



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

8779
Dr. Aqsa

To: Deputy Director (QCD)
WASA, LDA, Lahore. (M/s. Al-Noor Construction)
Project: No. XEN/O&M-1/N.T/18-19/190 For Replac./Improv. of Sewerage System at Different Streets of Sittara Colony

Our Ref. No. CL/CED/ 8497 Dated: 10-07-19

Your Ref. No. QCD/563-64 Dated: 18-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 19-06-19 Tested on: 04-07-19 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	SSL			3778	8.9x4.4x3.0	3389	39.16	45	2580	10.29
2	SSL			3774	8.9x4.4x3.0	3327	39.16	47	2690	11.84
3	SSL			3901	8.8x4.3x2.9	3308	37.84	35	2080	15.2
4	SSL			3781	9.0x4.4x2.9	3335	39.6	44	2490	11.79
5	SSL			3881	8.9x4.4x3.0	3471	39.16	45	2580	10.56
6	SSL			3851	8.8x4.4x2.8	3296	38.72	31	1800	14.41
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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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8647

To: **Engr. Muhammad Hassam Idrees (Assistant Executive Engineer-III)**

Engr. A. Rehman

Pak. P.W.D., Lahore, Govt of Pakistan.

Project: Const of National Book Foundation Author's Club & Resource Center at 45 Civic Center Mustafa Town, Lahore

Our Ref. No. CL/CED/

8498

Dated:

10-07-19

Your Ref. No.

AEE-III/LCCD-II/136

Dated:

21-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-05-19 Tested on: 05-07-19 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	MA			3639	9x4.5x3	3215	40.5	43	2380	11.65
2	MA			3510	9x4.4x3	3166	39.6	43	2440	9.8
3	MA			3557	9.1x4.5x2.9	3153	40.95	43.5	2380	11.35
4	MA			3570	8.9x4.4x3	3118	39.16	46	2640	12.66
5	MA			3590	8.5x4.5x3	3135	40.5	34	1890	12.67
6	MT			3586	9.1x4.3x3	3035	39.13	33	1890	15.36
7	MT			3564	9.1x4.4x3	3190	40.04	33.5	1880	10.49
8	MT			3790	9.2x4.4x2.9	3180	40.48	39	2160	16.09
9	MT			3590	9.1x4.4x3	3050	40.48	39	2160	15.04
10	MT			3750	9.1x4.4x3	3190	40.04	40	2240	14.93
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8829

To: Arfan ul Haq, Resident Engineer

Dr. M. Yousaf

NESPAK (Pvt) Ltd. H&TES Islamabad. (Manufactured by Banu Mukhtar Products Pvt. Ltd.)

Project: CPEC, Western Route Hakla (On MI) ~ Yarak (D.I. Khan) Motorway, Pkg-3. (Tarap to Kot Belian)

Our Ref. No. CL/CED/ 8499 Dated: 10-07-19

Your Ref. No. CPEC/CS/RE/PKG3/19/1004 Dated: 23-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-06-19 Tested on: 10-07-19 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	Kerb Stone				6x6x6	7.8	36	65	4050	Cut Cube
2	Kerb Stone				6x6x6	7.8	36	63	3920	Cut Cube
3	Kerb Stone				6x6x6	8	36	72	4480	Cut Cube
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8825

To: Mr. Waqas Asif, Director
Icon Construction Services.
Project: Nil

Dr. M. Yousaf

Our Ref. No. CL/CED/ 8500 Dated: 10-07-19
Your Ref. No. Nil Dated: 18-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-06-19 Tested on: 10-07-19 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
		Month	Day	Year						
1	Solid Block	10	5	2019	12x4x7.7	12.4	48	35	1640	
2	Solid Block	10	5	2019	12x4x7.7	11.6	48	21	980	
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8846

Engr. Aamina

To: Muhammad Sohail Anjum, Project Manager
P-156 Gulberg-II, Lahore.
Project: Construction of P-156 Gulberg-II, Lahore.

Our Ref. No. CL/CED/ 8501 Dated: 10-07-19

Your Ref. No. P-156-006 Dated: 01-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 01-07-19 Tested on: 09-07-19 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	7, (4000 Psi)	20	6	2019	6Diax12	14.4	28.28	71	5630	Non Engraved
2	8, (4000 Psi)	20	6	2019	6Diax12	14.2	28.28	63	5000	Non Engraved
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8885

Dr. M. Yousaf

To: Muhammad Sohail Anjum, Project Manager
P-156 Gulberg-II, Lahore.
Project: Construction of P-156 Gulberg-II, Lahore.

Our Ref. No. CL/CED/ 8502 Dated: 10-07-19

Your Ref. No. P-156-008 Dated: 08-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-07-19 Tested on: 10-07-19 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	23, (4000 Psi)	2	7	2019	6Diax12	14	28.28	47	3730	Non Engraved
2	24, (4000 Psi)	2	7	2019	6Diax12	14	28.28	48	3810	Non Engraved
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