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

To: **Hafiz Ozair Ahmad (Deputy Director QCD)** Dr.Mazhar saleem
WASA, LDA, Lahore / (M/s. Mian Zahoor-ud-Din)
Project: Tender No. XEN(O&M-IN.T/19-20/169 For Improvement of Sewerage System at Mundri Chowk to Tally Chowk F-Block Youhanabad in Kahna Sub Division Wasa, LDA, Lahore

Our Ref. No. CL/CED/ 1110 Dated: 02-11-20

Your Ref. No. QCD/2512-13 Dated: 15-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 16-10-20 Tested on: 02-11-20 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	7UP		8.8x4.2x3.0	3313	36.96	59	3580	
2	7UP		8.9x4.2x2.9	3358	37.38	67	4020	
3	7UP		8.7x4.2x2.8	3308	36.54	43	2640	
4	7UP		8.8x4.3x2.9	3282	37.41	59	3540	
5	7UP		8.7x4.2x2.9	3326	36.54	61	3740	
6	7UP		8.7x4.3x2.9	3296	37.41	45	2700	
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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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Phone Nos. 042-99029202, 042-99029217

To: **Hafiz Ozair Ahmad (Deputy Director QCD)** Dr.Mazhar Saleem
WASA, LDA, Lahore / (M/s. Shezone Engineering Services)
Project: Tender No. P&S/25.01/6172-For Improvement of Sewerage System From Canal Road, Punjab College to Good Luck Backers, Ilyas Colony, Faiz Road, Old Muslim Town, Lahore

Our Ref. No. CL/CED/ 1111 Dated: 02-11-20

Your Ref. No. QCD/2454-55 Dated: 01-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 22-10-20 Tested on: 02-11-20 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	ST		8.8x4.3x2.9	3199	37.84	45	2670	
2	ST		8.8x4.2x3.0	3180	36.96	37	2250	
3	ST		8.9x4.2x2.9	3177	37.38	33	1980	
4	ST		8.8x4.2x3.0	3228	36.96	49	2970	
5	ST		8.8x4.2x2.9	3298	36.96	43	2610	
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Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

To: **Asim Builders**
Lahore
Project: Staff Residence

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 1112 Dated: 02-11-20

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

COMPRESSION TEST REPORT

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

Specimens received on: 20-10-20 Tested on: 02-11-20 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	NICE		9.0x4.2x2.8	2929	37.8	49	2910	
2	NICE		8.7x4.1x2.7	2916	35.67	37	2330	
3	NICE		8.8x4.2x2.9	2970	36.96	27	1640	
4	NICE		8.8x4.2x2.7	2960	36.96	69	4190	
5	NICE		8.7x4.1x2.9	3015	35.67	53	3330	
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Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

To: **Resident Engineer (Walled City Package-IV)** Dr.Mazhar Saleem
Mascon Associates (Pvt.) Ltd. Lahore
Project: Pilot Urban Rehabilitation & Infrastructure Improvement Package-IV (From Chowk Purani Kotwali to Soneri Masjid Via Dabbi Bazar)

Our Ref. No. CL/CED/ 1113 Dated: 02-11-20

Your Ref. No. MAS/WCLA/20/008 Dated: 21-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-10-20 Tested on: 02-11-20 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	NB		8.8x4.3x3.0	3398	37.84	41	2430	
2	NB		8.7x4.2x2.8	3381	36.54	39	2400	
3	NB		8.8x4.3x2.9	3461	37.84	61	3620	
4	NB		8.8x4.4x3.0	3471	38.72	51	2950	
5	NB		8.7x4.4x3.1	3407	38.28	41	2400	
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Phone Nos. 042-99029202, 042-99029217

To: **Engr. Zaheer Ahmad (Resident Engineer)** Dr. Qasim Khan
Velosi Integrity & Safety Pakistan (Pvt.) Ltd.
Project: Construction Resident Supervision for PM-06 Modification / Online Coating For Bulleh Shah Packaging Kasur

Our Ref. No. CL/CED/ 1114 Dated: 02-11-20

Your Ref. No. V-391-BSP-007 Dated: 02-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-11-20 Tested on: 02-11-20 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		23	10	2020	6Diax12	14.2	28.28	57	4520	Non Engraved
2		23	10	2020	6Diax12	14.2	28.28	54	4280	Non Engraved
3		23	10	2020	6Diax12	14.3	28.28	58	4600	Non Engraved
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