

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

1872 Dr.Burhan Sharif

To: Mr. Amjad Pervaiz (Asst. Executive Engineer, Civil)

KBCMA, CVAS Narowal. (M/s Sh. Iqbal Akhtar &Co.)

Project: Construction of Academic Block at College of Veterinary & Animal Sciences Narowal

Our Ref. No. CL/CED/ 5016 Dated: 28-09-21 <u>Test Specification</u>

Your Ref. No. A.E.E./NC/13 Dated: 02-09-21 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 10-09-21 Tested on: 27-09-21 in dry/wet condition





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Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	DHA				8.8x4.4x2.9	3516	3148	38.72	63	3645	11.69	
2	DHA				8.8x4.3x3.0	3518	3159	37.84	51	3019	11.36	
3	DHA				8.9x4.4x2.9	3532	3170	39.16	67	3832	11.42	
1	7UP				8.9x4.3x2.9	3557	3208	38.27	47	2751	10.88	
2	7UP				8.9x4.3x3.0	3530	3188	38.27	45	2634	10.73	
3	7UP				8.8x4.3x3.1	3544	3204	37.84	59	3493	10.61	
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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1880 Dr.Burhan Sharif

To: Mr. Qabil Said (Project Quantity Surveyor)

M/s Wings Consultant

Project: Renovation of Government Technical Training Institute and Government Staff Training College

Our Ref. No. CL/CED/ 5017 Dated: 28-09-21

Your Ref. No. WC/GTTI/LHR/01 Dated: 07-09-21

COMPRESSION TEST REPORT

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

Specimens received on: 13-09-21 Tested on: 27-09-21 in dry/wet condition



Test Specification

(----)



Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate		vvalei	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)					on (%)	
F-17				8.8x4.2x3.0	3758	3420	36.96	41	2485	9.88	
F-17				8.8x4.2x2.9	3618	3290	36.96	41	2485	9.97	
F-17				8.8x4.2x3.0	3518	3196	36.96	53	3212	10.08	
F-17				8.7x4.2x2.9	3558	3235	36.54	37	2268	9.98	
F-17				8.8x4.2x2.8	3564	3240	36.96	39	2364	10	
A-10				8.9x4.2x2.9	3655	3325	37.38	45	2697	9.92	
A-10				8.7x4.1x2.9	3761	3425	35.67	75	4710	9.81	
A-10				8.9x4.2x2.8	3541	3210	37.38	47	2816	10.31	
A-10				8.7x4.2x2.8	3635	3300	36.54	59	3617	10.15	
A-10				8.8x4.2x2.9	3694	3365	36.96	84	5091	9.78	
	F-17 F-17 F-17 A-10 A-10 A-10 A-10	Mark* DD F-17 F-17 F-17 F-17 A-10 A-10 A-10 A-10 -	Mark* DD MM F-17 F-17 F-17 F-17 A-10 A-10 A-10 A-10 A-10	F-17 F-17 F-17 F-17 F-17 A-10 A-10 A-10 A-10 A-10 A-10 A-10	Mark* DD MM YYYY (in) F-17 8.8x4.2x3.0 F-17 8.8x4.2x2.9 F-17 8.8x4.2x3.0 F-17 8.7x4.2x2.9 F-17 8.8x4.2x2.8 A-10 8.9x4.2x2.9 A-10 8.7x4.1x2.9 A-10 8.9x4.2x2.8 A-10 8.7x4.2x2.8 A-10 8.7x4.2x2.8 A-10 8.8x4.2x2.8 A-10 8.8x4.2x2.8 A-10 8.8x4.2x2.8 A-10 8.8x4.2x2.9	Mark* Casting Date* Size Weight DD MM YYYY (in) (Kg/gms) F-17 8.8x4.2x3.0 3758 F-17 8.8x4.2x2.9 3618 F-17 8.8x4.2x3.0 3518 F-17 8.7x4.2x2.9 3558 F-17 8.8x4.2x2.8 3564 A-10 8.9x4.2x2.9 3655 A-10 8.7x4.1x2.9 3761 A-10 8.7x4.2x2.8 3541 A-10 8.7x4.2x2.8 3635 A-10 8.8x4.2x2.9 3694	Mark*	Mark* Casting Date* DD MM YYYY Size (in) Weight (Kg/ gms) X-Section (Sq. in) F-17 8.8x4.2x3.0 3758 3420 36.96 F-17 8.8x4.2x2.9 3618 3290 36.96 F-17 8.8x4.2x3.0 3518 3196 36.96 F-17 8.7x4.2x2.9 3558 3235 36.96 F-17 8.7x4.2x2.9 3558 3235 36.96 F-17 8.8x4.2x2.9 3564 3240 36.96 F-17 8.9x4.2x2.8 3564 3240 36.96 A-10 8.7x4.1x2.9 3761 3425 35.67 A-10 8.7x4.2x2.8 3635 3300 36.54 A-10 8.8x4.2x2.9 3694 3365 36.96	Mark* Casting Date* Size Weight (Kg/ gms) X-Section (Sq. in) Load (Imp.Tons) F-17 8.8x4.2x3.0 3758 3420 36.96 41 F-17 8.8x4.2x2.9 3618 3290 36.96 41 F-17 8.8x4.2x3.0 3518 3196 36.96 53 F-17 8.7x4.2x2.9 3558 3235 36.54 37 F-17 8.8x4.2x2.8 3564 3240 36.96 39 A-10 8.9x4.2x2.8 3565 3325 37.38 45 A-10 8.7x4.1x2.9 3761 3425 35.67 75 A-10 8.9x4.2x2.8 3635 3300 36.54 59 A-10 8.8x4.2x2.9 3694 3365 36.96 84	Mark* Casting Date* Size Weight (Kg/ gms) Weight (Kg/ gms) X-Section load (Sq. in) (Imp.Tons) (psi) F-17 8.8x4.2x3.0 3758 3420 36.96 41 2485 F-17 8.8x4.2x2.9 3618 3290 36.96 41 2485 F-17 8.8x4.2x3.0 3518 3196 36.96 53 3212 F-17 8.8x4.2x2.9 3558 3235 36.54 37 2268 F-17 8.8x4.2x2.8 3564 3240 36.96 39 2364 A-10 8.9x4.2x2.8 3564 3240 36.96 39 2364 A-10 8.9x4.2x2.9 3655 3325 37.38 45 2697 A-10 8.9x4.2x2.8 3541 3210 37.38 47 2816 A-10	Mark* Casting Date* DD MM YYYY Size (in) Weight (Kg/ gms) Weight (Kg/ gms) X-Section (Sq. in) load (Imp.Tons) Stress (psi) Absorpti on (%) F-17 8.8x4.2x3.0 3758 3420 36.96 41 2485 9.88 F-17 8.8x4.2x3.0 3518 3290 36.96 41 2485 9.97 F-17 8.8x4.2x3.0 3518 3196 36.96 53 3212 10.08 F-17 8.7x4.2x2.9 3558 3235 36.54 37 2268 9.98 F-17 8.8x4.2x2.8 3564 3240 36.96 39 2364 10 A-10 8.9x4.2x2.9 3655 3325 37.38 45 2697 9.92 A-10 8.9x4.2x2.8 3541 3210 37.38 47 2816 10.31 A-10

Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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> 1907 Dr. Umbreen

To: Sub Divisional Officer

Building Sub Division Nankana Sahib

Project: Construction of Baba Guru Nanak University at Nankana Sahib (Phase-I) Group.1 (ADP Scheme

No.254 Year 2021-21)

Our Ref. No. CL/CED/ 5018

Dated: 28-09-21

Test Specification

Your Ref. No. No. 167/SDO/BSD/NNS

Dated: 06-09-21

(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 15-09-21 Tested on: 23-09-21 in dry/wet condition





Sr. No.	Mark*		Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	RCC (1:2:4)	 	2021	6x6x6		8.8	36	81	5040		Engraved
2	RCC (1:2:4)	 	2021	6x6x6		8.6	36	69	4293		Engraved
3	RCC (1:2:4)	 	2021	6x6x6		8.8	36	67	4169		Engraved
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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1949 Dr.Burhan Sharif

To: Engr. Nadeem Mahmood

M/s Civil & Urban Engineers, Lahore.

