

Civil Engineering Department

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

6831 Dr. Umbreen

To:	Mr. Adnan Yasir										
	Assistant Reside	ent Engineer, Package-III (PCP) Gojra. (MM F	Pakistan Pvt. Ltd.)								
	Project: Upgradation of Sewerage System and Construction of Waste Water Treatment Plant (WWTP) Gojra City. Package 01-Sewerage System. (Contractor: M/S Hanif Anjum)										
	Our Ref. No. CL/	CED/ 4457	Dated:	18-03-24	Test Specification						
	Your Ref. No.	MMP/1095/Gojra/SEW/10/2024	Dated:	21-02-24	(BS 1881-116)						

COMPRESSION TEST REPORT



Specimens received on:		07-03-24		-24	Tested on:	14-03-24 i		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	RCC Sewer Pipe (1:1.5:3)	24	1	2024	6x6x6		8	36	95	5911		Non Engraved
2	RCC Sewer Pipe (1:1.5:3)	24	1	2024	6x6x6		7.4	36	114	7093		Non Engraved
3	RCC Sewer Pipe (1:1.5:3)	24	1	2024	6x6x6		8.2	36	70	4356		Non Engraved
4	RCC Sewer Pipe (1:1.5:3)	25	1	2024	6x6x6		8.4	36	92	5724		Non Engraved
5	RCC Sewer Pipe (1:1.5:3)	25	1	2024	6x6x6	NEINE	RI/8	36	74	4604		Non Engraved
6	RCC Sewer Pipe (1:1.5:3)	25	1	2024	6x6x6 🔪	READIN	8	36	95	5911		Non Engraved
7						OF THY GRATES	ز ی ک اند کی خلق ر	133				
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15												
16												
Witness	od by: Nil											

Witnessed 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 compressive strength

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.



Civil Engineering Department

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

6876 Dr. M. Yousaf

To: Mr. Amir Rabbani For INTERSAC CANADA

Project: Advanced Light Weight Concrete Solid Block

Our Ref. No. CL/CED/ 4458

Your Ref. No. ALC/URGENT/231123

COMPRESSION TEST REPORT



Test Specification

(----)

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

Specimens received on:		18-03-24		-24	Tested on: 18-0)3-24	in dry/we	t condition			12312-0
Sr. No.	Mark*	Cas DD	ting MM	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	ALC Solid Block	23	11	2023	11.9 x 4 x 8		7.2	47.6	10.5	494		
2												
3												
4												
5						NHNE	RING					
6)	READ IN	2071	×				
7						OF THY GRO WHO OREATES	ریجی اندگی خلق ر	- FCH				
8												
9										-		
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11												
12												
13												
14												
15												
16												

Dated:

Dated:

18-03-24

18-03-24

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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Civil Engineering Department

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

6876 Dr. M. Yousaf

To: Mr. Amir Rabbani For INTERSAC CANADA

Project: Advanced Light Weight Concrete Solid Block

Our Ref. No. CL/CED/ 4459

Your Ref. No. ALC/URGENT/240228

COMPRESSION TEST REPORT



Test Specification

(----)

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

Specimens received on:		18-03-24		-24	Tested on: 18-03-24		3-24	in dry/wet condition				
Sr. No.	Mark*	Cas DD	ting MM	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	ALC Solid Block	28	2	2024	11.9 x 3.9 x 7.9		6	46.41	5.5	265		
2												
3												
4												
5						NHNE	RING					
6)	READIN	2001					
7						OF THY GORD WHO CREATES	زیجب اندکی خلق ر					
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9					2			~				
10					<	/A	IORE					
11												
12												
13												
14												
15												
16												

Dated:

Dated:

18-03-24

18-03-24

Witnessed by:

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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.

6878 Dr. M. Yousaf

Test Specification

(----)

To: Mr. Rashid Kamran

Resident Engineer, Construction Management Division, NESPAK (Pvt) Ltd.

Project: Development of Infrastructure Works in Newly Cleared Areas of LDA Avenue-I, Lahore (Package-3). (Contractor: M/S AKB Engineering & Construction Pvt Ltd.) Our Ref. No. CL/CED/ 4460 Dated: 18-03-24 Dated: 08-03-24

Your Ref. No. 2599/13/RK/05/P-3/146

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	8-03	-24	Tested on:	18-0)3-24	in dry/we	t condition			1623699
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	Rectangular, Grey, 80mm				7.8 x 3.9 x 3.1		3615	30.42	77	5670		
2	Rectangular, Grey, 80mm				7.8 x 3.9 x 3.1		3540	30.42	85	6259		
3	Rectangular, Grey, 80mm				7.8 x 3.9 x 3.1		3645	30.42	87	6406		
4												
5					- (STINE	RIA .					
6						READ N	2071	<u> </u>				
7					- 2	OF THY -CORD WHO OREATES	زیجک الکی خلق ر	1				
8								5				
9					- /	25		₹				
10					<	/ A	IORE.					
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Witness	ed by:											

witnessea by:

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> 6864 Dr. M.Yousaf

To: **Deputy Director (Engg.)**

Lahore Development Authority U.D. Wing M.A Johar Town, Lahore.

