

4542 Dr. Umbreen

To: **Project Manager** Lahore Hills Private Limited

Project: Nil				
Our Ref. No. CL/	CED/ 917	Dated:	16-01-23	Test Specification
Your Ref. No.	DH/MT/006	Dated:	09-01-23	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	10	0/1/2	023	Tested on:	16-0)1-23	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	Date* YYYY	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	4500 Psi	6	12	2022	6Diax12		13.4	28.28	43	3406		Non Engraved
2	4500 Psi	6	12	2022	6Diax12		13.4	28.28	67	5307		Non Engraved
3	4500 Psi	6	12	2022	6Diax12		13	28.28	45	3564		Non Engraved
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Witness	ed by: Mr. Zeesha	an Af	zal, (CNIC #	\$31101-892895	59-1			·			

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

Note: Above results pertain to the unsealed samples supplied to the laboratory



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

4553 Dr. Umbreen

ORIGINAL

To: **Project Manager**

Q-Links Property Management Pvt. Ltd.

Project: Construction of Jasmine Grand Mall, Bahria Town Lahore.

Our Ref. No. CL	/CED/ 918	Dated:	16-01-23	Test Specification
Your Ref. No.	QLC-BO-BH2-2022-02-LTR-112023	Dated:	11-01-23	(ASTM C39)