Our Ref. No. CL/CED/ 5019

Project: Construction of NOVATEX Ltd. FIEDMC, Faislabad.

Your Ref. No. Dated: 21-06-21

(BS 1881-116)

Dated:

28-09-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-09-21 Tested on: 27-09-21 in dry/wet condition



Test Specification



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Uni-Block Grey				3.1 Thick		4345	37.42	71	4250		
2	Uni-Block Grey				3.1 Thick		4260	37.42	63	3771		
3	Uni-Block Grey				3.1 Thick		4265	37.42	71	4250		
4	Uni-Block Grey				3.1 Thick		4508	37.42	106	6345		
5	Uni-Block Grey				3.1 Thick	GINE	4208	37.42	67	4011		
6	Uni-Block Grey				3.1 Thick	READIN	4110	37.42	47	2813		
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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ORIGINAL

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1893 Dr. Umbreen

To: M. Saleem (GM)

M/s Professional Construction Services (PVt.) Ltd. Lahore

Project: Construction of Khalil & Naushaba's House Aitchison College

 Our Ref. No. CL/CED/
 5020
 Dated:
 28-09-21
 Test Specification

 Your Ref. No.
 PCS/21/Eng/-103-A
 Dated:
 13-09-21
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13-09-21 Tested on: 27-09-21 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Column (1:1.5:3)	7	8	2021	6x6x6		15	36	41	2551		Non Engraved
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Witness	ad by											

Witnessed by:

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- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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1893 Dr. Umbreen

To: M. Saleem (GM)

M/s Professional Construction Services (PVt.) Ltd. Lahore

Project: Construction of Khalil & Naushaba's House Aitchison College

 Our Ref. No. CL/CED/
 5021
 Dated:
 28-09-21
 Test Specification

 Your Ref. No.
 PCS/21/Eng/-103-B
 Dated:
 13-09-21
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13-09-21 Tested on: 27-09-21 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Column (1:1.5:3)	7	8	2021	6x6x6		14.4	36	59	3671		Non Engraved
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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> 1893 Dr. Umbreen

To: M. Saleem (GM)

M/s Professional Construction Services (PVt.) Ltd. Lahore

Project: Construction of Khalil & Naushaba's House Aitchison College

 Our Ref. No. CL/CED/
 5022
 Dated:
 28-09-21
 Test Specification

 Your Ref. No.
 PCS/21/Eng/-102-B
 Dated:
 13-09-21
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13-09-21 Tested on: 27-09-21 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	First Slab (1:2:4)	17	7	2021	6x6x6		14.2	36	75	4667		Non Engraved
2	First Slab (1:2:4)	17	7	2021	6x6x6		14	36	45	2800		Non Engraved
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Witnessed by:

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1893 Dr. Umbreen

To: M. Saleem (GM)

M/s Professional Construction Services (PVt.) Ltd. Lahore

Project: Construction of Khalil & Naushaba's House Aitchison College

 Our Ref. No. CL/CED/
 5023
 Dated:
 28-09-21
 Test Specification

 Your Ref. No.
 PCS/21/Eng/-102-A
 Dated:
 13-09-21
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13-09-21 Tested on: 27-09-21 in dry/wet condition





Sr. No.	Mark*	Cas	Casting Date* DD MM YYYY	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks	
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	First Slab (1:2:4)	17	7	2021	6x6x6		14.4	36	75	4667		Non Engraved
2	First Slab (1:2:4)	17	7	2021	6x6x6		14	36	45	2800		Non Engraved
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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1893 Dr. Umbreen

To: M. Saleem (GM)

M/s Professional Construction Services (PVt.) Ltd. Lahore

Project: Construction of Khalil & Naushaba's House Aitchison College

 Our Ref. No. CL/CED/
 5024
 Dated:
 28-09-21
 Test Specification

 Your Ref. No.
 PCS/21/Eng/-102-A
 Dated:
 13-09-21
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13-09-21 Tested on: 27-09-21 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	First Slab (1:2:4)	17	7	2021	6x6x6		14.4	36	71	4418		Non Engraved
2	First Slab (1:2:4)	17	7	2021	6x6x6		14	36	41	2551		Non Engraved
3												
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 1927 Dr. Umbreen

To: M.rM. Danish Khurshid (Mananger Construction)

M/s Orient Electronics (Pvt.) Ltd. Lahore.

