

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.

> 3088 Dr. Mazhar

To: Mr. Sh Muhammad Tariq, Engineer REC

The Help Care Society (TAC).

Project: Costruction of Extension Block (The Help Care Society) TAC School Johar Town, Lahore. (M/S

Muhammad Ashfaq Ch & Sons Pvt. Ltd.).

JTC EXT-13

Our Ref. No. CL/CED/ 8573

Your Ref. No.

Dated: 14-04-22

Test Specification
(ASTM C39)

Dated: 05-04-22

COMPRESSION TEST REPORT

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

Specimens received on: 07-04-22 Tested on: 13-04-22 in dry/wet condition





Sr. No.	Mark*		Casting Date*		Size	Wet Weight		Area of X-Section			Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	RCC 1st Floor Columns	26	3	2022	6Diax12		14	28.28	31	2455		Non Engraved
2	RCC 1st Floor Columns	26	3	2022	6Diax12		14	28.28	29	2297		Non Engraved
3	RCC 1st Floor Columns	26	3	2022	6Diax12		13.8	28.28	27	2139		Non Engraved
4												
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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 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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ORIGINAL

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> 3108 Dr. Aqsa

To: Sub Divisional Officer

Your Ref. No.

Public Health Engineering Sub Division Khushab

211/KHB

Project: Water Supply Scheme/ Drainage/ PCC Slab/ Road / Street/ Janazagah UC KUFRI District Khushab

(PP-82). (Govt. Contractor; M/S Al-Maghfrah Associates).

Our Ref. No. CL/CED/ 8574

Dated: 14-04-22

Test Specification
(BS 1881-116)

Dated: 04-04-22

COMPRESSION TEST REPORT

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

Specimens received on: 11-04-22 Tested on: 12-04-22 in dry/wet condition





Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	1:2:4	2	3	2022	6x6x6		8	36	69	4293		Non Engraved
2	1:2:4	2	3	2022	6x6x6		8	36	83	5164		Non Engraved
3												
4												
5					/	GINE	RINE					
6						READW						
7			-			DHE NIGGE OF THY LIDRO WHO	147	-				
8			ł		SS			iNo				
9						-						
10						-LA	OR*					
11							-					
12			-									
13												
14												
15												
16												

Witnessed by:

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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 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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ORIGINAL

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> 3108 Dr. Aqsa

To: Sub Divisional Officer

Public Health Engineering Sub Division Khushab

Project: Provision of Filtration Plant, Water Supply, Drainage, PCC Slab, Road UC BOTALA District

Khushab (NA-94). (Govt. Contractor; M/S Al-Nafay Construction).

Our Ref. No. CL/CED/ 8575

Dated: 14-04-22

Test Specification
(BS 1881-116)

Your Ref. No. 220/KHB

Dated: 06-04-22

COMPRESSION TEST REPORT

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

Specimens received on: 11-04-22 Tested on: 12-04-22 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	1:2:4	4	3	2022	6x6x6		8	36	97	6036		Non Engraved
2	1:2:4	4	3	2022	6x6x6		8	36	63	3920		Non Engraved
3												
4												
5					/	GHE	RINE					
6						READIN	200					
7						DE NAME OF THY LIDRO WHO	-E.	<u> </u>				
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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 comprerssive strength

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> 3108 Dr. Aqsa

To: **Sub Divisional Officer**

Your Ref. No.

Public Health Engineering Sub Division Khushab

210/KHB

Project: Provision of Water Supply / Hand Pump / Drainage / PCC Slab / Janazagah UC KURRAR District

Khushab (NA-93). (Govt. Contractor; M/S Al-Maghfrah Associates).

Our Ref. No. CL/CED/ 8576

Dated:

Test Specification (BS 1881-116)

04-04-22 Dated:

14-04-22

COMPRESSION TEST REPORT

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

in dry/wet condition 11-04-22 Tested on: 12-04-22 Specimens received on:





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	1:2:4	2	3	2022	6x6x6		8	36	71	4418		Non Engraved
2	1:2:4	2	3	2022	6x6x6		7.8	36	69	4293		Non Engraved
3												
4												
5					/	GINE	RINA					
6						READIN	200	X				
7						DHE NAME OF THY LIDRO WHO	JE	<u></u>				
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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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> 3108 Dr. Aqsa

To: **Sub Divisional Officer**

Public Health Engineering Sub Division Khushab

Project: Provision of Water Supply / Hand Pump / Drainage / PCC Slab / Janazagah UC WAHEER District

Khushab (NA-93). (Govt. Contractor; M/S Al-Nafay Construction).