COMPRESSION TEST REPORT

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

ens received on:	1′	1/1/2	023	Tested on:	16-0	1-23	in dry/we	t condition			ONLINE REPORT
Mark*		•		Size (in)	Wet Weight (Kq/ qms)				Stress	Water Absorpti on (%)	Remarks
4th Floor Lift Wall (3750 Psi)	10	12	2022	6Diax12		12.8	28.28	27	2139		Non Engraved
4th Floor Lift Wall (3750 Psi)	10	12	2022	6Diax12		13	28.28	27	2139		Non Engraved
(4500 Psi)	10	12	2022	6Diax12		13	28.28	41	3248		Non Engraved
4th Floor Column (4500 Psi)	10	12	2022	6Diax12		13	28.28	31	2455		Non Engraved
4th Floor Column (4500 Psi)	13	12	2022	6Diax12	RINE	13.2	28.28	45	3564		Non Engraved
4th Floor Column (4500 Psi)	13	12	2022	6Diax12	T NEAD IN	13.2	28.28	39	3089		Non Engraved
Third Floor Slab (3000 Psi)	13	12	2022	6Diax12	DHE NHOLE <u>OE</u> THY LORD WHO	- 13	28.28	37	2931		Engraved
Third Floor Slab (3000 Psi)	13	12	2022	6Diax12		12.8	28.28	35	2772		Engraved
Third Floor Slab (3000 Psi)	13	12	2022	6Diax12	-	13	28.28	31	2455		Engraved
				- <	(A	IDRE .					
	Mark* 4th Floor Lift Wall (3750 Psi) 4th Floor Lift Wall (3750 Psi) 4th Floor Column (4500 Psi) Third Floor Slab (3000 Psi) Third Floor Slab (3000 Psi) Third Floor Slab (3000 Psi)	Mark* Case Mark* DD 4th Floor Lift Wall (3750 Psi) 10 4th Floor Column (3750 Psi) 10 4th Floor Column (4500 Psi) 10 4th Floor Column (4500 Psi) 10 4th Floor Column (4500 Psi) 13 4th Floor Column (4500 Psi) 13 500 Psi) 13 7hird Floor Slab (3000 Psi) 13 Third Floor Slab (3000 Psi) 13 </td <td>Mark* Casting Mark* DD MM 4th Floor Lift Wall (3750 Psi) 10 12 4th Floor Lift Wall (3750 Psi) 10 12 4th Floor Column (4500 Psi) 13 12 4th Floor Column (4500 Psi) 13 12 4th Floor Column (4500 Psi) 13 12 Third Floor Slab (3000 Psi) 13 12 Third Floor Slab (3000 Psi) 13 12 Third Floor Slab (3000 Psi) 13 12 </td> <td>Mark* Casting Date* DD MM YYYY 4th Floor Lift Wall (3750 Psi) 10 12 2022 4th Floor Lift Wall (3750 Psi) 10 12 2022 4th Floor Column (4500 Psi) 13 12 2022 4th Floor Column (4500 Psi) 13 12 2022 4th Floor Column (4500 Psi) 13 12 2022 Third Floor Slab (3000 Psi) 13 12 2022 </td> <td>Mark* Casting Date* Size DD MM YYYY (in) 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 4th Floor Column (4500 Psi) 13 12 2022 6Diax12 4th Floor Column (4500 Psi) 13 12 2022 6Diax12 4th Floor Column (4500 Psi) 13 12 2022 6Diax12 500 Psi) 13 12 2022 6Diax12 Third Floor Slab (3000 Psi) 13 12 2022 6Diax12 Third Floor Slab (3000 Psi) 13 12 2022 6Diax12 </td> <td>Mark* Casting Date* Size Wet Weight DD MM YYYY (in) (Kg/gms) 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 4th Floor Column (4500 Psi) 13 12 2022 6Diax12 4th Floor Column (4500 Psi) 13 12 2022 6Diax12 4th Floor Column (4500 Psi) 13 12 2022 6Diax12 Third Floor Slab (3000 Psi) 13 12 2022 6Diax12 Third Floor Slab (3000 Psi) 13 12 2022 6Diax12 </td> <td>Mark* Casting Date* Size Wet Weight Dry Weight 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 12.8 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 13 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 13 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 13 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 13 4th Floor Column (4500 Psi) 13 12 2022 6Diax12 13.2 4th Floor Column (4500 Psi) 13 12 2022 6Diax12 13.2 4th Floor Slab (3000 Psi) 13 12 2022 6Diax12 13.2 Third Floor Slab (3000 Psi) 13 12 2022 6Diax12 13.3 13 13</td> <td>Mark* Casting Date* Size Wet Weight Dry Weight Area of X-Section (Sq. in) 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 12.8 28.28 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 13 28.28 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 13 28.28 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 13 28.28 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 13 28.28 4th Floor Column (4500 Psi) 13 12 2022 6Diax12 13.2 28.28 Third Floor Slab (3000 Psi) 13 12 2022 6Diax12 13 28.28 Third Floor Slab (3000 Psi) 13 12 2022 6Diax12 13 28.28 Third Floor Slab (3000 Psi) 13 12 2022<</td> <td>Mark* Casting Date* Size Wet Weight (Kg/gms) Dry Weight (Kg/gms) Area of (S, cin) (Imp.Tons) 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 12.8 28.28 27 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 13 28.28 27 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 13 28.28 27 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 13 28.28 41 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 13.2 28.28 31 4th Floor Column (4500 Psi) 13 12 2022 6Diax12 13.2 28.28 35 Third Floor Slab (3000 Psi) 13 12 2022 6Diax12 13 28.28 35 Third Floor Slab (3000 Psi) 13 12 2022 6Diax12 <td< td=""><td>Mark* Casting Date* Size Wet Weight (Kg/gms) Dry Weight (Kg/gms) Area of X-Section load Ultimate Stress (Data Stress (Kg/gms) (Sq. in) (Imp.Tons) 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 12.8 28.28 277 2139 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 13 28.28 277 2139 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 13 28.28 31 2455 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 13 28.28 31 2455 4th Floor Column (4500 Psi) 13 12 2022 6Diax12 13.2 28.28 31 2455 3000 Psi) 13 12 2022 6Diax12 13.2 28.28 35 2772 Third Floor Slab (3000 Psi) 13 12 2022 6Diax12 13 28.28 31<td>Mark* Casting Date* Size Wet Weight Dry Weight Weight Area of X-Section Ioad Ultimate Stress Absorption (%) Water Absorption (%) 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 12.8 28.28 27 2139 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 13 28.28 27 2139 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 13 28.28 21 2139 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 13 28.28 31 2455 4th Floor Column (4500 Psi) 13 12 2022 6Diax12 13.2 28.28 31 2455 (4500 Psi) 13 12 2022 6Diax12 13.2 28.28 37 2931 (4500 Psi) 13 12</td></td></td<></td>	Mark* Casting Mark* DD MM 4th Floor Lift Wall (3750 Psi) 10 12 4th Floor Lift Wall (3750 Psi) 10 12 4th Floor Column (4500 Psi) 13 12 4th Floor Column (4500 Psi) 13 12 4th Floor Column (4500 Psi) 13 12 Third Floor Slab (3000 Psi) 13 12 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Date* Size Wet Weight (Kg/gms) Dry Weight (Kg/gms) Area of X-Section load Ultimate Stress (Data Stress (Kg/gms) (Sq. in) (Imp.Tons) 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 12.8 28.28 277 2139 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 13 28.28 277 2139 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 13 28.28 31 2455 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 13 28.28 31 2455 4th Floor Column (4500 Psi) 13 12 2022 6Diax12 13.2 28.28 31 2455 3000 Psi) 13 12 2022 6Diax12 13.2 28.28 35 2772 Third Floor Slab (3000 Psi) 13 12 2022 6Diax12 13 28.28 31 <td>Mark* Casting Date* Size Wet Weight Dry Weight Weight Area of X-Section Ioad Ultimate Stress Absorption (%) Water Absorption (%) 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 12.8 28.28 27 2139 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 13 28.28 27 2139 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 13 28.28 21 2139 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 13 28.28 31 2455 4th Floor Column (4500 Psi) 13 12 2022 6Diax12 13.2 28.28 31 2455 (4500 Psi) 13 12 2022 6Diax12 13.2 28.28 37 2931 (4500 Psi) 13 12</td>	Mark* Casting Date* Size Wet Weight Dry Weight Weight Area of X-Section Ioad Ultimate Stress Absorption (%) Water Absorption (%) 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 12.8 28.28 27 2139 4th Floor Lift Wall (3750 Psi) 10 12 2022 6Diax12 13 28.28 27 2139 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 13 28.28 21 2139 4th Floor Column (4500 Psi) 10 12 2022 6Diax12 13 28.28 31 2455 4th Floor Column (4500 Psi) 13 12 2022 6Diax12 13.2 28.28 31 2455 (4500 Psi) 13 12 2022 6Diax12 13.2 28.28 37 2931 (4500 Psi) 13 12

