

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.

> 4731 Dr. Mazhar

To: Mr. Khalid Bashir

Ittefaq Building Solutions Pvt. Ltd.

Project: Atif Plaza, Lawrance Road, Lahore.

 Our Ref. No. CL/CED/
 1106
 Dated:
 08-02-23
 Test Specification

 Your Ref. No.
 IBS/AL/CT-05
 Dated:
 07-02-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 07-02-23 Tested on: 08-02-23 in dry/wet condition



Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	2nd Floor Col. (4000 Psi)	22	12	2022	6Diax12		13.4	28.28	59	4673		Non Engraved
2	2nd Floor Col. (4000 Psi)	22	12	2022	6Diax12		13.2	28.28	73	5782		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 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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> 4731 Dr. Mazhar

To: Mr. Khalid Bashir

Ittefaq Building Solutions Pvt. Ltd.

Project: Atif Plaza, Lawrance Road, Lahore.

 Our Ref. No. CL/CED/
 1107
 Dated:
 08-02-23
 Test Specification

 Your Ref. No.
 IBS/AL/CT-05
 Dated:
 07-02-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 07-02-23 Tested on: 08-02-23 in dry/wet condition



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 (%)	
Psi)	8	12	2022	6Diax12		13.4	28.28	73	5782		Non Engraved
1st Floor Col. (4000 Psi)	8	12	2022	6Diax12		13.2	28.28	81	6416		Non Engraved
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	1st Floor Col. (4000 Psi) 1st Floor Col. (4000 Psi)	Mark* DD 1st Floor Col. (4000 Psi) 1st Floor Col. (4000 Psi)	Mark* DD MM 1st Floor Col. (4000 Psi) 1st Floor Col. (4000 R R R R R R R R R R R R R R R R R R	1st Floor Col. (4000 Psi) 1st Floor Col. (40	Mark* DD MM YYYY (in)	Mark* DD MM YYYY (in) (Kg/gms)	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms)	Mark* Casting Date* Size Weight Weight Weight X-Section	Mark* Casting Date* Size Weight Weight Weight Weight Meight Meight	Mark* Casting Date* Size Weight (Kg/gms) X-Section (Inp.Tons) Load (Imp.Tons) Stress (psi) 1st Floor Col. (4000 Psi) 8 12 2022 6Diax12 13.4 28.28 73 5782 1st Floor Col. (4000 Psi) 8 12 2022 6Diax12 13.2 28.28 81 6416 -	Mark* Casting Date* Size Weight Weight Weight X-Section load Stress Absorption (%)

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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> 4718 Dr. M. Yousaf

To: Mr. Shakeel Salamat

3A Tiles, Model Town, Lahore.

Project: Nil

Your Ref. No.

Our Ref. No. CL/CED/ 1108

Nil

Dated: 08-02-23

Test Specification

Dated: 06-02-23

COMPRESSION TEST REPORT

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

Specimens received on: 06-02-23 Tested on: 07-02-23 in dry/wet condition



Sr. No.	Mark*		Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Rectangular, Grey, 80mm	 		7.8x3.8x3.2		3750	29.64	100	7557		
2	Rectangular, Grey, 80mm	 		7.8x3.8x3.2		3830	29.64	124	9371		
3	Rectangular, Grey, 80mm	 		7.8x3.8x3.2		3760	29.64	122	9220		
4	Rectangular, Grey, 80mm	 		7.8x3.8x3.2		3745	29.64	42	3174		
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Witnessed by:

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- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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ORIGINAL

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4733 Dr. M. Mazhar

To: Mr. Ayhan Sarica

Project Manager, ABM

Project: New Pet Line Project Sadhoke Gujranwala

 Our Ref. No. CL/CED/
 1109
 Dated:
 08-02-23
 Test Specification

 Your Ref. No.
 ABMP-8/2023
 Dated:
 06-02-23
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 07-02-23 Tested on: 08-02-23 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	C-31	27	1	2023	6x6x6		8	36	55	3422		Non Engraved
2	C-31	27	1	2023	6x6x6		7.8	36	43	2676		Non Engraved
3	C-31	27	1	2023	6x6x6		8	36	47	2924		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

- 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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4710 Dr. M. Mazhar

To: Prof. Dr. Engr. Abdullah Yasar

Campus Engineer, GC University, Lahore

Project: For the Work of Construction of New Girls Hostel at Main Campus University, Lahore.