Our Ref. No. CL/CED/ 8577

Dated: 14-04-22

Your Ref. No. 204/KHB 02-04-22 Dated:

Test Specification

(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 11-04-22 Tested on: 12-04-22 in dry/wet condition



Sr. No.	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	1:2:4	1	3	2022	6x6x6		7	36	34	2116		Non Engraved
2	1:2:4	1	3	2022	6x6x6		7.8	36	63	3920		Non Engraved
3												
4												
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14												
15												
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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

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> 3108 Dr. Aqsa

To: Sub Divisional Officer

Public Health Engineering Sub Division Khushab

Project: Provision of Water Supply / Hand Pump / Drainage / PCC Slab / Janazagah UC KATHA SAGHRAL

District Khushab (NA-93). (Govt. Contractor; M/S Al-Maghfrah Associates).

Our Ref. No. CL/CED/ 8578 Dated

Your Ref. No. 203/KHB Dated: 02-04-22

Test Specification

14-04-22

(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 11-04-22 Tested on: 12-04-22 in dry/wet condition





Sr. No.	Mark*	Cas			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	1:2:4	1	3	2022	6x6x6		7.8	36	83	5164		Non Engraved
2	1:2:4	1	3	2022	6x6x6		7.2	36	47	2924		Non Engraved
3												
4												
5					/	GINE	RINE					
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16												

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 comprerssive strength

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> 3108 Dr. Aqsa

To: Sub Divisional Officer

Public Health Engineering Sub Division Khushab

Project: Provision of Filtration Plant, Water Supply, Drainage, Sewerage, Pavement of Street Shabbir Colony, Ramzan Colony, Jauharabad District Khushab (NA-94). (Govt. Contractor; M/S Al-Maghfrah

Our Ref. No. CL/CED/ 8579

Dated: 14-04-22

Your Ref. No. 213/KHB Dated: 05-04-22

Test Specification

(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 11-04-22 Tested on: 12-04-22 in dry/wet condition





Sr. No.	Mark*	Casting 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	1:2:4	7	3	2022	6x6x6		8	36	94	5849		Non Engraved
2	1:2:4	7	3	2022	6x6x6		7.8	36	74	4604		Non Engraved
3												
4												
5					/	GINE	RINA					
6						READIN	200	X				
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14												
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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
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ORIGINAL

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> 3108 Dr. Aqsa

To: Sub Divisional Officer

Public Health Engineering Sub Division Khushab

Project: Provision of Filtration Plant, Water Supply, Drainage, Pavement of Street Al-Awan Town

Jauharabad District Khushab (NA-94). (Govt. Contractor; M/S Al-Nafay Construction).

Our Ref. No. CL/CED/ 8580 Dated: 14-04-22

Your Ref. No. 215/KHB Dated: 05-04-22

Test Specification

(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 11-04-22 Tested on: 12-04-22 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	1:2:4	4	3	2022	6x6x6		7.8	36	66	4107		Non Engraved
2	1:2:4	4	3	2022	6x6x6		7.6	36	72	4480		Non Engraved
3												
4												
5					/	GINE	RING					
6						READIN	200	X				
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15												
16												

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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
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ORIGINAL

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> 3108 Dr. Aqsa

To: Sub Divisional Officer

Public Health Engineering Sub Division Khushab

Project: Provision of Filtration Plant, Water Supply, Drainage, Pavement of Street UC Hadali Urban and

Rural District Khushab (NA-94). (Govt. Contractor; M/S Al-Nafay Construction).

Our Ref. No. CL/CED/ 8581 Dated:

Your Ref. No. 221/KHB Dated: 06-04-22

Test Specification

(BS 1881-116)

14-04-22

COMPRESSION TEST REPORT

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

Specimens received on: 11-04-22 Tested on: 12-04-22 in dry/wet condition





Mark*				Size (in)	Wet Weight (Kg/ gms)			load	Stress	water	Remarks
1:2:4	7	3	2022	6x6x6		7.2	36	46	2862		Non Engraved
1:2:4	7	3	2022	6x6x6		7.6	36	67	4169		Non Engraved
				/	GINE	RINE					
					READIN	200					
					DHE NAME OF THY LIDRO WHO	-E.	-				
				es		E SOL	ON!				
				🤇	"-LA	IORE.					
	1:2:4 1:2:4	Mark* DD 1:2:4 7 1:2:4 7	Mark* DD MM 1:2:4 7 3 1:2:4 7 3	1:2:4 7 3 2022 1:2:4 7 3 2022	DD MM YYYY	Mark* Casting Date* Size Weight	Mark* Casting Date* Size Weight Weight	Mark* Casting Date* Size Weight Weight X-Section (Kg/ gms) (Kg/ gms) (Kg/ gms) (Sq. in) 1:2:4 7 3 2022 6x6x6 7.2 36 1:2:4 7 3 2022 6x6x6 7.6 36	Mark* Casting Date* Size Weight Weight Weight X-Section load (Sq. in) (Imp.Tons)	Mark* Casting Date* Size Weight Weight X-Section load Stress (Kg/gms) (Kg/gms) (Kg/gms) (Kg/gms) (Kg/gms) (Imp.Tons) (psi) 1:2:4	Mark* Casting Date* Size Weight Weight X-Section load Stress Absorption (%)