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

Note: Above results pertain to the unsealed samples supplied to the laboratory







the report has been retained in the lab for record.

Dr. Umbreen

To: **ICON Developers**

Interior Construction Developers

Project: Construction of Boarding House, Aitchison College (Shirazi House)

Our Ref. No. CL/CED/ 919	Dated:	16-01-23	Test Specification
Your Ref. No. Nil	Dated:	12-01-23	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	12	2/1/2	023	Tested on:	16-0)1-23	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	F.F.Slab (1:2:4) (3000 Psi)	10	12	2022	6Diax12		13.4	28.28	37	2931		Non Engraved
2	F.F.Slab (1:2:4) (3000 Psi)	10	12	2022	6Diax12		14	28.28	35	2772		Non Engraved
3	F.F.Slab (1:2:4) (3000 Psi)	10	12	2022	6Diax12		13.6	28.28	37	2931		Non Engraved
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Witness	sed by: Nil											

vitnessed by: Nil

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

Note: Above results pertain to the unsealed samples supplied to the laboratory







4580 Dr. Umbreen

To:	Mr. M. Asif Canal 44 Luxury Apartments	
	Project: Nil	

Our Ref. No. CL/CED/ 920

Nil

Your Ref. No.

Dated: 16-01-23 Dated:

Nil

Test Specification

(ASTM C39)



COMPRESSION TEST REPORT

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

Specim	ens received on:	1:	3/1/2	023	Tested on:	16-0	01-23	in dry/we	t condition			
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)		Water Absorpti on (%)	Remarks
1	(3750 Psi)	5	1	2023	6Diax12		13.2	28.28	29	2297		Engraved
2	(3750 Psi)	5	1	2023	6Diax12		13	28.28	43	3406		Engraved
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Witness	sed by: Nil											

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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4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory



Plain and Reinforced Concrete Laboratory **Civil Engineering Department**

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.