Project: Shifting / Construction of Building Block of Police Station Shahdara Lahore Falling in Alignment of the Project " Construction of Multi-Level Grade Separation at Shahdara Morr, Lahore. Our Ref. No. CL/CED/ 4461 18-03-24 Dated: Dated: 11-03-24

DD (Engg.)/LDA/21 Your Ref. No.

COMPRESSION TEST REPORT



Test Specification

(BS 1881-116)

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

Specimens received on:		1	13-03-24		Tested on:	18-03-24		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	Concrete Blocks Footing (1:2:4)	13	2	2024	6x6x6		8	36	84	5227		Non Engraved
2	Concrete Blocks Footing (1:2:4)	13	2	2024	6x6x6		8.2	36	88	5476		Non Engraved
3	Concrete Blocks Footing (1:2:4)	13	2	2024	6x6x6		8.2	36	87	5413		Non Engraved
4												
5						N THINE	RING A					
6					>	READ N	2071					
7						OF THY GRO WHO OREATES	ریجب اندکی خلق ر					
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Witness	od by: Nil											

witnessea by: Nii

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

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Supervisor (Lab)



COMPRESSION TEST REPORT

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

> 6871 Dr. M.Yousaf

To: CW Manager

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11 Islamabad.

Project: (Site ID: MOT-M1-U5) Our Ref. No. CL/CED/ 4462 Your Ref. No. Nil

Dated: Dated: 18-03-24

Nil

Test Specification (BS 1881-116)





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

Specimens received on:		15-03-24		-24	Tested on: 18-0)3-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	Raft, (1:1.5:3 & 1:4:8)	10	2	2024	6x6x6		8	36	95	5911		Non Engraved
2	Raft, (1:1.5:3 & 1:4:8)	10	2	2024	6x6x6		8	36	71	4418		Non Engraved
3												
4												
5					(TUR	RINTS .					
6					-)	KEAU IN	207	<u> </u>				
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14/24	and factor A191											

Witnessed by: Nil

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

> 6871 Dr. M.Yousaf

Test Specification

(BS 1881-116)

To: CW Manager

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11 Islamabad.

Project: (Site ID: MOT-M1-U5) Our Ref. No. CL/CED/ 4463

Your Ref. No. Nil

COMPRESSION TEST REPORT

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

Specimens received on: 15-03-24			-24	Tested on:	18-0)3-24	in dry/we	t condition			ONLINE REPORT	
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp Tons)	Ultimate Stress (nsi)	Water Absorpti on (%)	Remarks
1	Col. DG & Solar (1:1 5:3 & 1:4:8)	12	2	2024	6x6x6		8.6	36	105	6533		Non Engraved
2	Col. DG & Solar (1:1.5:3 & 1:4:8)	12	2	2024	6x6x6		8.2	36	75	4667		Non Engraved
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4												
5					-	THE	RING					
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Dated:

Dated:

18-03-24

Nil

Witnessed by: Nil

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

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



COMPRESSION TEST REPORT



To: CW Manager

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11 Islamabad.

Project: (Site ID: MOT-M1-U4) Our Ref. No. CL/CED/ 4464 Your Ref. No. Nil

Dated: Dated: 18-03-24

Nil

Test Specification (BS 1881-116)



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

Specimens received on:			15-03-24		Tested on:	18-03-24 i		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	Raft, (1:1.5:3 & 1:4:8)	12	2	2024	6x6x6		8	36	65	4044		Non Engraved
2	Raft, (1:1.5:3 & 1:4:8)	12	2	2024	6x6x6		8	36	79	4916		Non Engraved
3												
4												
5					(STINE	BING .					
6					-)	READ N	200	<u> </u>				
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Witness	ad by Nil											

Witnessed by: Nil

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Supervisor (Lab)



COMPRESSION TEST REPORT

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

> 6871 Dr. M.Yousaf

To: CW Manager

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11 Islamabad.

Project: (Site ID: MOT-M1-U4) Our Ref. No. CL/CED/ 4465 Your Ref. No. Nil

Dated: Dated: 18-03-24

Nil

Test Specification (BS 1881-116)



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

Specimens received on:		15-03-24		-24	Tested on:	18-0	8-03-24 in dry/wet		wet condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti on (%)	Remarks
	Col. DC & Solar	סט		****	(in)	(rkg/ gms)	(rkg/ gms)	(Sq. iii)	(imp.ions)	(psi)	. ,	
1	(1:1.5:3 & 1:4:8)	13	2	2024	6x6x6		8	36	83	5164		Non Engraved
2	Col. DG & Solar (1:1.5:3 & 1:4:8)	13	2	2024	6x6x6		8	36	86	5351		Non Engraved
3												
4												
5						NHNE	RIN S					
6						READ IN						
7						OF THY CORD WHO OREATES	زیجب اندکی خلق ر	133				
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12												
13												
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Witnessed by: Nil

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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.

