

University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Altaf Hussain, M.E A S Enterprises. (Consultant AA Associates)

Project: Style Textile Raiwind.

9545 Dr. Aqsa

Our Ref. No. CL/CED/	9370	Dated:	29-11-19
Your Ref. No.	USD/ASE/17	Dated:	22-11-19

### **COMPRESSION TEST REPORT**

Tested on:

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

Specimens received on:

22-11-19

26-11

26-11-19 in dry/wet condition

		Ca	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et W	/eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
			(gm	is)			(Sq. in)	(Tons/lbs)	(Psi)	
1	C20	16	11	2019	6x6x6	8.2	36	72	4480	Non Engraved
2	C20	16	11	2019	6x6x6	8	36	76	4730	Non Engraved
3	C20	16	11	2019	6x6x6	8	36	74	4610	Non Engraved
4	C30	16	11	2019	6x6x6	8.2	36	77	4800	Non Engraved
5	C30	16	11	2019	6x6x6	8.2	36	76	4730	Non Engraved
6	C30	16	11	2019	6x6x6	8.4	36	80	4980	Non Engraved
7										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

\*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

\*\*\*\* 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

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

supervisor(lab)



To: Sub Divisional Officer

Our Ref. No. CL/CED/

**Buildings Sub Division No.15, Lahore.** 

# Plain and Reinforced Concrete Laboratory Department of Civil Engineering

University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

Specimens received on:

Your Ref. No.

25-11-19

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

2839

9371

Tested on:

COMPRESSION TEST REPORT

Dated:

Dated:

Project: Construction of Litigent Shed and Offices at Lahore High Court Lahore.

28-11-19 in dry/wet condition

29-11-19

08-11-19

Casting Date\* Size Area of Ultimate Ultimate Weight Š Mark\* /Wet Weight X-Section (in) (lbs./gms) load Stress Remarks . ເ (gms) (Tons/lbs) (Sq. in) (Psi) 1 F.F. Columns 24 10 2019 6x6x6 77 4800 8.8 36 Non Engraved F.F. Columns 2 24 10 2019 6x6x6 9 73 4550 Non Engraved 36 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Results can also be seen on website <u>http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6</u>

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\*\*\*\* 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

The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to

be interpreted in the light of above factors by the engineer.

supervisor(lab)

**Director/Dy. Director Concrete Laboratory** 

9548 Engr. A. Rehman



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Sub Divisional Officer

9549 Engr. A. Rehman

<b>Buildings Sub Division</b>	No.10, Lahore.		
Project: Construction of	of Police Station	Factory Area, L	ahore.
Our Pof No. CL/CED/	0272	Datad:	20

Our Ref. No. CL/CED/	9372	Dated:	29-11-19
Your Ref. No.	546/10th	Dated:	19-11-19

## COMPRESSION TEST REPORT

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

Specimens received on:

25-11-19 Tested on:

28-11-19 in dry/wet condition

						1			1	
		Ca	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et W	/eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Roof Slab (Third Floor)	18	11	2019	6x6x6	9	36	76	4730	Non Engraved
2	Roof Slab (Third Floor)	18	11	2019	6x6x6	8.8	36	80	4980	Non Engraved
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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Sub Divisional Officer

9549 Engr. A. Rehman

Buildings Sub Division Project: Construction o	•		Lahore.
	0070	Datadi	00.4

Your Ref. No.	550/10th	Dated:	19-11-19
Our Ref. No. CL/CED/	9373	Dated:	29-11-19

### **COMPRESSION TEST REPORT**

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

Specimens received on:

25-11-19 Tested on:

28-11-19 in dry/wet condition

Casting Date\* Size Weight Area of Ultimate Ultimate o Z Х-Mark\* /Wet Weight (in) (lbs./gms) load Stress Remarks Section ي. ت (Sq. in) (Tons/lbs) (gms) (Psi) Columns (Third 1 6 11 2019 6x6x6 6600 9 36 106 Non Engraved Floor) Columns (Third 2 6 11 2019 6x6x6 6160 9 36 99 Non Engraved Floor) 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Results can also be seen on website <u>http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6</u>

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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Sub Divisional Officer

9549 Engr. A. Rehman

Buildings Sub Division No.10, Lahore.									
Project: Construction of	Police Station	Factory Area, L	ahore.						
Our Pot No. CL/CED/	0274	Datad:	20						

