



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

10029

Dr. M. Yousaf

To: **Rana Aadil Farooq (Deputy Director QCD)**

WASA, LDA, Lahore (M/s. Al Nafay Construction Co.)

Project: Tender XEN(O&M-II) GBT/2019-20/08 Replacement of of Settled/Outlived Sewerage System at Different Localities (Street No.01 & 03 Muhammadi Rd, Street No.15-C Kulyha Rd, Street No.06 New Shalimar Rd, St No.03 & I/A Sadiqya Colony, St No.7/A Millat Park in Gulshan-E-Ravi

Our Ref. No. CL/CED/ 71 Dated: 06-05-20

Your Ref. No. QCD/542-43 Dated: 25-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-02-20 Tested on: 27-04-20 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	S7		8.8x4.4x2.9	3321	38.72	50	2900	
2	S7		8.8x4.4x2.9	3309	38.72	48	2780	
3	S7		8.3x4.3x2.9	3298	35.69	56	3520	
4	S7		8.8x4.4x2.8	3304	38.72	54	3130	
5	S7		8.3x4.3x2.8	3314	35.69	45	2830	
6	S7		8.8x4.4x2.9	3291	38.72	58	3360	
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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" dia x 12" 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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9998

Dr. M. Yousaf

To: **Engr. Talha Maqbool Ahmed (Resident Engineer)**

Velosi Integrity & Safety Pakistan (Pvt.) Ltd.

Project: Design & Supervisory Services to PMIU & School Councils/DEAS for The Infrastructure Development & Rehabilitation of 100 Model Schools

Our Ref. No. CL/CED/ 72 Dated: 06-05-20

Your Ref. No. PMIU/LHR/CS-01 Dated: 19-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 24-02-20 Tested on: 27-04-20 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	S		8.2x4.2x2.9	3194	34.44	58	3780	
2	S		8.2x4.2x2.9	3242	34.44	48	3130	
3	S		8.3x4.3x2.8	3180	35.69	53	3330	
4	S		8.2x4.2x2.9	3137	34.44	53	3450	
5	S		8.3x4.3x2.8	3232	35.69	41	2580	
6	S		8.3x4.3x2.8	3228	35.69	65	4080	
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10005

To: **Syed Nabeel Hassan (Resident Engineer Nespak)**
CM Div., NESPAK (Pvt.) Ltd. Lahore
Project: Construction of Park at Old Katchehri, Pattoki, District Kasur (PP-179)

Dr. Burhan Sharif

Our Ref. No. CL/CED/ 73 Dated: 06-05-20

Your Ref. No. 4047- R/13/SNH/07/RM/239-A Dated: 10-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 25-02-20 Tested on: 04-05-20 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	Edge Stone		6x6x2	2907	36	152	9460	Cut Cube
2	Edge Stone		6x6x2	2951	36	160	9960	Cut Cube
3	Edge Stone		6x6x2	2838	36	106	6600	Cut Cube
4	Edge Stone		6x6x2	2948	36	152	9460	Cut Cube
5	Edge Stone		6x6x2	3005	36	128	7970	Cut Cube
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10027

Dr. M. Yousaf

To: Deputy Director (Tech)
Anti-Corruption, Establishment Lahore Region-B
Project: Inconnection With Enquiry No.04/2019 (Sports Stadium Allahabad)

Our Ref. No. CL/CED/ 74 Dated: 06-05-20

Your Ref. No. ACE-LHR-B/(DDT)-2020/54-A Dated: 24-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-02-20 Tested on: 27-04-20 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	CBB		8.6x4.3x3.0	2629	36.98	53	3210	Used Brick
2	CBB		8.6x4.2x2.9	2930	36.12	55	3420	Used Brick
3	CBB		8.8x4.4x3.0	2681	38.72	38	2200	Used Brick
4	CBB		8.6x4.2x2.9	2798	36.12	43	2670	Used Brick
5	CBB		8.5x4.2x3.0	2708	35.7	56	3520	Used Brick
6	CBB		8.6x4.1x3.0	2742	35.26	27	1720	Used Brick
7	CBB		8.5x4.3x2.8	2594	34.85	38	2450	Used Brick
8	CBB		8.8x4.4x2.8	2751	38.72	43	2490	Used Brick
9	CBB		8.7x4.2x3.0	2666	36.54	46	2820	Used Brick
10	CBB		8.8x4.2x2.9	2721	36.96	50	3030	Used Brick
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