6820 Dr. M. Yousaf

To: Mr. M. Usman Rauf

Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.

Project: Rehabilitation of Road Opposite Degree College Raiwind (Iqbal Zone) Lahore. (MCL Projects)

Our Ref. No. CL/0	CED/ 4466	Dated:	18-03-24	Test Specification
Your Ref. No.	4084/103/MUR/104/1781	Dated:	27-02-24	(BS 3921**)

COMPRESSION TEST REPORT



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

Specimo	ens received on:	0	5-03	-24	Tested on:	18-0	03-24	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	R-2				8.8 x 4.2 x 3	3655	3320	36.96	53	3212	10.09	
2	R-2				8.9 x 4.4 x 3	3820	3375	39.16	44	2517	13.19	
3	R-2				8.9 x 4.3 x 3	3705	3410	38.27	47	2751	8.65	
4	R-2				8.9 x 4.3 x 2.9	3650	3273	38.27	44	2575	11.52	
5	R-2				9 x 4.4 x 2.9	3695	3295	39.6	44	2489	12.14	
6	R-2				8.9 x 4.2 x 3	3630	3260	37.38	44	2637	11.35	
7						OF THY CORD WHO OREATES	ریجی۔ الد کی خلق ر	133				
8					- 83							
9					>	10-		~				
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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Supervisor (Lab)



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6803 Dr. M. Yousaf

To: Mr. M. Shabbir Asif, Sub Engineer (Civil)

Punjab Daanish Schools and Centres of Excellence Authority, Government of Punjab. Project: Upgradation of Daanish Schools (Boys and Girls) at Hasilpur, (Constrution of Multipurpose Hall Balance Work Group 1-B). Our Ref. No. CL/CED/ 4467 Dated: 18-03-24 Your Ref. No. AM (E) /02/24/151 Dated: 10-02-24

COMPRESSION TEST REPORT



Test Specification

(----)

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

Specimens received on:		04-03-24		-24	Tested on:	18-03-24		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Casting Date*		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	Machine Made Double Line				8.8 x 4.3 x 2.9	3265	2795	37.84	38	2249	16.82	
2	Machine Made Double Line				8.9 x 4.2 x 2.8	3205	2755	37.38	38	2277	16.33	
3	Machine Made Double Line				8.8 x 4.3 x 2.9	3390	2850	37.84	30	1776	18.95	
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Witnessed by:												

witnessea 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 comprensive strength

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



6799 Dr. M. Yousaf

To: Engr. Nouman Qamar

Resident Engineer, AZ Engineering Associates, Narowal.

Project: Widening / Improvement of Road from Sialkot Cantt to Jassar Garrison Length = 69.00 KM, in									
District, Narowal. (Site RD: 983+00 - 1081+00). (Contractor: M/S Asad Construction Pvt. Ltd.)									
Our Ref. No. CL/CI	ED/ 4468	Dated:	18-03-24						
Your Ref. No.	AZ/RE/SNR/86	Dated:	16-02-24						

COMPRESSION TEST REPORT



Test Specification (BS 3921**)

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

Specimens received on:		01-03-24		-24	Tested on:	18-03-24		lin dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Machine Made Double line				8.7 x 4.3 x 2.8	3165	2730	37.41	38	2275	15.93	
2	Machine Made Double line				8.4 x 4.3 x 2.7	2870	2350	36.12	18	1116	22.13	
3	Machine Made Double line				8.7 x 4.3 x 2.8	3215	2660	37.41	30	1796	20.86	
4	Machine Made Double line				8.3 x 4.2 x 2.7	2755	2285	34.86	30	1928	20.57	
5	Machine Made Double line				8.5 x 4.1 x 2.5	2885	2440	34.85	30	1928	18.24	
6	Machine Made Double line				8.8 x 4.3 x 2.8	3225	2680	37.84	36	2131	20.34	
7	Machine Made Double line				8.8 x 4.3 x 2.7	3065 WHO CREATES	2495	37.84	20	1184	22.85	
8	Machine Made Double line				8.8 x 4. <mark>3 x 2.8</mark>	3290	2800	37.84	28	1658	17.5	
9	Machine Made Double line				8.7 x 4.3 x 2.8	3170	2675	37.41	54	3233	18.5	
10	Machine Made Double line				8.5 x 4.2 x 2.6	2790	2315	35.7	25	1569	20.52	
11	Machine Made Double line				8.8 x 4.3 x 2.7	3060	2520	37.84	34	2013	21.43	
12	Machine Made Double line				8.8 x 4.3 x 2.8	3270	2750	37.84	52	3078	18.91	
13	Machine Made Double line				8.8 x 4.3 x 2.6	2955	2555	37.84	25	1480	15.66	
14	Machine Made Double line				8.8 x 4.3 x 2.7	2830	2315	37.84	20	1184	22.25	
15	Machine Made Double line				8.7 x 4.2 x 2.8	3160	2645	36.54	32	1962	19.47	
16												
Witnessed by:												

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

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.

Supervisor (Lab)