Our Ref. No. CL/CED/ 1110 Dated: 08-02-23

Your Ref. No. GCU/Engr/004/A Dated: 02-01-23 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 02-02-23 Tested on: 08-02-23 in dry/wet condition



Test Specification

Sr. No.	Mark*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Raft Foundation (1:2:4)	2	1	2023	6x6x6		8.6	36	77	4791		Non Engraved
2	Raft Foundation (1:2:4)	2	1	2023	6x6x6		8.8	36	116	7218		Non Engraved
3	Raft Foundation (1:2:4)	2	1	2023	6x6x6		8.4	36	104	6471		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
- 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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4715 Dr. M. Mazhar

Test Specification

(BS 1881-116)

To: **Assistant Resident Engineer**

Our Ref. No. CL/CED/ 1111

JERS Consultants, Lahore. (Contractor: M/S Chaudhary Enterprises)

Project: PCP (Phase-II) Improvement and Construction of Roads in MC, Muridke

Your Ref. No. 488-J01-ARE-2(MDK-R)/15 Dated: 01-02-23

Dated:

08-02-23

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-23 Tested on: 08-02-23 in dry/wet condition



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 (%)	
(1:2:4)	5	1	2023	6x6x6		8.2	36	83	5164		Non Engraved
(1:2:4)	5	1	2023	6x6x6		8.2	36	114	7093		Non Engraved
(1:2:4)	5	1	2023	6x6x6		8.4	36	88	5476		Non Engraved
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	(1:2:4) (1:2:4) (1:2:4)	Mark* DD (1:2:4) 5 (1:2:4) 5 (1:2:4) 5	Mark* DD MM (1:2:4) 5 1 (1:2:4) 5 1 (1:2:4) 5 1	DD MM YYYY (1:2:4) 5 1 2023 (1:2:4) 5 1 2023 (1:2:4) 5 1 2023 (1:2:4) 5 1 2023 (1:2:4) 5 1 2023 (1:2:4) 5 1 2023 (1:2:4) 5 1 2023 (1:2:4) 5 1 2023 (1:2:4) 5 1 2023	DD MM YYYY	Mark* Casting Date* Size Weight	Mark*	Mark*	Mark* Casting Date* Size Weight Weight Weight Casting Date* Weight Casting Date* Weight Weight Casting DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons) (1:2:4) 5 1 2023 6x6x6 8.2 36 83 (1:2:4) 5 1 2023 6x6x6 8.4 36 88 (1:2:4) 2023	Mark*	Mark*

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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4728 Dr. M. Mazhar

To: Engr. Jaffar Hussain Randhawa

Resident Engineer ECSP

Project: Engineering Consultancy Services for Construction of Baba Guru Nanak University, Nankana

Sahib. (Contractor: M/S Jamil Construction Company)

Our Ref. No. CL/CED/ 1112

Dated: 08-02-23

Test Specification
(BS 1881-116)