Project: Construction of Orient Square Hotel Tower Johar Town

Our Ref. No. CL/CED/ 5025 Dated: 28-09-21 <u>Test Specification</u>
Your Ref. No. Osh-SO/UET/Cylinder Test/200921-43 Dated: 20-09-21 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20-09-21 Tested on: 27-09-21 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Ground Floor	12	9	2021	6x6x6		14.2	39	67	3848		Non Engraved
2	Ground Floor	12	9	2021	6x6x6		14.4	39	63	3618		Non Engraved
3	Ground Floor	12	9	2021	6x6x6		14.4	39	67	3848		Non Engraved
4												
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 1937 Dr. Umbreen

To: Mr. Khalid Mahmood (Resident Engineer)

Our Ref. No. CL/CED/ 5026

NESPAK (Pvt.) Ltd. Lahore. (M/s TurkPak Inetrnational Ltd.)

Project: Resident Construction Supervision for Establishment of Dera Ghazi Khan Institute of Cardiology

Troject. Resident Construction Cupervision for Establishment of Bera Chazr Khair mentate of Cardiology

Dated:

28-09-21

Your Ref. No. 4161/RE/SFMKB/DGK/503 Dated: 18-09-21

Test Specification

COMPRESSION TEST REPORT

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

Specimens received on: 21-09-21 Tested on: 27-09-21 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Hollow Block				11.8x7.8x7.9		18.4	58.72	35	1335		
2	Hollow Block				11.8x7.8x8.0		19.2	58.72	55	2098		
3	Hollow Block				11.8x7.8x7.9		19.4	58.72	45	1717		
4	Solid Block				11.9x3.9x8.0		13.8	46.41	41	1979		
5	Solid Block				11.9x3.9x8.0	GINE	RI 14	46.41	35	1689		
6	Solid Block				11.9x3.9x8.0	READIN	13.6	46.41	39	1882		
7	Solid Block				11.8x5.9x8.0	DHE NAME OF THY LIGHT WHO	21.8	69.62	130	4183		
8	Solid Block				11.8x5 <mark>.9</mark> x8.0	رشيا	22	69.62	98	3153		
9	Solid Block				11.9x5.9x8.0		21	69.62	92	2960		
10	Solid Block				11.9x7.9x8.0	LA	25	94.01	57	1358		
11	Solid Block				11.9x7.9x8.0		27	94.01	96	2287		
12	Solid Block				11.9x7.9x8.0		22	94.01	86	2049		
13												
14												
15												
16												

Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 1928 Dr.Aqsa

To: Mr.M.Awais Khan (FM Works Div)

Our Ref. No. CL/CED/ 5027

M/s SUPARCO Office Works Division P.O Punjab University Samsani Road, Lahore

Project: Construction of Staff Hostel with Allied Facilities at Kala Shah Kaku Lahore

Your Ref. No. 63301(04) Works /Div/SRDC-L Dated: 06-08-21

Dated:

28-09-21

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20-09-21 Tested on: 28-09-21 in dry/wet condition





							,					
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	RCC Slab (1:2:4)	9	7	2021	6Diax12		13	28.28	23	1822		Non Engraved
2	RCC Slab (1:2:4)	9	7	2021	6Diax12		12.8	28.28	23	1822		Non Engraved
3												
4												
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 1942 Dr.Aqsa

To: Mr. Asif Pervaiz Butt (Resident Engineer)
M/s AYQ Developers (Pvt,) Ltd. Lahore.

Project: Nil

Our Ref. No. CL/CED/ 5028

Dated:

Test Specification

Your Ref. No. Nil

Dated: 21-09-21

28-09-21

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 21-09-21 Tested on: 28-09-21 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	(4000) Psi	13	9	2021	6Diax12		14	28.28	80	6337		Non Engraved
2	(4000) Psi	13	9	2021	6Diax12		13.8	28.28	72	5703		Non Engraved
3	(4000) Psi	13	9	2021	6Diax12		14.2	28.28	52	4119		Non Engraved
4												
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 1946 Dr. Aqsa

To: Mr. Junaid Mughal (Architect)

M/s J.M Architects, Lahore.