Witnessed by:

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- 1. * as engraved on the specimens (if any)
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ORIGINAL

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> 3108 Dr. Aqsa

To: Sub Divisional Officer

Public Health Engineering Sub Division Khushab

Project: Construction of Sewerage, Drainage, Sanitation and Water Supply Schemes in UC Waheer District

Khushab (PP-83). (Govt. Contractor; M/S Malik Muhammad Irshad Awan.).

Our Ref. No. CL/CED/ 8582

Dated: 14-04-22

Test Specification

Your Ref. No. 163/A/KHB

Dated: 24-03-22

(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 11-04-22 Tested on: 12-04-22 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	1:2:4	24	2	2022	6x6x6		8.2	36	81	5040		Non Engraved
2	1:2:4	24	2	2022	6x6x6		8	36	91	5662		Non Engraved
3												
4												
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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL

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> 3042 Dr. Mazhar

To: Engr. Muhammad Waqas Younis Maintenance Engineer PU, Lahore

Project: Costruction of School of Economics at Q.A.C. University of the Punjab, Lahore.

 Our Ref. No. CL/CED/
 8583
 Dated:
 14-04-22
 Test Specification

 Your Ref. No.
 D-752-ME-IV
 Dated:
 22-03-22
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 31-03-22 Tested on: 13-04-22 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
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	1:1.5:3, Columns	12	2	2022	6Diax12		13.4	28.28	90	7129		Engraved
2	1:1.5:3, Columns	12	2	2022	6Diax12		13.4	28.28	63	4990		Engraved
3	1:1.5:3, Columns	12	2	2022	6Diax12		13.2	28.28	96	7604		Engraved
4	1:1.5:3, Columns	15	2	2022	6Diax12		13.4	28.28	69	5465		Engraved
5	1:1.5:3, Columns	15	2	2022	6Diax12	GINE	RI 14	28.28	65	5149		Engraved
6	1:1.5:3, Columns	15	2	2022	6Diax12	READW	13.6	28.28	83	6574		Engraved
7	1:1.5:3, Columns	18	2	2022	6Diax12	DHE NAME OF THY LORD WHO	- 13	28.28	53	4198		Engraved
8	1:1.5:3, Columns	18	2	2022	6Diax12	ظيا	13	28.28	81	6416		Engraved
9	1:1.5:3, Columns	18	2	2022	6Diax12	\(\frac{1}{2}\)	13	28.28	69	5465		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 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.

> 3069 Dr. Mazhar

To: Mr. Usman

Usman Ibrahim Construction

Our Ref. No. CL/CED/ 8584

Project: AL-Fatah E-Mall Main Boulevard Gulberg, Lahore.

Your Ref. No. Nil Dated: 04-04-22

Dated:

14-04-22

COMPRESSION TEST REPORT

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

Specimens received on: 04-04-22 Tested on: 13-04-22 in dry/wet condition



Test Specification

(ASTM C39)



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		22	3	2022	6Diax12		12.4	28.28	55	4356		Non Engraved
2		22	3	2022	6Diax12		12.8	28.28	67	5307		Non Engraved
3		22	3	2022	6Diax12		13.4	28.28	71	5624		Non 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 compressive strength

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- 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.

> 3105 Dr. Mazhar

To: Mr. Nasir Nadeem, Head of Department

Design and Construction Department-HO City Schools (Pvt) Ltd.

Project: Bahria Campus Lahore Phase-II.

Our Ref. No. CL/CED/ 8585 Dated: 14-04-22 <u>Test Specification</u>

Your Ref. No. TCS/D&C/HO/001/2023 Dated: 07-04-22

COMPRESSION TEST REPORT

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

Specimens received on: 11-04-22 Tested on: 13-04-22 in dry/wet condition



(ASTM C39)