Your Ref. No. ECSP/BGNU/23 Dated: 04-02-23

COMPRESSION TEST REPORT

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

Specimens received on: 06-02-23 Tested on: 08-02-23 in dry/wet condition



Strip Footing (1:2:4) Strip Footing	DD 8	$\mathbf{M}\mathbf{M}$	1000			Weight	X-Section	load	Stress	Absorpti	Remarks
(1:2:4)	Ω		YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
Strip Footing	0	1	2023	6x6x6		8.6	36	92	5724		Non Engraved
(1:2:4)	8	1	2023	6x6x6		8.2	36	57	3547		Non Engraved
Strip Footing (1:2:4)	8	1	2023	6x6x6		8.2	36	53	3298		Non Engraved
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	(1:2:4) Strip Footing (1:2:4)	(1:2:4) Strip Footing (1:2:4)	(1:2:4) 8 1 Strip Footing (1:2:4) 8 1	(1:2:4) 8 1 2023 Strip Footing (1:2:4) 8 1 2023	(1:2:4) 8 1 2023 6x6x6 Strip Footing (1:2:4) 8 1 2023 6x6x6	(1:2:4) 8 1 2023 6x6x6 Strip Footing (1:2:4) 8 1 2023 6x6x6	(1:2:4) 8 1 2023 6x6x6 8.2 Strip Footing (1:2:4)	(1:2:4) 8 1 2023 6x6x6 8.2 36 Strip Footing (1:2:4) 8 1 2023 6x6x6 8.2 36	(1:2:4) 8 1 2023 6x6x6 8.2 36 53	(1:2:4) 8 1 2023 6x6x6 8.2 36 53 3298 Strip Footing (1:2:4) 8 1 2023 6x6x6 8.2 36 53 3298	(1:2:4)

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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4728 Dr. M. Mazhar

To: Engr. Jaffar Hussain Randhawa

Resident Engineer ECSP

Project: Engineering Consultancy Services for Construction of Baba Guru Nanak University, Nankana

Sahib (First Floor Roof Slab Admin Block). (Contractor: M/S Shffiq Construction Company)
Our Ref. No. CL/CED/ 1113 Dated: 08-02-23

Your Ref. No. ECSP/BGNU/22 Dated: 04-02-23

Test Specification

(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 06-02-23 Tested on: 08-02-23 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	Roof Slab (1:2:4)	21	12	2022	6x6x6		8.8	36	104	6471		Engraved
2	Roof Slab (1:2:4)	21	12	2022	6x6x6		8.8	36	118	7342		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

- 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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4653 Dr. M. Mazhar

To: Mr. Arif Siddique

Ideal Construction Service

Project: Construction of FMH Tower Lahore

 Our Ref. No. CL/CED/
 1114
 Dated:
 08-02-23
 Test Specification

 Your Ref. No.
 ICS/786/465
 Dated:
 25/1/2023
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/1/2023 Tested on: 08-02-23 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress	Water Absorpti on (%)	Remarks
1		24	12	2022	(in) 6Diax12		(Kg/ gms)	28.28	96	(psi) 7604		Non Engraved
2		24	12	2022	6Diax12		13.2	28.28	65	5149		Non Engraved
3		24	12	2022	6Diax12		13	28.28	43	3406		Non Engraved
4		25	12	2022	6Diax12		13	28.28	69	5465		Non Engraved
5		25	12	2022	6Diax12	GINE	13.2	28.28	49	3881		Non Engraved
6		25	12	2022	6Diax12	READW	14	28.28	86	6812		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
- 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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4706 Dr. M. Mazhar

To: Mr. M. Munir (Construction Manager)

Minky & Associates (Pvt) Limited Lahore

Project: Construction of 34-S, Gulberg II, Lahore

 Our Ref. No. CL/CED/
 1115
 Dated:
 08-02-23
 Test Specification

 Your Ref. No.
 MA/UET/2322
 Dated:
 02-02-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 02-02-23 Tested on: 08-02-23 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	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		14	1	2023	6Diax12		13	28.28	51	4040		Engraved
2		14	1	2023	6Diax12		13	28.28	53	4198		Engraved
3		14	1	2023	6Diax12		13.2	28.28	52	4119		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)
- 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.

4674 Dr. M. Mazhar

To: Ar. Farhan Rasool

Projects Architect, BAB (SMC PVT) Ltd

Project: Construction of Mixed Use Building at Liberty

 Our Ref. No. CL/CED/
 1116
 Dated:
 08-02-23
 Test Specification

 Your Ref. No.
 BAB/CR/002
 Dated:
 28/1/2023
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 30/1/2023 Tested on: 08-02-23 in dry/wet condition



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 (%)	
Foundation	31	12	2022	6Diax12		13.6	28.28	35	2772		Engraved
Foundation	31	12	2022	6Diax12		13.2	28.28	67	5307		Engraved
UGWT & Lift Foundation	31	12	2022	6Diax12		13.8	28.28	53	4198		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

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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.