Project: Farm House Bedian Road

Our Ref. No. CL/CED/ 5029 Dated: 28-09-21

Your Ref. No. Nil Dated: 22-09-21

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 21-09-21 Tested on: 28-09-21 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight		Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
4				1	• •		(Kg/ gms)					F.,
1		20	8	2021	6Diax12		14.4	28.28	45	3564		Engraved
2		20	8	2021	6Diax12		15	28.28	46	3644		Engraved
3												
4												
5						CETME	RIATE					
6						READW	200					
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 1970 Dr. Aqsa

To: Lt Col. Ubaid Ur Rehman (Retd)

SPM (JV) PEC Bldg Proj

Project: Construction of PEC Regional Office, Lahore.

Our Ref. No. CL/CED/ 5030 Dated:

Your Ref. No. 901-NLC-TD (JV) PEC/333 Dated: 27-09-21

Test Specification
(ASTM C39)

28-09-21

COMPRESSION TEST REPORT

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

Specimens received on: 27-09-21 Tested on: 28-09-21 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
01.110.	Mark	DD	ММ	YYYY	(in)	_	(Kg/ gms)		(Imp.Tons)		on (%)	Remarks
1	1243	20	8	2021	6Diax12		14	28.28	95	7525		Non Engraved
2	1244	20	8	2021	6Diax12		13.8	28.28	83	6574		Non Engraved
3	1247	20	8	2021	6Diax12		13.4	28.28	81	6416		Non Engraved
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12										-		
13												
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16												

Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 1965 Dr. Aqsa

To: Mr.M. Azeem (Operation Manager)

M/s Amer Adnan Associates, Lahore.

Project: Construction of Hotel building at 24-A Block E/2 Gulberg III Lahore.

 Our Ref. No. CL/CED/
 5031
 Dated:
 28-09-21
 Test Specification

 Your Ref. No.
 AAA/24A/0049
 Dated:
 24-0-2021
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24-09-21 Tested on: 28-09-21 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	(5000) psi	10	9	2021	6Diax12		13	28.28	42	3327		Non Engraved
2	(5000) psi	10	9	2021	6Diax12		15	28.28	56	4436		Non Engraved
3												
4												
5					/	GINE	RINE					
6						READIN	200					
7						DHE NAME OF THY LIGHT WHO	JE	-				
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 **ORIGINAL**

A carbon copy for the report has been retained in the lab for record.

> 1947 Dr. Aqsa

To: Mr. Tahawar Owais (Manager Civil)

Our Ref. No. CL/CED/ 5032

M/s Casa Grande Ventures (Pvt.) Ltd. Lahore.

Project: Construction of Apartment Building at 94-G Gulberg-III, Lahore.

Your Ref. No.

Dated: 17-09-21 (ASTM C39)

Dated:

28-09-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-09-21 Tested on: 28-09-21 in dry/wet condition



Test Specification



Sr. No.	Mark*	Cas	Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		13	8	2021	6Diax12		14.2	28.28	63	4990		Non Engraved
2		13	8	2021	6Diax12		14.6	28.28	62	4911		Non Engraved
3		13	8	2021	6Diax12		14.6	28.28	95	7525		
4		15	8	2021	6Diax12		14	28.28	74	5861		
5		15	8	2021	6Diax12	GINE	RI 14	28.28	72	5703		
6		15	8	2021	6Diax12	T READ IN	13.4	28.28	71	5624		
7		23	8	2021	6Diax12	DE THY LIDED WHO	14.2	28.28	80	6337		
8		23	8	2021	6Diax12	ظلا	14.4	28.28	103	8158		
9		23	8	2021	6Diax12	%	14	28.28	65	5149		
10		27	8	2021	6Diax12	-UA	14	28.28	75	5941		
11		27	8	2021	6Diax12		14.4	28.28	85	6733		
12		28	8	2021	6Diax12		13	28.28	75	5941		
13		28	8	2021	6Diax12		13.8	28.28	76	6020		
14		28	8	2021	6Diax12		13.2	28.28	39	3089		
15												
16												
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 1969 Dr. Aqsa

To: Mr. Nauman Riaz

M/s FKA Enterprises, Lahore.

