



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

10142

To: **M. Zain-UI-Abadeen (Assistant Resident Engineer)**

Dr. M. Yousaf

E&PHE Div., NESPAK (Pvt.) Ltd. Lahore

Project: (Package-I) Storm Water Drainage System from Haji Camp to River Ravi via Lakshami Chowk, Mcleod Road, Nabha Road, Chuburji & Sham Nagar, Lhr (Storm Water Drainage System from Haji Camp to Sham Nagar)

Our Ref. No. CL/CED/ 230 Dated: 22-06-20

Your Ref. No. 3882/11/MZ/01/166 Dated: 11-05-20

COMPRESSION TEST REPORT

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

Specimens received on: 01-06-20 Tested on: 19-06-20 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	Drain Lake Road (4000 Psi)	2	5	2020	6Diax12	13	28.28	38	3010	Non Engraved
2	Drain Lake Road (4000 Psi)	2	5	2020	6Diax12	13	28.28	38	3010	Non Engraved
3	Drain Lake Road (4000 Psi)	2	5	2020	6Diax12	13.2	28.28	39	3090	Non Engraved
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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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Department of Civil Engineering

University of Engineering and Technology, Lahore

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Our Ref. No. CL/CED/

231

Dated:

22-06-20

Your Ref. No.

3882/11/MZ/01/167

Dated:

18-04-20

COMPRESSION TEST REPORT

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

Specimens received on:

01-06-20

Tested on:

19-06-20

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	Drain Naiper Road (4000 Psi)	21	3	2020	6Diax12	13	28.28	53	4200	Non Engraved
2	Drain Naiper Road (4000 Psi)	21	3	2020	6Diax12	13	28.28	50	3960	Non Engraved
3	Drain Naiper Road (4000 Psi)	21	3	2020	6Diax12	13	28.28	41	3250	Non Engraved
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Project: (Package-I) Storm Water Drainage System from Haji Camp to River Ravi via Lakshami Chowk, Mcleod Road, Nabha Road, Chuburji & Sham Nagar, Lhr (Storm Water Drainage System from Haji Camp to Sham Nagar)

Our Ref. No. CL/CED/ 232 Dated: 22-06-20

Your Ref. No. 3882/11/MZ/01/168 Dated: 13-04-20

COMPRESSION TEST REPORT

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

Specimens received on: 01-06-20 Tested on: 19-06-20 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	Drain Roof Slab Naiper Road	16	3	2020	6Diax12	13.2	28.28	70	5550	Non Engraved
2	Drain Roof Slab Naiper Road	16	3	2020	6Diax12	14	28.28	94	7450	Non Engraved
3	Drain Roof Slab Naiper Road	16	3	2020	6Diax12	14	28.28	76	6020	Non Engraved
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10208
Engr. Ubaid

To: **Nasir Mahmood Khan (Partner)**
N.A. Associates, Lahore

Project: Construction of Commercial Building at Plot No. 44-D-I, Gulberg-III, Lahore

Our Ref. No. CL/CED/ 233 Dated: 22-06-20

Your Ref. No. NAA/Bill/44-D-I/22 Dated: 22-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 22-06-20 Tested on: 22-06-20 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	U.G.W Tanks Found	18	5	2020	6Diax12	14.4	28.28	49	3890	Non Engraved
2	U.G.W Tanks Found	18	5	2020	6Diax12	13.8	28.28	29	2300	Non Engraved
3	U.G.W Tanks Found	18	5	2020	6Diax12	13	28.28	33	2620	Non Engraved
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10184

To: **M. Zain-UI-Abadeen (Assistant Resident Engineer)**

Dr. M. Yousaf

E&PHE Div., NESPAK (Pvt.) Ltd. Lahore (M/s. IKAN-MASTIC JV)

Project: (Package-I) Storm Water Drainage System from Haji Camp to River Ravi via Lakshami Chowk, Mcleod Road, Nabha Road, Chuburji & Sham Nagar, Lhr (Storm Water Drainage System from Haji Camp to Sham Nagar)

Our Ref. No. CL/CED/ 234 Dated: 22-06-20

Your Ref. No. 3882/11/MZA/01/171 Dated: 10-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 15-06-20 Tested on: 19-06-20 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	PCC for Chuburji Forcemain	19	5	2020	6Diax12	13.2	28.28	60	4760	Non Engraved
2	PCC for Chuburji Forcemain	19	5	2020	6Diax12	13	28.28	47	3730	Non Engraved
3	PCC for Chuburji Forcemain	19	5	2020	6Diax12	13	28.28	58	4600	Non Engraved
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10191

Dr. M. Yousaf

To: **M. Sohail Anjum (Project Manager)**
P-156 Gulberg II, Lahore
Project: Construction of P-156 Gulberg II, Lahore

Our Ref. No. CL/CED/ 235 Dated: 22-06-20

Your Ref. No. P-156-116 Dated: 16-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 16-06-20 Tested on: 19-06-20 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	472 (3000 Psi)	10	6	2020	6Diax12	14.2	28.28	33	2620	Non Engraved
2	474 (3000 Psi)	10	6	2020	6Diax12	14	28.28	32	2540	Non Engraved
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10191
Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 236 Dated: 22-06-20
Your Ref. No. P-156-115 Dated: 16-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 16-06-20 Tested on: 19-06-20 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	463 (4500 Psi)	8	6	2020	6Diax12	14.2	28.28	69	5470	Non Engraved
2	465 (4500 Psi)	8	6	2020	6Diax12	14	28.28	63	4990	Non Engraved
3	467 (4500 Psi)	8	6	2020	6Diax12	14.4	28.28	66	5230	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