4674 Dr. M. Mazhar

To: Ar. Farhan Rasool

Projects Architect, BAB (SMC PVT) Ltd

Project: Construction of Mixed Use Building at Liberty

 Our Ref. No. CL/CED/
 1117
 Dated:
 08-02-23
 Test Specification

 Your Ref. No.
 BAB/CR/003
 Dated:
 28/1/2023
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 30/1/2023 Tested on: 08-02-23 in dry/wet condition



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)		(Imp.Tons)		on (%)	
1	UGWT & Lift Walls	21	1	2023	6Diax12		13	28.28	59	4673		Engraved
2	UGWT & Lift Walls	21	1	2023	6Diax12		12.8	28.28	57	4515		Engraved
3	UGWT & Lift Walls	21	1	2023	6Diax12		13.2	28.28	57	4515		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

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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.

4726 Dr. M. Mazhar

To: Ar. Farhan Rasool

Projects Architect, HKB Retail (SMC PVT) Ltd

Project: Construction of Mixed Use Building at Liberty

 Our Ref. No. CL/CED/
 1118
 Dated:
 08-02-23
 Test Specification

 Your Ref. No.
 HKB/CR/004
 Dated:
 06-02-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 6/2/2023 Tested on: 08-02-23 in dry/wet condition



Sr. No.	o. Mark*		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	Slab at 2nd Floor (3000 Psi)	8	1	2023	6Diax12		13	28.28	31	2455		Engraved
2	Slab at 2nd Floor (3000 Psi)	8	1	2023	6Diax12		13.8	28.28	37	2931		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)
- 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.

4682 Dr. M. Mazhar

To: Mr. Wagas Masood

ZBS Zeco Building System (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 1119

Your Ref. No. Nil Dated:

Test Specification

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 31-01-23 Tested on: 08-02-23 in dry/wet condition



Sr. No.	Mark*	Cas		Date*	Size	Wet Weight		Area of X-Section	load		Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		31	12	2022	6Diax12		13.8	28.28	65	5149		Non Engraved
2		31	12	2022	6Diax12		13.6	28.28	63	4990		Non Engraved
3		31	12	2022	6Diax12		13.4	28.28	63	4990		Non Engraved
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Dated:

08-02-23

31-01-23

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.

4693 Dr. M. Mazhar

To: Mr. Muhammad Asif

Canal44 Luxury Apartments

Project: Nil

Your Ref. No.

Our Ref. No. CL/CED/ 1120

Nil

Dated: 08-02-23

Test Specification

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 1/2/2023 Tested on: 08-02-23 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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	3750 Psi	20	12	2022	6Diax12		13	28.28	59	4673		Engraved
2	3750 Psi	20	12	2022	6Diax12		13	28.28	69	5465		Engraved
3												
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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 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.

4693 Dr. M. Mazhar

To: Mr. Muhammad Asif

Canal44 Luxury Apartments

Project: Nil

Our Ref. No. CL/CED/ 1121

Your Ref. No. Nil

Dated: 08-02-23

Dated:

Test Specification

Nil (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 01-02-23 Tested on: 08-02-23 in dry/wet condition



	Mark*	Cas	ting	Date*	Size	ze Wet Weight	Dry	Area of		Ultimate	Water	Domorko
Sr. No.	Mark*					weight	Weight	X-Section	load	Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	3750 Psi	13	1	2023	6Diax12		13.2	28.28	55	4356		Non Engraved
2	3750 Psi	13	1	2023	6Diax12		13.4	28.28	55	4356		Non Engraved
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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.

4724 Dr. M. Mazhar

To: Mr. Ilyas Majeed Sheikh

Chairman Eagle Developers

Our Ref. No. CL/CED/ 1122

Project: Project of Dream Galleria, Dream Garden, Lahore

Your Ref. No. Nil Dated: Nil (ASTM C39)

Dated:

08-02-23

COMPRESSION TEST REPORT

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

Specimens received on: 6/2/2023 Tested on: 08-02-23 in dry/wet condition



Test Specification

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		31	1	2023	6Diax12		12.6	28.28	16	1267		Non Engraved
2		31	1	2023	6Diax12		12.8	28.28	18	1426		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 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.