> 4564 Dr. Umbreen

To: Mr. Mohammad Asghar

Admin Officer, Tetra Ready Mix (Pvt.) Ltd. (Client: Sprint Services)

Project: Construction of International School of Lahore Pine Avenue Lahore.

Our Ref. No. CL/	CED/ 921	Dated:	16-01-23	Test Specification
Your Ref. No.	TRM/Dreame-3/01	Dated:	10-01-23	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1'	1/1/2	023	Tested on:	16-0	01-23	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(4000 Psi)	24	12	2022	6Diax12		13.2	28.28	35	2772		Non Engraved
2	(4000 Psi)	24	12	2022	6Diax12		13.4	28.28	47	3723		Non Engraved
3	(4000 Psi)	25	12	2022	6Diax12		14	28.28	39	3089		Non Engraved
4	(4000 Psi)	25	12	2022	6Diax12		14	28.28	40	3168		Non Engraved
5	(4000 Psi)	31	12	2022	6Diax12	ARINE	13.8	28.28	29	2297		Non Engraved
6	(4000 Psi)	31	12	2022	6Diax12	T READ W	13.2	28.28	35	2772		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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Note: Above results pertain to the unsealed samples supplied to the laboratory

	Plain and Reinforced Concrete Laboratory Civil Engineering Department 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.
		4575 Dr. Umbreen
To:	Mr. Muhammad Tahir Nazeer, Deputy Manager Civil Nishat Mills Ltd. (Denim Division) Bhikhi	
	Project: Construction of Nishat Mills Ltd. (Denim Division) M/S Contractor: Najmi Nadeem Construction Pvt. Ltd.	

Our Ref. No. CL/CED/ 922	Dated:	16-01-23	Test Specification
Your Ref. No. NDM/C-TEST/018	Dated:	12-01-23	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13/1/2023				023	Tested on:	16-01-23 in dry/wet condition				ONLINE REPORT		
Sr. No.	r. No. Mark*		rk*		Size (in)	Wet Weight (Kg/ ams)	Dry Weight (Kg/ gms)	Area of X-Sectior (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Mezzanine Slab D~J/41~43 C-20	13	12	2022	6x6x6		8.6	36	35	2178		Engraved
2	Mezzanine Slab D~J/41~43 C-20	13	12	2022	6x6x6		8.4	36	51	3173		Engraved
3	Mezzanine Slab D~J/41~43 C-20	13	12	2022	6x6x6		8.8	36	36	2240		Engraved
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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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory

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.



		Plain and Reinforced Concrete Laboratory Civil Engineering Department University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895						
					4575 Dr. Umbreen			
To:		ɪhammad Tahir Nazeer, Deputy Manager Civil ː Mills Ltd. (Denim Division) Bhikhi						
	Projec Pvt. Lt	t: Construction of Nishat Mills Ltd. (Denim Divisio d.	n) M/S Contractor: Najn	ni Nadeem Construction				
	Our Re	ef No. CL/CED/ 923	Dated:	16-01-23	Test Specification			

Our Ref. No. CL/CED/ 923	Dated:	16-01-23	Test Specification
Your Ref. No. NDM/C-TEST/019	Dated:	12-01-23	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13/1/2023					Tested on:	16-0)1-23	in dry/we	t condition			
Sr. No. Mark*		Casting Date*		Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Loom Shed Beam/B~L/26 C-20	14	12	2022	6x6x6		8.6	36	49	3049		Engraved
2	Loom Shed Beam/B~L/26 C-20	14	12	2022	6x6x6		8.6	36	47	2924		Engraved
3	Loom Shed Beam/B~L/26 C-20	14	12	2022	6x6x6		8.6	36	49	3049		Engraved
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Witnessed by: Nil												

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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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory

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.