10191

Dr. M. Yousaf

To: **M. Sohail Anjum (Project Manager)**
P-156 Gulberg II, Lahore
Project: Construction of P-156 Gulberg II, Lahore

Our Ref. No. CL/CED/ 237 Dated: 22-06-20

Your Ref. No. P-156-114 Dated: 16-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 16-06-20 Tested on: 19-06-20 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	456 (3000 Psi)	19	5	2020	6Diax12	14	28.28	63	4990	Non Engraved
2	458 (3000 Psi)	19	5	2020	6Diax12	14.2	28.28	67	5310	Non Engraved
3	460 (3000 Psi)	19	5	2020	6Diax12	14	28.28	58	4600	Non Engraved
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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

10190

To: Engr. Huzaifa Umar (Assistant Resident Engineer)

Dr. Mazhar Saleem

M/s AR Engineers

Project: Construction of Jewel-1 Apartment Plaza at Gulberg-3, Lahore

Our Ref. No. CL/CED/ 238 Dated: 22-06-20

Your Ref. No. ARST-002 Dated: 15-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 16-06-20 Tested on: 22-06-20 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	S03	1	5	2020	6Diax12	14	28.28	37	2940	Non Engraved
2	S04	1	5	2020	6Diax12	14	28.28	49	3890	Non Engraved
3	S05	1	5	2020	6Diax12	14	28.28	39	3090	Non Engraved
4	S10	6	5	2020	6Diax12	14	28.28	43	3410	Non Engraved
5	S11	6	5	2020	6Diax12	14	28.28	45	3570	Non Engraved
6	S12	6	5	2020	6Diax12	14.2	28.28	43	3410	Non Engraved
7	S14	17	5	2020	6Diax12	14	28.28	57	4520	Non Engraved
8	S15	17	5	2020	6Diax12	14.4	28.28	61	4840	Non Engraved
9	S16	17	5	2020	6Diax12	14	28.28	61	4840	Non Engraved
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16										

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10192

Dr. Mazhar Saleem

To: Shabir Anjam (PM)
Shahan Brothers, Lahore
Project: Site Madinah Co Operate Lahore

Our Ref. No. CL/CED/ 239 Dated: 22-06-20

Your Ref. No. Nil Dated: 17-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 17-06-20 Tested on: 22-06-20 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	4000 Psi	15	5	2020	6Diax12	14	28.28	63	4990	Engraved
2	4000 Psi	15	5	2020	6Diax12	13.8	28.28	71	5630	Engraved
3	3000 Psi	16	5	2020	6Diax12	14	28.28	75	5950	Engraved
4	3000 Psi	16	5	2020	6Diax12	13.6	28.28	57	4520	Engraved
5	4000 Psi	19	5	2020	6Diax12	13.4	28.28	57	4520	Non Engraved
6	4000 Psi	19	5	2020	6Diax12	13.6	28.28	53	4200	Non Engraved
7	4000 Psi	20	5	2020	6Diax12	13.6	28.28	71	5630	Non Engraved
8	4000 Psi	20	5	2020	6Diax12	13.8	28.28	49	3890	Non Engraved
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10198

Dr. M. Yousaf

To: Ch. Abdul Ghafoor (Resident Engineer)

PEPAC Ltd. Lahore

Project: Establishment of Worker Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate District Kasur (Package-R)

Our Ref. No. CL/CED/ 240 Dated: 22-06-20

Your Ref. No. RE/PEPAC/WWCR/66 Dated: 16-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 17-06-20 Tested on: 19-06-20 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	Community Center (GF Slab)	20	5	2020	6x6x6	9	36	66	4110	Engraved
2	Community Center (GF Slab)	20	5	2020	6x6x6	9	36	60	3740	Engraved
3	Community Center (GF Slab)	20	5	2020	6x6x6	9	36	68	4240	Engraved
4	Community Center (GF Slab)	20	5	2020	6x6x6	9	36	63	3920	Engraved
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Phone Nos. 042-99029202, 042-99029217

10193

Dr.Mazhar Saleem

To: **Sub Divisional Officer**

Buildings Sub Division No. 15, Lahore

Project: Construction of New Administration Block in the Premises of Lahore High Court

Our Ref. No. CL/CED/

241

Dated:

22-06-20

Your Ref. No.

557

Dated:

12-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 17-06-20 Tested on: 22-06-20 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	Columns in First Floor	16	5	2020	6x6x6	9	36	102	6350	Engraved
2	Columns in First Floor	16	5	2020	6x6x6	9	36	106	6600	Engraved
3	Columns in First Floor	16	5	2020	6x6x6	9	36	100	6230	Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?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



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

10193

Dr.Mazhar Saleem

To: **Sub Divisional Officer**

Buildings Sub Division No. 15, Lahore

Project: Construction of New Administration Block in the Premises of Lahore High Court

Our Ref. No. CL/CED/ 242 Dated: 22-06-20

Your Ref. No. 560 Dated: 13-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 17-06-20 Tested on: 22-06-20 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	Lift Walls in First Floor	17	5	2020	6x6x6	9	36	112	6970	Engraved
2	Lift Walls in First Floor	17	5	2020	6x6x6	9	36	110	6850	Engraved
3	Lift Walls in First Floor	17	5	2020	6x6x6	8.8	36	110	6850	Engraved
4										
5										
6										
7										
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15										
16										

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supervisor(lab)

Director/Dy. Director Concrete Laboratory