



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

10098

Dr. M. Burhan

To: **Sub Divisional Officer**

Building Sub Division, Nankana Sahib.

Project: Establishment of Baba Guru Nanak University Nankana Sahib. (Construction of Boundary Wall).

Our Ref. No. CL/CED/

81

Dated:

12-05-20

Your Ref. No.

169/N

Dated:

22-04-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-04-20 Tested on: 07-05-20 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	(1:2:4)	20	4	2020	6Diax12	14	28.28	43	3410	Non Engraved
2	(1:2:4)	20	4	2020	6Diax12	14.2	28.28	39	3090	Non Engraved
3	(1:2:4)	20	4	2020	6Diax12	14	28.28	41	3250	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?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

10098
Dr. M. Burhan

To: Sub Divisional Officer
Building Sub Division, Nankana Sahib.
Project: Establishment of Baba Guru Nanak University Nankana Sahib. (Construction of Boundary Wall).

Our Ref. No. CL/CED/ 82 Dated: 12-05-20
Your Ref. No. 170/N Dated: 22-04-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-04-20 Tested on: 07-05-20 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	(1:2:4)	30	3	2020	6Diax12	14	28.28	67	5310	Non Engraved
2	(1:2:4)	30	3	2020	6Diax12	14	28.28	65	5150	Non Engraved
3	(1:2:4)	30	3	2020	6Diax12	14	28.28	79	6260	Non Engraved
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Director/Dy. Director Concrete Laboratory



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10098

Dr. M. Yousaf

To: **Sub Divisional Officer**

Building Sub Division, Nankana Sahib.

Project: Establishment of Baba Guru Nanak University Nankana Sahib. (Construction of Boundary Wall).

Our Ref. No. CL/CED/

83

Dated:

12-05-20

Your Ref. No.

165/N

Dated:

22-04-20

COMPRESSION TEST REPORT

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

Specimens received on:

28-04-20

Tested on:

11-05-20

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	A		8.8x4.4x2.9	3241	38.72	58	3360	
2	A		8.8x4.4x2.8	3201	38.72	63	3650	
3	A		8.9x4.3x2.9	3224	38.27	57	3340	
4	A		8.8x4.4x2.8	3209	38.72	56	3240	
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Department of Civil Engineering

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10098

Dr. M. Yousaf

To: Sub Divisional Officer

Building Sub Division, Nankana Sahib.

Project: Establishment of Baba Guru Nanak University Nankana Sahib. (Construction of Boundary Wall).

Our Ref. No. CL/CED/

84

Dated:

12-05-20

Your Ref. No.

166/N

Dated:

22-04-20

COMPRESSION TEST REPORT

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

Specimens received on:

28-04-20

Tested on:

11-05-20

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	MB		8.8x4.4x2.9	3410	38.72	47	2720	
2	MB		8.8x4.4x2.9	3395	38.72	63	3650	
3	MB		8.9x4.4x2.9	3411	39.16	62	3550	
4	MB		8.9x4.4x2.9	3399	39.16	48	2750	
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10038

To: **Sub Divisional Officer**

Dr. M. Yousaf

Buildings Sub Division, Nankana Sahib.

Project: Upgradation of Government Primary School Nabi Pur Piran Tehsil & District Nankana Sahib to Elementry Level.

Our Ref. No. CL/CED/

85

Dated:

12-05-20

Your Ref. No.

79/N

Dated:

27-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-03-20 Tested on: 27-04-20 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	313		8.7x4.3x2.7	3033	37.41	46	2760	
2	313		8.6x4.4x2.8	3109	37.84	52	3080	
3	313		8.7x4.3x2.8	3019	37.41	48	2880	
4	313		8.6x4.3x2.7	3079	36.98	46	2790	
5	313		8.7x4.3x2.7	3009	37.41	48	2880	
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Phone Nos. 042-99029202, 042-99029217

10063

To: (Ch. Liaqat Ali), Resident Engineer

Dr. M. Yousaf

G3 Engineering Consultant (Pvt) Ltd.

Project: Consult. Services for Resident Constt. Supervision of Provision of Missing Specialties for Up Gradation of DHQ Hospital to Teaching Hospital Gwa. (Group 1).

Our Ref. No. CL/CED/ 86 Dated: 12-05-20

Your Ref. No. G3/205/1191 Dated: 02-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-03-20 Tested on: 11-05-20 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	SS		9.0x4.5x3.0	3341	40.5	46	2550	
2	SS		9.0x4.4x3.0	3339	39.6	53	3000	
3	SS		9.0x4.5x3.0	3351	40.5	53	2940	
4	SS		9.0x4.5x2.9	3361	40.5	56	3100	
5	SS		9.0x4.4x2.9	3373	39.6	50	2830	
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