



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

9975
Dr. M. Yousaf

To: Muhammad Essa (Chief Financial Officer)
Markhor Developers (Pvt) Ltd. 68-Shadman-I, Lahore.
Project: Construction of 75-Shadman-I, Lahore.

Our Ref. No. CL/CED/ 9905 Dated: 21-02-20
Your Ref. No. Nil Dated: 19-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 20-02-20 Tested on: 20-02-20 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	Strong Ready Mix (6000 Psi) Column	13	2	2020	6Diax12	14	28.28	45	3570	Engraved
2	Strong Ready Mix (6000 Psi) Column	13	2	2020	6Diax12	14.2	28.28	47	3730	Engraved
3	Strong Ready Mix (6000 Psi) Column	13	2	2020	6Diax12	14.4	28.28	50	3960	Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?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 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
Phone Nos. 042-99029202, 042-99029217

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To: Muhammad Essa (Chief Financial Officer)
Markhor Developers (Pvt) Ltd. 68-Shadman-I, Lahore.
Project: Construction of 75-Shadman-I, Lahore.

Dr. M. Yousaf

Our Ref. No. CL/CED/ 9906 Dated: 21-02-20

Your Ref. No. Nil Dated: 19-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 20-02-20 Tested on: 20-02-20 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	Strong Ready Mix (4500 Psi) Raft	23	1	2020	6Diax12	14	28.28	69	5470	Engraved
2	Strong Ready Mix (4500 Psi) Raft	23	1	2020	6Diax12	14	28.28	60	4760	Engraved
3	Strong Ready Mix (4500 Psi) Raft	23	1	2020	6Diax12	14	28.28	53	4200	Engraved
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9975

Dr. M. Yousaf

To: **Muhammad Essa (Chief Financial Officer)**
Markhor Developers (Pvt) Ltd. 68-Shadman-I, Lahore.
Project: Construction of 75-Shadman-I, Lahore.

Our Ref. No. CL/CED/ 9907 Dated: 21-02-20

Your Ref. No. Nil Dated: 19-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 20-02-20 Tested on: 20-02-20 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
1	Tetra Engg. (Pvt) (4500 Psi) Raft	23	1	2020	6Diax12	14.2	28.28	54	4280	Engraved
2	Tetra Engg. (Pvt) (4500 Psi) Raft	23	1	2020	6Diax12	14.4	28.28	58	4600	Engraved
3	Tetra Engg. (Pvt) (4500 Psi) Raft	23	1	2020	6Diax12	14	28.28	55	4360	Engraved
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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

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

9977
Dr. M. Yousaf

Our Ref. No. CL/CED/ 9908 Dated: 21-02-20
Your Ref. No. P-156-082 Dated: 20-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 20-02-20 Tested on: 20-02-20 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	344 (3000 Psi)	12	2	2020	6Diax12	13.4	28.28	25	1980	Non Engraved
2	345 (3000 Psi)	12	2	2020	6Diax12	14	28.28	27	2140	Non Engraved
3	346 (3000 Psi)	12	2	2020	6Diax12	14	28.28	28	2220	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

9971
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/ 9909 Dated: 21-02-20
Your Ref. No. P-156-081 Dated: 19-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 19-02-20 Tested on: 20-02-20 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	330 (4500 Psi)	11	2	2020	6Diax12	14	28.28	40	3170	Non Engraved
2	331 (4500 Psi)	11	2	2020	6Diax12	14.2	28.28	40	3170	Non Engraved
3	332 (4500 Psi)	11	2	2020	6Diax12	14	28.28	41	3250	Non Engraved
4	336 (3000 Psi)	11	2	2020	6Diax12	14	28.28	17	1350	Non Engraved
5	337 (3000 Psi)	11	2	2020	6Diax12	14	28.28	31	2460	Non Engraved
6	338 (3000 Psi)	11	2	2020	6Diax12	14.2	28.28	26	2060	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

9982
Dr. M. Yousaf

To: **Zaroon Construction Services.**
Office # 251, Hill View Avenue Adyala Road, Rawalpindi.
Project: "PSO"

Our Ref. No. CL/CED/ 9910 Dated: 21-02-20
Your Ref. No. Nil Dated: 20-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 20-02-20 Tested on: 20-02-20 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		12	2	2020	6x6x6	8.6	36	55	3430	Non Engraved
2		12	2	2020	6x6x6	9	36	68	4240	Non Engraved
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9978
Dr.Mazhar
saleem

To: Arfan ul Haq (Resident Engineer)
H&TE Sec., Nespak (Pvt.) Ltd. Islamabad. (M/S Banu Mukhtar (Pvt.) Ltd.)
Project: (CPEC), Western Route Hakla (On M1) ~ Yarak (D.I.Khan) Motorway, Package-3
(Tarap to Kot Belian)

Our Ref. No. CL/CED/ 9911 Dated: 21-02-20
Your Ref. No. CPEC/NESPAK/CS/PKG3/1397 Dated: 18-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 20-02-20 Tested on: 21-02-20 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	Kerb Stone				6x6x6	8	36	70	4360	Cut Cube
2	Kerb Stone				6x6x6	8	36	72	4480	Cut Cube
3	Kerb Stone				6x6x6	8	36	75	4670	Cut Cube
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Department of Civil Engineering

University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

9957
Dr.Mazhar
saleem

To: S. Shaukat Hussain (Incharge Civil)
Sui Northern Gas Pipelines Ltd. Lahore
Project:Construction of Road From Main Road to Compressor Station AC-4 UCH Sharif District Bahawalpur

Our Ref. No. 9912-1 of 2 Dated: 21-02-20
CL/CED/
Your Ref. No. CC/T.Paver/Uch/01 Dated: 14-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 14-02-20 Tested on: 21-02-20 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	Rectangular Grey				7.8x3.9x2.9	3442	30.42	70	5160	
2	Rectangular Grey				7.8x3.9x2.9	3360	30.42	54	3980	
3	Rectangular Grey				7.8x3.9x2.9	3257	30.42	53	3910	
4	Rectangular Grey				7.8x3.9x2.9	3234	30.42	44	3240	
5	Rectangular Grey				7.8x3.9x2.9	3328	30.42	60	4420	
6	Rectangular Grey				7.8x3.9x2.9	3333	30.42	55	4050	
7	Rectangular Grey				7.8x3.9x2.9	3271	30.42	43	3170	
8	Rectangular Grey				7.8x3.9x2.9	3360	30.42	23	1700	
9	Rectangular Grey				7.8x3.9x2.9	3276	30.42	34	2510	
10	Rectangular Grey				7.8x3.9x2.9	3380	30.42	57	4200	
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Phone Nos. 042-99029202, 042-99029217

To: S. Shaukat Hussain (Incharge Civil)
Sui Northern Gas Pipelines Ltd. Lahore
Project:Construction of Road From Main Road to Compressor Station AC-4 UCH Sharif District Bahawalpur

9957
Dr.Mazhar saleem

Our Ref. No. CL/CED/ 9912-2 of 2 Dated: 21-02-20
Your Ref. No. CC/T.Paver/Uch/01 Dated: 14-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 14-02-20 Tested on: 21-02-20 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	Kerb Stone				6x6x6	8	36	84	5230	Cut Cube
2	Kerb Stone				6x6x6	8	36	79	4920	Cut Cube
3	Kerb Stone				6x6x6	8	36	97	6040	Cut Cube
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