4673 Dr. M. Mazhar

To: Ar. Farhan Rasool

Projects Architect, HKB RETAIL (SMC-PVT) LTD

Project: Construction of Retail Outlet at Iqbal Town Lahore

 Our Ref. No. CL/CED/
 1123
 Dated:
 08-02-23
 Test Specification

 Your Ref. No.
 HKB/CR/003
 Dated:
 28/1/2023
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 30/1/2023 Tested on: 08-02-23 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	Slab at 1st Floor (3000 Psi)	31	12	2022	6Diax12		12.6	28.28	25	1980		Engraved
2	Slab at 1st Floor (3000 Psi)	31	12	2022	6Diax12		13	28.28	31	2455		Engraved
3												
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5					/	GINE	RING					
6						NEAD W		X				
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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.

> 4704 Dr. M. Yousaf

To: Sub Divisonal Officer

Buildings Sub Division No. 6, Lahore

Project: Construction of Office Complex for Directorate General Punjab Probation and Parole Service

Lahore.

Our Ref. No. CL/CED/ 1124 Dated:

Your Ref. No. 237/Sd-6th Dated: 17/1/2023

Test Specification
(BS 3921**)

08-02-23

COMPRESSION TEST REPORT

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

Specimens received on: 02-02-23 Tested on: 07-02-23 in dry/wet condition



Sr. No.	Sr. No. Mark*		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	Talwar				9 x 4.1 x 3.1		3290	36.9	40	2428		
2	Talwar				8.9 x 4 x 3		3240	35.6	50	3146		
3	Talwar				9.1 x 4.2 x 2.9		3295	38.22	42	2462		
4	Talwar				9 x 4.2 x 3		3245	37.8	50	2963		
5	Talwar				9 x 4.2 x 3	GINE	3250	37.8	50	2963		
6	Talwar				9.1 x 4.2 x 3.1	READIN	3220	38.22	42	2462		
7					A	DE NIGE OF THY LIDED WHO	- E / T					
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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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- 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.

> 4666 Dr. Aqsa

Test Specification

(BS 3921**)

To: (Mr. Imran Sattar) Divisional Forest Officer

Office of the Divisional Forest Officer Kasur Forest Division at Changa Manga

Project: Construction of Boundary Wall at Changa Manga Irrigated Plantation.

