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

To: **Engr. Ghulam Sarwar (Resident Engineer)** Dr. Aqsa
Velosi Integrity & Safety Pakistan (Pvt.) Ltd.
Project: Demolition and Re-construction of Railway Station at Nankana Sahib Pakistan Railways (Dome Ring Beam)

Our Ref. No. CL/CED/ 1131 Dated: 05-11-20

Your Ref. No. V84-L-ES-53 Dated: 29-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 29-10-20 Tested on: 04-11-20 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	(3000 Psi)	15	9	20	6Diax12	13.4	28.28	44	3490	Non Engraved
2	(3000 Psi)	15	9	20	6Diax12	13.4	28.28	53	4200	Non Engraved
3	(3000 Psi)	15	9	20	6Diax12	13.4	28.28	43	3410	Non Engraved
4										
5										

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**

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

To: **Deputy Director (Technical)** Dr. Aqsa
Anti-Corruption Establishment Multan Region, Multan.
Project: Enquiry No. 60/20 Multan

Our Ref. No. CL/CED/ 1132-2 of 2 Dated: 05-11-20

Your Ref. No. ACE MR-(DDT)/14 Dated: 27-08-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-11-20 Tested on: 04-11-20 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	1 1		8.7x4.2x3.0	2955	36.54	35	2150	
2	1 1		8.6x4.1x2.9	2891	35.26	40	2550	
3	1 1		8.6x4.1x2.9	2964	35.26	38	2420	
4	1 1		8.7x4.2x2.9	2931	36.54	40	2460	
5	1 1		8.7x4.2x3.0	2951	36.54	34	2090	

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**