



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

9954

To: M. Iqbal Rashid (CEO) Engr. A. Rehman
Technocrates, 301-C, City Towers, Main Boulevard, Gulberg-II, Lahore.(Umar Group of Industries).
Project: Construction of Faisal Processing Unit of Warburton Road, Sheikhpura.

Our Ref. No. CL/CED/ 9899 Dated: 20-02-20
Your Ref. No. Nil Dated: 14-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 14-02-20 Tested on: 19-02-20 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		2	2	2020	6x6x6	8.6	36	85	5290	Engraved
2		2	2	2020	6x6x6	8.6	36	69	4300	Engraved
3		3	2	2020	6x6x6	8.8	36	88	5480	Engraved
4		3	2	2020	6x6x6	9	36	90	5600	Engraved
5		4	2	2020	6x6x6	9	36	62	3860	Engraved
6		4	2	2020	6x6x6	9	36	80	4980	Engraved
7		5	2	2020	6x6x6	8.8	36	40	2490	Engraved
8		5	2	2020	6x6x6	8.6	36	52	3240	Engraved
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16										

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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Phone Nos. 042-99029202, 042-99029217

9956

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

Engr. A. Rehman

Our Ref. No. CL/CED/ 9900 Dated: 20-02-20
Your Ref. No. Nil Dated: 14-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 14-02-20 Tested on: 19-02-20 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 (5500 Psi) Rt. Wall	8	2	2020	6Diax12	14	28.28	60	4760	Engraved
2	Strong Ready Mix (5500 Psi) Rt. Wall	8	2	2020	6Diax12	14	28.28	67	5310	Engraved
3	Strong Ready Mix (5500 Psi) Rt. Wall	8	2	2020	6Diax12	14.4	28.28	67	5310	Engraved
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9956

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

Engr. A. Rehman

Our Ref. No. CL/CED/ 9901 Dated: 20-02-20
Your Ref. No. Nil Dated: 14-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 14-02-20 Tested on: 19-02-20 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	8	2	2020	6Diax12	14.2	28.28	61	4840	Engraved
2	Strong Ready Mix (6000 Psi) Column	8	2	2020	6Diax12	14	28.28	53	4200	Engraved
3	Strong Ready Mix (6000 Psi) Column	8	2	2020	6Diax12	14.6	28.28	60	4760	Engraved
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Phone Nos. 042-99029202, 042-99029217

9955

To: Malik Faisal Hussain Awan (Material Engineer)
Tetra Engineering (Pvt.) Ltd. Lahore
Project: IHPL Gulberg Lahore

Engr. A. Rehman

Our Ref. No. CL/CED/ 9902 Dated: 20-02-20
Your Ref. No. Tetra/BD-0602/2020 Dated: 13-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 14-02-20 Tested on: 19-02-20 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	(1 / 8000)	6	2	2020	6Diax12	14.8	28.28	108	8560	Non Engraved
2	(5 / 8000)	6	2	2020	6Diax12	15	28.28	118	9350	Non Engraved
3	(6 / 8000)	6	2	2020	6Diax12	14	28.28	112	8880	Non Engraved
4	(02 / 10000)	6	2	2020	6Diax12	14.8	28.28	134	10620	Non Engraved
5	(05 / 10000)	6	2	2020	6Diax12	14.4	28.28	112	8880	Non Engraved
6	(06 / 10000)	6	2	2020	6Diax12	14	28.28	108	8560	Non Engraved
7										
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9958
Engr. A.
Rehman

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

Our Ref. No. CL/CED/ 9903 Dated: 20-02-20

Your Ref. No. P-156-080 Dated: 17-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 17-02-20 Tested on: 19-02-20 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	322 (3000 Psi)	9	2	2020	6Diax12	14	28.28	35	2780	Non Engraved
2	323 (3000 Psi)	9	2	2020	6Diax12	14.2	28.28	39	3090	Non Engraved
3	324 (3000 Psi)	9	2	2020	6Diax12	14	28.28	37	2940	Non Engraved
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9969

To: Sub Divisional Officer
Highway Sub Division, Sargodha
Project: Rehabilitation of Dualized Road From Sargodha to Makhdoom Interchange (M-2) Length 42.00 KM
in District Sargodha (Phase-I Left Carriageway)

Engr. A. Rehman

Our Ref. No. CL/CED/ 9904-1 of 2 Dated: 20-02-20
Your Ref. No. 122/S Dated: 13-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 19-02-20 Tested on: 19-02-20 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	NJB	19	1	2020	6x6x6	9	36	76	4730	Non Engraved
2	NJB	19	1	2020	6x6x6	9	36	95	5920	Non Engraved
3	NJB	19	1	2020	6x6x6	9	36	88	5480	Non Engraved
4	NJB	17	1	2020	6x6x6	9	36	73	4550	Non Engraved
5	NJB	17	1	2020	6x6x6	9	36	55	3430	Non Engraved
6	NJB	17	1	2020	6x6x6	9	36	75	4670	Non Engraved
7	Rigid Bypass	16	1	2020	6x6x6	9	36	71	4420	Non Engraved
8	Rigid Bypass	16	1	2020	6x6x6	9	36	77	4800	Non Engraved
9	Rigid Bypass	16	1	2020	6x6x6	9	36	85	5290	Non Engraved
10	Rigid Bypass	17	1	2020	6x6x6	9	36	70	4360	Non Engraved
11	Rigid Bypass	17	1	2020	6x6x6	9	36	66	4110	Non Engraved
12	Rigid Bypass	17	1	2020	6x6x6	9	36	73	4550	Non Engraved
13	NJB	18	1	2020	6x6x6	9	36	100	6230	Non Engraved
14	NJB	18	1	2020	6x6x6	9.2	36	105	6540	Non Engraved
15	NJB	18	1	2020	6x6x6	9	36	97	6040	Non Engraved
16										

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To: Sub Divisional Officer
Highway Sub Division, Sargodha
Project: Rehabilitation of Dualized Road From Sargodha to Makhdoom Interchange (M-2) Length 42.00 KM
in District Sargodha (Phase-I Left Carriageway)

9969
Engr. A. Rehman

Our Ref. No. CL/CED/9904-2 of 2Dated:20-02-20

Your Ref. No.122/SDated:13-02-20

COMPRESSION TEST REPORT

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

Specimens received on:19-02-20Tested on:19-02-20in 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)								
16	Rigid Bypass	18	1	2020	6x6x6	9	36	90	5600	Non Engraved
17	Rigid Bypass	18	1	2020	6x6x6	9	36	73	4550	Non Engraved
18	Rigid Bypass	18	1	2020	6x6x6	9	36	99	6160	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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