



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

194

Dr. M. Yousaf

To: Ali Raza (GM Technical)
Symbol Industries (Pvt.) Ltd.
Project: Nil

Our Ref. No. CL/CED/ 1294 Dated: 03-12-20

Your Ref. No. Nil Dated: 26-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-11-20 Tested on: 01-12-20 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	Hollow Block		12.0x6.0x8.0	20.8	66.09	39	1330	
2	Solid Block A		12.0x6.0x8.0	9.6	72	24.5	770	
3	Solid Block B		12.0x6.0x7.9	19	72	35	1090	
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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" 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
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198

To: **Azam Wahab (Construction Manager)**

Dr. Umbreen

Akhunzada Associates (Pvt.) Ltd. Peshawar

Project: Construction of 01 No. of 3 Storey Building in Sheikhpura in Punjab Province, Pakistan

Our Ref. No. CL/CED/ 1295 Dated: 03-12-20

Your Ref. No. AA/UNOPS/UET/018 Dated: 27-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-11-20 Tested on: 30-11-20 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		16	11	2020	6Diax12	14	28.28	61	4840	Engraved
2		16	11	2020	6Diax12	14	28.28	57	4520	Engraved
3		16	11	2020	6Diax12	14	28.28	59	4680	Engraved
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To: **Azam Wahab (Construction Manager)**

Dr. Umbreen

Akhunzada Associates (Pvt.) Ltd. Peshawar

Project: Construction of 01 No. of 3 Storey Building in Sheikhpura in Punjab Province, Pakistan

Our Ref. No. CL/CED/ 1296 Dated: 03-12-20

Your Ref. No. AA/UNOPS/UET/017 Dated: 27-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-11-20 Tested on: 30-11-20 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		15	11	2020	6Diax12	14	28.28	69	5470	Engraved
2		15	11	2020	6Diax12	14.4	28.28	61	4840	Engraved
3		15	11	2020	6Diax12	14.2	28.28	71	5630	Engraved
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198

To: **Azam Wahab (Construction Manager)**

Dr. Umbreen

Akhunzada Associates (Pvt.) Ltd. Peshawar

Project: Construction of 01 No. of 3 Storey Building in Sheikhpura in Punjab Province, Pakistan

Our Ref. No. CL/CED/ 1297 Dated: 03-12-20

Your Ref. No. AA/UNOPS/UET/019 Dated: 27-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-11-20 Tested on: 30-11-20 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		18	11	2020	6Diax12	14.2	28.28	29	2300	Engraved
2		18	11	2020	6Diax12	14	28.28	31	2460	Engraved
3		18	11	2020	6Diax12	14	28.28	31	2460	Engraved
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198

Dr. Umbreen

To: **Azam Wahab (Construction Manager)**

Akhunzada Associates (Pvt.) Ltd. Peshawar

Project: Construction of 01 No. of 3 Storey Building in Sheikhpura in Punjab Province, Pakistan

Our Ref. No. CL/CED/ 1298 Dated: 03-12-20

Your Ref. No. AA/UNOPS/UET/020 Dated: 27-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-11-20 Tested on: 30-11-20 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	Solid Block		12.0x6.0x8.0	19	72	21	660	
2	Solid Block		12.0x6.0x8.0	20	72	51	1590	
3	Solid Block		12.0x6.0x8.0	19.4	72	27	840	
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199

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

Dr. M. Yousaf

Our Ref. No. CL/CED/ 1299 Dated: 03-12-20

Your Ref. No. P-156 -177 Dated: 30-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 30-11-20 Tested on: 01-12-20 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	697 (3000 Psi)	22	11	20	6Diax12	15	28.28	69	5470	Non Engraved
2	698 (3000 Psi)	22	11	20	6Diax12	14.8	28.28	69	5470	Non Engraved
3	699 (3000 Psi)	22	11	20	6Diax12	14.6	28.28	68	5390	Non Engraved
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Director/Dy. Director Concrete Laboratory



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199

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

Dr. M. Yousaf

Our Ref. No. CL/CED/ 1300 Dated: 03-12-20
Your Ref. No. P-156 -178 Dated: 30-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 30-11-20 Tested on: 01-12-20 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	656 (4500 Psi)	2	11	20	6Diax12	14.2	28.28	73	5790	Non Engraved
2	657 (4500 Psi)	2	11	20	6Diax12	14.4	28.28	78	6180	Non Engraved
3	658 (4500 Psi)	2	11	20	6Diax12	14.6	28.28	79	6260	Non Engraved
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199

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

Dr. M. Yousaf

Our Ref. No. CL/CED/ 1301 Dated: 03-12-20

Your Ref. No. P-156 -179 Dated: 30-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 30-11-20 Tested on: 01-12-20 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	664 (3000 Psi)	5	11	20	6Diax12	14.6	28.28	40	3170	Non Engraved
2	665 (3000 Psi)	5	11	20	6Diax12	15	28.28	47	3730	Non Engraved
3	667 (3000 Psi)	5	11	20	6Diax12	14.4	28.28	43	3410	Non Engraved
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202

Dr. M. Yousaf

To: Tasawar Riaz (Director)
Multiline Engineers, Gujrat
Project: Construction of Pedestrian Bridge at RBF

Our Ref. No. CL/CED/ 1302 Dated: 03-12-20

Your Ref. No. Nil Dated: 25-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 30-11-20 Tested on: 01-12-20 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	Bridge Floor	7	9	20	6Diax12	13.2	28.28	69	5470	Non Engraved
2	Bridge Beam	10	9	20	6Diax12	13.2	28.28	43	3410	Non Engraved
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205

To: **Sub Divisional Officer**

Dr. Umbreen

Public Health Engg: Sub Division, Mianchannu

Project: Rehabilitation of Sewerage Scheme Tulamba City Missed Area Tehsil Mianchannu District Khanewal

Our Ref. No. CL/CED/ 1303 Dated: 03-12-20

Your Ref. No. SDO/MCH/315 Dated: 20-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 01-12-20 Tested on: 02-12-20 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	Uni-block Grey		2.3 Thick	3394	37.3	170	10210	
2	Uni-block Grey		2.3 Thick	3405	37.3	190	11410	
3	Uni-block Red		2.3 Thick	3293	37.3	146	8770	
4	Uni-block Red		2.3 Thick	3320	37.3	110	6610	
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