



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

9409

Dr. Aqsa

To: (Ch. Liaqat Ali), Resident Engineer

G3 Engineering Consultant (Pvt) Ltd.

Project: Consultancy Services for Resident Construction Supervision of Provision of Missing Specialties for Up Gradation of DHQ Hospital to Teaching Hospital Gujranwala. (Group 1).

Our Ref. No. CL/CED/

9269

Dated:

19-11-19

Your Ref. No.

G3/205/1123

Dated:

21-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-10-19 Tested on: 12-11-19 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	S		8.8x4.4x2.9	3095	38.72	22	1280	
2	S		8.8x4.4x2.9	3110	38.72	63	3650	
3	S		8.8x4.3x2.8	3019	38.72	31	1800	
4	S		8.8x4.3x2.9	3041	37.84	67	3970	
5	S		8.8x4.4x2.8	3071	38.72	33	1910	
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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



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

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G3 Engineering Consultant (Pvt) Ltd.

Project: Consultancy Services for Resident Construction Supervision of Provision of Missing Specialties for Up Gradation of DHQ Hospital to Teaching Hospital Gujranwala. (Group 1).

Our Ref. No. CL/CED/

9270

Dated:

19-11-19

Your Ref. No.

G3/205/1126

Dated:

21-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-10-19 Tested on: 12-11-19 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	H		8.9x4.4x2.9	3124	39.16	38	2180	
2	H		8.9x4.4x2.8	3147	39.16	32	1830	
3	H		8.9x4.3x2.9	3123	38.27	36	2110	
4	H		8.9x4.4x2.9	3169	39.16	32	1830	
5	H		9.0x4.4x2.9	3094	39.6	46	2610	
6	H		9.0x4.4x2.9	3106	39.6	49	2780	
7	H		8.9x4.3x2.9	3129	38.27	42	2460	
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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: (Engr. Muhammad Abdullah), Assistant Engineer
B&W Department UET, Lahore.

9418
Dr. Aqsa

Project: Construction Site of Workshop and Design Center in UET, Lahore.

Our Ref. No. CL/CED/ 9271 Dated: 19-11-19

Your Ref. No. B&W/AEN/1171 Dated: 29-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 29-10-19 Tested on: 12-11-19 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	RB		9.0x4.4x2.9	2719	39.6	75	4250	
2	RB		8.9x4.4x2.9	2829	39.16	25	1430	
3	RB		8.9x4.3x3.0	2831	38.27	52	3050	
4	RB		8.9x4.4x3.0	2784	39.16	39	2240	
5	RB		9.0x4.4x3.0	2841	39.6	49	2780	
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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: (Engr. Muhammad Abdullah), Assistant Engineer
B&W Department UET, Lahore.

9418
Dr. Aqsa

Project: Construction Site of Workshop and Design Center in UET, Lahore.

Our Ref. No. CL/CED/ 9272 Dated: 19-11-19

Your Ref. No. B&W/AEN/1170 Dated: 29-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 29-10-19 Tested on: 12-11-19 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	RB		8.8x4.3x3.0	2790	37.84			
2	RB		9.0x4.4x3.0	2809	39.6			
3	RB		8.9x4.3x2.9	2751	38.27			
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