Our Ref. No. CL/CED/ 1125

Dated: 08-02-23 Your Ref. No. 518/AC Dated: 22-12-22

COMPRESSION TEST REPORT

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

27/1/2023 Tested on: Specimens received on: 08-02-23 in dry/wet condition



Sr. No. Mark*		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 (%)	
M.A				8.8 x 4.3 x 2.9		3240	37.84	34	2013		
M.A				8.8 x 4.2 x 3		3250	36.96	38	2303		
M.A				8.7 x 4.3 x 3		3245	37.41	27	1617		
M.A				8.8 x 4.4 x 2.9		3250	38.72	42	2430		
M.A				8.5 x 4.3 x 2.9	GINE	3270	36.55	44	2697		
ST				8.9 x 4.3 x 3.1	T READ IN	3460	38.27	40	2341		
ST				8.6 x 4.2 x 2.9	DE NAME OF THY LORD VIND	3260	36.12	41	2543		
ST				8.7 x 4.2 x 2.9	ظلا	3365	36.54	46	2820		
ST				8.8 x 4.3 x 2.9		3300	37.84	41	2427		
ST				8.9 x 4.3 x 3	LA	3320	38.27	47	2751		
									-		
	M.A M.A M.A M.A ST ST ST ST	Mark* DD M.A M.A M.A M.A ST ST ST ST	Mark* DD MM M.A M.A M.A M.A ST ST ST ST	M.A M.A M.A M.A M.A ST ST	Mark* DD MM YYYY (in) M.A 8.8 x 4.3 x 2.9 M.A 8.8 x 4.2 x 3 M.A 8.8 x 4.4 x 2.9 M.A 8.5 x 4.3 x 2.9 M.A 8.5 x 4.3 x 2.9 ST 8.9 x 4.3 x 3.1 ST 8.6 x 4.2 x 2.9 ST 8.8 x 4.3 x 2.9 ST 8.9 x 4.3 x 3.1 ST 8.8 x 4.3 x 2.9 ST 8.8 x 4.3 x 2.9 ST 8.8 x 4.3 x 2.9 ST 8.9 x 4.3 x 3	Mark* DD MM YYYY (in) (Kg/gms)	Mark* Casting Date* Size Weight Weight DD MM YYYY (in) (Kg/ gms) (Kg/ gms) M.A 8.8 x 4.3 x 2.9 3240 M.A 8.8 x 4.2 x 3 3250 M.A 8.8 x 4.4 x 2.9 3250 M.A 8.5 x 4.3 x 2.9 3270 ST 8.9 x 4.3 x 3.1 3260 ST 8.6 x 4.2 x 2.9 3365 ST 8.8 x 4.3 x 2.9 3300 ST 8.8 x 4.3 x 2.9 3320 ST 8.8 x 4.3 x 2.9 3320 ST 8.8 x 4.3 x 3.1 8.9 x 4.3 x 3.1 8.9 x 4.	Mark* Casting Date* Size Weight (Kg/ gms) (Kg/ gms) X-Section (Sq. in) M.A 8.8 x 4.3 x 2.9 3240 37.84 M.A 8.8 x 4.2 x 3 3250 36.96 M.A 8.7 x 4.3 x 3 3245 37.41 M.A 8.8 x 4.4 x 2.9 3250 38.72 M.A 8.5 x 4.3 x 2.9 3270 36.55 ST 8.6 x 4.2 x 2.9 3260 36.12 ST 8.6 x 4.2 x 2.9 3365 36.54 ST 8.8 x 4.3 x 2.9 3300 37.84 ST 8.8 x 4.3 x 2.9 3300 37.84 ST 8.9 x 4.3 x 3 3320 38.27 <td>Mark* Casting Date* Size Weight (Kg/gms) (Kg/gms) X-Section (Ioad (Imp.Tons) (Imp.Tons) M.A 8.8 x 4.3 x 2.9 3240 37.84 34 M.A 8.8 x 4.2 x 3 3250 36.96 38 M.A 8.7 x 4.3 x 3 3250 38.72 42 M.A 8.8 x 4.4 x 2.9 3250 38.72 42 M.A 8.5 x 4.3 x 2.9 3270 36.55 44 ST 8.6 x 4.2 x 2.9 3260 36.12 41 ST 8.6 x 4.2 x 2.9 3365 36.54 46 ST 8.8 x 4.3 x 2.9 3300 37.84 41 ST 8.9 x 4.3 x 3 3320 38.27 47 </td> <td>Mark* Casting Date* Size Weight (Kg/gms) (Kg/gms) (Kg/gms) (Sq. in) (Imp.Tons) (psi) X-Section (Imp.Tons) (psi) X-Section (Imp.Tons) (psi) M.A </td> <td>Mark* Casting Date* Size Weight (Kg/gms) X-Section (Sq. in) (Imp.Tons) Absorption (%) M.A </td>	Mark* Casting Date* Size Weight (Kg/gms) (Kg/gms) X-Section (Ioad (Imp.Tons) (Imp.Tons) M.A 8.8 x 4.3 x 2.9 3240 37.84 34 M.A 8.8 x 4.2 x 3 3250 36.96 38 M.A 8.7 x 4.3 x 3 3250 38.72 42 M.A 8.8 x 4.4 x 2.9 3250 38.72 42 M.A 8.5 x 4.3 x 2.9 3270 36.55 44 ST 8.6 x 4.2 x 2.9 3260 36.12 41 ST 8.6 x 4.2 x 2.9 3365 36.54 46 ST 8.8 x 4.3 x 2.9 3300 37.84 41 ST 8.9 x 4.3 x 3 3320 38.27 47	Mark* Casting Date* Size Weight (Kg/gms) (Kg/gms) (Kg/gms) (Sq. in) (Imp.Tons) (psi) X-Section (Imp.Tons) (psi) X-Section (Imp.Tons) (psi) M.A	Mark* Casting Date* Size Weight (Kg/gms) X-Section (Sq. in) (Imp.Tons) Absorption (%) M.A

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.