



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

417

To: Mr. Riaz Ahmad
Riaz Construction Company, Lahore
Project: Nil

Dr. Mazhar Saleem

Our Ref. No. CL/CED/ 1617 Dated: 11-01-21

Your Ref. No. Nil Dated: 11-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-21 Tested on: 11-01-21 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	Thehrosa	20	11	2020	6x6x6	8.4	36	65	4050	Engraved
2	Thehrosa	20	11	2020	6x6x6	8.4	36	67	4170	Engraved
3	Sharo Kahna	13	12	2020	6x6x6	8.6	36	65	4050	Engraved
4	Sharo Kahna	13	12	2020	6x6x6	8.6	36	63	3920	Engraved
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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" 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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287

To: Sub Divisional Officer (Buildings)

Dr. M. Yousaf

Sub Division Ferozewala

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore (ADP No.3271/2020-21)
(Group No.2)

Our Ref. No. CL/CED/

1618

Dated:

11-01-21

Your Ref. No.

805/F

Dated:

17-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 18-12-20 Tested on: 08-01-21 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	F B		9.0x4.3x3.0	3247	38.7	29	1680	
2	F B		9.0x4.4x3.1	3461	39.6	43	2440	
3	F B		8.9x4.3x3.0	3263	38.27	40	2350	
4	F B		9.0x4.4x3.1	3331	39.6	41	2320	
5	5 5		8.9x4.2x3.0	2991	37.38	28	1680	
6	5 5		8.7x4.3x2.8	2918	37.41	42	2520	
7	5 5		8.9x4.3x2.8	3173	38.27	38	2230	
8	5 5		8.9x4.2x3.0	2932	37.38	37	2220	
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316

Dr. M. Yousaf

To: Mr. Rashid Kamran (Resident Engineer)

CM Div., Nespak (Pvt.) Ltd. Lahore

Project: Rehabilitation of Roads Through Carpeting in Samanabad, Chuburji Park and Sabzazar Scheme, Lahore & Rehabilitation of Roads Through Carpeting in P-Block Sabzazar Lahore

Our Ref. No. CL/CED/ 1619 Dated: 11-01-21

Your Ref. No. 4047-R2/13/RK/03/132 Dated: 15-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-12-20 Tested on: 08-01-21 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	4		8.9x4.3x3.0	3215	38.27	57	3340	
2	4		8.7x4.2x3.0	3195	36.54	43	2640	
3	4		8.8x4.3x2.9	3187	37.84	48	2850	
4	4		8.8x4.3x3.0	3311	37.84	46	2730	
5	4		8.7x4.3x2.9	3183	37.41	47	2820	
6	4		8.8x4.3x3.1	3225	37.84	44	2610	
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334

Dr. M. Yousaf

To: Resident Engineer (PICIP Sahiwal)

Nespaq-Artelia International

Project: (PICIP)(Lot-02), Consultancy Services for Engineering, Procurement and Construction Management Trunk Main Sewer Lines and Allied Work (NCB-Works/PICIP-03)

Our Ref. No. CL/CED/ 1620 Dated: 11-01-21

Your Ref. No. 3976/11/MT/01/Lot-2/233 Dated: 22-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 24-12-20 Tested on: 08-01-21 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 0 0 0		8.8x4.3x2.8	2815	37.84	35	2080	
2	1 0 0 0		8.9x4.3x2.9	3110	38.27	27	1580	
3	1 0 0 0		9.0x4.3x2.8	3064	38.7	33	1910	
4	1 0 0 0		8.9x4.3x2.7	3045	38.27	32	1880	
5	1 0 0 0		8.7x4.2x2.7	2761	36.54	43	2640	
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336

To: Mr. Ibad ur Rehman Mudassir (Dy. Chief Engineer Civil)

Dr. M. Yousaf

Sui Northern Gas Pipelines Ltd. Lahore

Project: Road Paver Blocks / Tuff Tiles on The Berm Along With Surface Treatment to Roads at Coating Plant of SNGPL at Uch Sharif District Bahawalpur

Our Ref. No. CL/CED/ 1621 Dated: 11-01-21

Your Ref. No. CC/Civil/C.P/01 Dated: 24-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 24-12-20 Tested on: 08-01-21 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	515 (Machine Made)		8.6x4.1x2.9	2673	35.26	47	2990	
2	515 (Machine Made)		8.6x4.2x3.0	2830	36.12	35	2180	
3	515 (Machine Made)		8.5x4.2x2.8	2714	35.7	42	2640	
4	515 (Machine Made)		8.6x4.1x2.7	2784	35.26	58	3690	
5	515 (Machine Made)		8.6x4.2x2.8	2809	36.12	39	2420	
6	515 (Machine Made)		8.5x4.1x2.7	2658	34.85	52	3350	
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360

To: Brig. Saeed Ahmed Malik (SI M) (R) (Resident Engineer)

Dr. Mazhar Saleem

H&TE Div., Nespak Pvt. Ltd. Lahore

Project: Metropolitan Corporation Lahore (MCL), Improvement of Sewerage System and Rehabilitation of Streets at Manzoor Colony to Disposal Station Canal Park, MCL.

Our Ref. No. CL/CED/ 1622 Dated: 11-01-21

Your Ref. No. 4084/BSAM/104/224 Dated: 30-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 01-01-21 Tested on: 11-01-21 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	27		8.6x4.1x2.7	3236	35.26	59	3750	
2	27		8.7x4.2x2.8	3139	36.54	59	3620	
3	27		8.8x4.2x2.7	3042	36.96	65	3940	
4	27		8.8x4.3x2.8	3132	37.84	63	3730	
5	27		8.8x4.1x2.8	3160	36.08	41	2550	
6	27		8.6x4.1x2.7	3040	35.26	21	1340	
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