34	8	8	2020	6Diax12	14	28.28	88	6970	Non Engraved
10										
11										
12										
13										
14										
15										
16										

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"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