



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

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Engr. Ubaid

To: **Escorts Advanced Textile Muridke**
Lahore

Project: Escorts Advanced Textile Muridke Stitching Unit Construction

Our Ref. No. CL/CED/ 1212 Dated: 19-11-20

Your Ref. No. Nil Dated: 18-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 18-11-20 Tested on: 19-11-20 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	Hollow Block		15.5x7.8x8.0	24	68.46	76	2490	
2	Hollow Block		15.5x7.8x8.0	23	68.46	55	1800	
3	Hollow Block		15.5x7.8x8.0	23	68.46	61	2000	
4	Hollow Block		15.5x7.8x8.0	23.4	68.46	73	2390	
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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



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Dr. Mazhar Saleem

To: Assistant Municipal Officer (Infrastructure)
Municipal Committee,
Bhalwal

Project: Rehabilitation / Repair of Road Post Office Road, Bhalwal

Our Ref. No. CL/CED/ 1213 Dated: 19-11-20

Your Ref. No. 353/MC/BHL Dated: 07-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 12-11-20 Tested on: 16-11-20 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	Rectangular Grey		7.8x3.8x3.1	3587	29.64	86	6500	
2	Rectangular Grey		7.8x3.8x3.1	3542	29.64	90	6810	
3	Rectangular Grey		7.8x3.8x3.1	3647	29.64	102	7710	
4	Rectangular Grey		7.8x3.8x3.1	3614	29.64	112	8470	
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To: Lt. Col. (R) Muhammad Ibrahim (Estate Engineer)
Board of Management, Sundar Industrial Estate, Lahore
Project: Extension of Jamia Masjid in Cash

Dr. Umbreen

Our Ref. No. CL/CED/ 1214 Dated: 19-11-20

Your Ref. No. BOM/SIE/BCD/6028 Dated: 12-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-11-20 Tested on: 17-11-20 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
		16	10	2020						
1	3000 Psi	16	10	2020	6x6x6	9	36	81	5040	Engraved
2	3000 Psi	16	10	2020	6x6x6	9.4	36	86	5360	Engraved
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Dr. Umbreen

To: Sub Divisional Officer
Buildings Construction Sub Division No.2, Lahore
Project: Construction of Police Station Lohari Gate, Lahore

Our Ref. No. CL/CED/ 1215 Dated: 19-11-20

Your Ref. No. 2590/2nd Dated: 11-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-11-20 Tested on: 17-11-20 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	3rd Floor Slab	19	10	2020	6x6x6	9.4	36	114	7100	Engraved
2	3rd Floor Slab	19	10	2020	6x6x6	9.4	36	124	7720	Engraved
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Dr. Umbreen

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

Our Ref. No. CL/CED/ 1216 Dated: 19-11-20

Your Ref. No. P-156-165 Dated: 13-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 16-11-20 Tested on: 17-11-20 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	621 (4500 Psi)	17	10	2020	6Diax12	15	28.28	65	5150	Non Engraved
2	622 (4500 Psi)	17	10	2020	6Diax12	14.6	28.28	69	5470	Non Engraved
3	623 (4500 Psi)	17	10	2020	6Diax12	15	28.28	65	5150	Non Engraved
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Engr. Ubaid

To: **Nawab Ali**
Pakpattan
Project: RCC Slab

Our Ref. No. CL/CED/ 1217 Dated: 19-11-20
Your Ref. No. Nil Dated: 12-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 12-11-20 Tested on: 19-11-20 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		13	10	2020	6Diax12	13	28.28	41	3250	Non Engraved
2		13	10	2020	6Diax12	14	28.28	34	2700	Non Engraved
3		13	10	2020	6Diax12	14	28.28	48	3810	Non Engraved
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Engr. Ubaid

To: Adal Imtiaz (Flight Lieutenant, Assistant Director)
Fazaia Housing Scheme Phase-II Sharif City Road, Lahore
Project: Central Mosque at Fazaia Housing Scheme (Phase-II) Lahore

Our Ref. No. CL/CED/ 1218 Dated: 19-11-20

Your Ref. No. FHSL-II/5811/1/Org(CA-12) Dated: 10-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-11-20 Tested on: 19-11-20 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	Strip Footing (Class-B)	28	9	2020	6Diax12	13.4	28.28	69	5470	Engraved
2	Strip Footing (Class-B)	28	9	2020	6Diax12	13.2	28.28	49	3890	Engraved
3	Column (Class-A)	21	10	2020	6Diax12	13.6	28.28	63	4990	Engraved
4	Column (Class-A)	21	10	2020	6Diax12	13.6	28.28	43	3410	Engraved
5	Column (Class-A)	14	10	2020	6Diax12	13.2	28.28	65	5150	Engraved
6	Column (Class-A)	14	10	2020	6Diax12	13	28.28	62	4920	Engraved
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To: **Muhammad Zain-UI-Abadeen (Assistant Resident Engineer)**

Engr. Ubaid

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

Project: Strom Water Drainage From Haji Camp to River Ravi Via Lakshami Chowk, Mcleod Road, Nabha Road, Chuburji and Sham Nagar, Lahore (Package-II)

Our Ref. No. CL/CED/ 1219 Dated: 19-11-20

Your Ref. No. 3882/11/MZA/01/228 Dated: 14-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 16-11-20 Tested on: 19-11-20 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	No-169-176 (4000 Psi)	7	11	2020	6Diax12	14.2	28.28	49	3890	Non Engraved
2	No-169-176 (4000 Psi)	7	11	2020	6Diax12	14.2	28.28	59	4680	Non Engraved
3	No-169-176 (4000 Psi)	7	11	2020	6Diax12	14.2	28.28	55	4360	Non Engraved
4	No. 17-24 (4000 Psi)	17	10	2020	6Diax12	14	28.28	61	4840	Non Engraved
5	No. 17-24 (4000 Psi)	17	10	2020	6Diax12	14.2	28.28	51	4040	Non Engraved
6	No. 17-24 (4000 Psi)	17	10	2020	6Diax12	14.2	28.28	51	4040	Non Engraved
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