Sr. No. Mark*				Size	Wet Weight				Stress	Absorpti	Remarks
		MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
(1:2:4)	7	3	2022	6Diax12		13	28.28	51	4040		Engraved
(1:2:4)	7	3	2022	6Diax12		13	28.28	41	3248		Engraved
RCC Footing (1:2:4)	7	3	2022	6Diax12		13	28.28	49	3881		Engraved
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	RCC Footing (1:2:4) RCC Footing (1:2:4) RCC Footing (1:2:4)	Mark* DD RCC Footing (1:2:4) RCC Footing (1:2:4) RCC Footing (1:2:4)	Mark* DD MM RCC Footing (1:2:4) 7 3 RCC Footing 7 3 RCC Footing 7 3 (1:2:4) 7 3	DD MM YYYY RCC Footing (1:2:4) 7 3 2022 RCC Footing (1:2:4) 7 3 2022 RCC Footing (1:2:4) 7 3 2022 7 3 2022 7 3 2022 7 3 2022 7 3 2022 7 3 2022 7 3 2022 7 3 2022 7 3 2022 7 3 2022 7 3 2022 7 3 2022 7 3 2022 2 2 2 2 2 2	DD MM YYYY	Mark* Casting Date* Size Weight	Mark* DD MM YYYY	Mark* Casting Date* Size Weight Weight X-Section RCC Footing (1:2:4) 7 3 2022 6Diax12 13 28.28 28.28 RCC Footing (1:2:4) 7 3 2022 6Diax12 13 28.28 RCC Footing (1:2:4) 7 3 2022 6Diax12 13 28.28	Mark*	Mark* Casting Date* DD MM YYYY Size DD MM YYYY Weight (Kg/ gms) X-Section (Sq. in) (Imp.Tons) Stress (psi) RCC Footing (1:2:4) 7 3 2022 6Diax12 13 28.28 51 4040 RCC Footing (1:2:4) 7 3 2022 6Diax12 13 28.28 41 3248 RCC Footing (1:2:4) 7 3 2022 6Diax12 13 28.28 49 3881	Mark* Casting Date* Size Weight Weight Weight (Kg/gms) X-Section load (Sq. in) (Imp.Tons) Water Absorption (psi) on (%) RCC Footing (1:2:4) 7 3 2022 6Diax12 13 28.28 51 4040

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

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



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ORIGINAL

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

> 2997 Dr. Mazhar

To: Mr. M. K. Jamil, Principal Architect & CEO

Design Simulation Architects & Interior Designers

Project: Allied Bank Building Daiwal Branch.

Our Ref. No. CL/CED/ 8586

Dated:

Test Specification

Your Ref. No. Nil

Dated:

14-04-22

22-03-22

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24-03-22 Tested on: 13-04-22 in dry/wet condition



Sr. No.	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	G.F. Columns	12	4	2021	6Diax12		13.2	28.28	37	2931		Non Engraved
2	G.F. Columns	12	4	2021	6Diax12		12.8	28.28	43	3406		Non Engraved
3	G.F. Slab	10	5	2021	6Diax12		13	28.28	59	4673		Non Engraved
4	G.F. Slab	10	5	2021	6Diax12		13	28.28	63	4990		Non Engraved
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Witnessed by

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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 comprerssive strength

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- 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.

> 3075 Dr. Aqsa

To: Mr. Abid Durrani

Sultan Concrete, 146-M, Gulberg-III, Lahore.

Project: Omega Residencia Housing Scheme, Lahore.

Our Ref. No. CL/CED/ 8587 Dated: 14-04-22 <u>Test Specification</u>

Your Ref. No. PM/OMG/LHR/012 Dated: 05-04-22

COMPRESSION TEST REPORT

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

Specimens received on: 05-04-22 Tested on: 12-04-22 in dry/wet condition



(----)



Sr. No. Mark*		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 (%)	
Uni Block, Grey, 60 mm				2.4 thick		3550	36.99	139	8417		
mm				2.4 thick		3430	36.99	139	8417		
mm				2.4 thick		3330	36.99	130	7872		
mm				2.4 thick		3570	36.99	112	6782		
mm	-			2.4 thick	CTME	3230	36.99	116	7025		
Uni Block, Red, 60 mm	-			2.4 thick	READIN	3440	36.99	114	6903		
	-				DHE NIME OF THY LIDRO WHO	- F	=				
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	Uni Block, Grey, 60 mm Uni Block, Grey, 60 mm Uni Block, Grey, 60 mm Uni Block, Red, 60 mm Uni Block, Red, 60 mm	Mark* DD Uni Block, Grey, 60 mm Uni Block, Grey, 60 mm Uni Block, Red, 60 mm Uni Block, Red, 60 mm	Mark* DD MM Uni Block, Grey, 60 Uni Block, Grey, 60 mm Uni Block, Red, 60 Uni Block, Red, 60 mm Uni Block, Red, 60	Uni Block, Grey, 60	Mark* DD MM YYYY (in) Uni Block, Grey, 60 2.4 thick Uni Block, Grey, 60 2.4 thick Uni Block, Grey, 60 2.4 thick Uni Block, Red, 60	Mark* DD MM YYYY (in) (Kg/gms)	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms)	Mark*	Mark*	Mark*	Mark*

Witnessed by:

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

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