Project: Construction of Bedian Road Theathor Village Farm House Dera Khan

Our Ref. No. CL/CED/ 5033 Dated: 28-09-21 <u>Test Specification</u>

Your Ref. No. Nil Dated: 27-09-21 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 27-09-21 Tested on: 28-09-21 in dry/wet condition





		1				1			1	ı	ı	
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		16	9	2021	6Diax12		13.8	28.28	36	2851		Engraved
2		17	9	2021	6Diax12		14	28.28	18	1426		Engraved
3		19	9	2021	6Diax12		13.8	28.28	31	2455		Engraved
4												
5						GINE	RING					
6						READIN	200					
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 1966 Dr. Aqsa

To: Mr. Danish Khurshid (Manager Constructions)

M/s Orient Electronics (Pvt.) Ltd. Lahore.

Project: Construction of Orient Square Hotel Tower Johar Town

Our Ref. No. CL/CED/ 5034 Dated: 28-09-21 <u>Test Specification</u>

Your Ref. No. OSH-Cylinder Test-270921-44 Dated: 27-09-21

COMPRESSION TEST REPORT

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

Specimens received on: 27-09-21 Tested on: 28-09-21 in dry/wet condition



(ASTM C39)



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section (Sq. in)	load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	B2 (Zone -03)	20	9	2021	(in) 6Diax12	(Kg/ gills)	(Kg/ gms)	28.28	(Imp.Tons) 59	(psi) 4673		Non Engraved
2	B2 (Zone -03)	20	9	2021	6Diax12		14.4	28.28	56	4436		Non Engraved
3	B2 (Zone -03)	20	9	2021	6Diax12		14.6	28.28	57	4515		Non Engraved
4												
5					/	GINE	RINE					
6						READIN	200					
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 1971 Dr. Aqsa

To: M/s Shahid Builders (Pvt.) Ltd.

Lahore.

Project: Construction of Labard Rehabilitation & Vocational Training Centre Location Harbunspura Lahore.

Our Ref. No. CL/CED/ 5034 Dated: 28-09-21

Your Ref. No. SBL/2021/113 Dated: 27-09-21

Test Specification

(----)

COMPRESSION TEST REPORT

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

Specimens received on: 27-09-21 Tested on: 28-09-21 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular Grey				7.8x3.9x2.3		2720	30.42	129	9499		
2	Rectangular Grey				7.8x3.9x2.3		2710	30.42	100	7364		
3	Rectangular Grey				7.8x3.9x2.3		2870	30.42	126	9278		
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 1972 Dr. Aqsa

To: M/s Shahid Builders (Pvt.) Ltd.

Lahore.

Project: Construction of Labard Rehabilitation & Vocational Training Centre Location Harbunspura Lahore.

Our Ref. No. CL/CED/ 5035 Dated: 28-09-21 <u>Test Specification</u>

Your Ref. No. SBL/2021/114 Dated: 27-09-21

COMPRESSION TEST REPORT

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

Specimens received on: 27-09-21 Tested on: 28-09-21 in dry/wet condition



(----)



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular Grey				7.8x3.9x2.3		2825	30.42	115	8468		
2	Rectangular Grey				7.8x3.9x2.3		2830	30.42	133	9794		
3	Rectangular Grey				7.8x3.9x2.3		2780	30.42	73	5375		
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 1967 Dr. Aqsa

To: Umair Maqsood (Sub Divisional Officer)
Building Sub Division, Assembly, Lahore.

Project: Construction of MPA Hostel (Phase -II) (Group No.2)

 Our Ref. No. CL/CED/
 5036
 Dated:
 28-09-21
 Test Specification

 Your Ref. No.
 No.713
 Dated:
 22-09-21
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 27-09-21 Tested on: 28-09-21 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII (78)	
1	Upper Basement Slab (1:2:4)	18	8	2021	6x6x6		8.8	36	68	4231		Non Engraved
2	Upper Basement Slab (1:2:4)	18	8	2021	6x6x6		8.8	36	71	4418		Non Engraved
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Witnessed by:

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- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.