Our Ref. No. CL/CED/	9374	Dated:	29-11-19
Your Ref. No.	548/10th	Dated:	19-11-19

## COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

25-11-19

28-11-19 in dry/wet condition

ວິ 2. Mark* ເວັ		sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Mark*	/W	/et W	/eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
Roof Slab (Second Floor)	18	10	2019	6x6x6	9	36	94	5850	Non Engraved
Roof Slab (Second Floor)	18	10	2019	6x6x6	9	36	77	4800	Non Engraved
	Roof Slab (Second Floor) Roof Slab (Second	Mark* /M Roof Slab (Second Floor) 18 Roof Slab (Second	Mark* /Wet W	Roof Slab (Second Floor)18102019Roof Slab (Second Floor)18102010	Mark*/Wet Weight(in)(gms)(gms)Roof Slab (Second Floor)181020196x6x6Roof Slab (Second Floor)181020106x6x6	Mark*/Wet Weight(in)(lbs./gms)Image: Constraint of the second of t	Mark* /Wet Weight (in) (lbs./gms) X- Section (Sq. in)   Roof Slab (Second Floor) 18 10 2019 6x6x6 9 36   Roof Slab (Second Floor) 18 10 2010 6x6x6 9 36	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Executive Engineer

9550 Engr. A. Rehman

Public Health Engg: Division Sialkot. Project: Providing & Laying of Tuff Tile PCC and Drainage Lines in UC Kotli Behram.

Our Ref. No. CL/CED/	9375	Dated:	29-11-19
Your Ref. No.	4601/S	Dated:	25-11-19

### COMPRESSION TEST REPORT

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

26-11-19 Specimens received on:

Tested on:

28-11-19 in dry/wet condition

<b></b>		Oration		1				
		Casting Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/Wet Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	UniBlock, Grey		2.3 thick	3522	37.25	110	6620	
2	UniBlock, Grey		2.3 thick	3491	37.25	113	6800	
3	UniBlock, Red		2.3 thick	3510	37.25	138	8300	
4								
5								
6								
7								
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Executive Engineer

9550 Engr. A. Rehman

Public Health Engg: Division Sialkot. Project: Providing & Laying of Tuff Tile PCC and Drainage Lines in UC Dalowali.

Our Ref. No. CL/CED/	9376	Dated:	29-11-19
Your Ref. No.	4602/S	Dated:	25-11-19

## COMPRESSION TEST REPORT

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

Specimens received on:

26-11-19 Tested on: 28-11-19 in dry/wet condition

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Nark* ເວັ		Casting Date*	Size	Weight	Area of	Ultimate	Ultimate	
		/Wet Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	UniBlock, Grey		2.3 thick	3408	37.25	144	8660	
2	UniBlock, Grey		2.3 thick	3449	37.25	152	9140	
3	UniBlock, Red		2.3 thick	3458	37.25	139	8360	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Sub Divisional Officer

9555 Engr. A. Rehman

**Buildings Sub Division No.10, Lahore.** Project: Construction of Lines / Training School for Close Protection Unit (Dolphin) at Township, Lahore (Group No.1).

Our Ref. No. CL/CED/	9377	Dated:	29-11-19
Your Ref. No.	535/10th	Dated:	15-11-19

## **COMPRESSION TEST REPORT**

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

Specimens received on:

27-11-19 Tested on:

28-11-19 in dry/wet condition

Sr. No.	Mark*	Mark*	Casting Date*		Size (in)	Weight (lbs./gms)	Area of X-	Ultimate load	Ultimate Stress	Remarks
S			(gn	-			Section (Sq. in)	(Tons/lbs)	(Psi)	
1	Raft (Admin Block)	19	8	2018	6x6x6	8.4	36	106	6600	Engraved
2	Raft (Admin Block)	19	8	2018	6x6x6	8.4	36	116	7220	Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

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University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Sub Divisional Officer

9555 Engr. A. Rehman

**Buildings Sub Division No.10, Lahore.** Project: Construction of Lines / Training School for Close Protection Unit (Dolphin) at Township, Lahore (Group No.1).

Our Ref. No. CL/CED/	9378	Dated:	29-11-19
Your Ref. No.	533/10th	Dated:	15-11-19

## COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

27-11-19

28-11-19 in dry/wet condition

Sr. No.	Mark*		Casting Date* /Wet Weight (gms)		Size (in)	Weight (Ibs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	Roof Slab, G.F, (Admin Block)	28	10	2019	6x6x6	9	36	110	6850	Engraved
2	Roof Slab, G.F, (Admin Block)	28	10	2019	6x6x6	9	36	114	7100	Engraved
3										
4										
5										
6										
7										
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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

To:	(Engr. Muhammad Abdullah) B&W Department UET, Laho Project: Construction Site of	re.		n UET, Lahore.
	Our Ref. No. CL/CED/	9379	Dated:	29-11-19

Your Ref. No.	B&W/AEN/1223	Dated:	20-11-19

## **COMPRESSION TEST REPORT**

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

20-11-19

Specimens received on:

Tested on:

26-11-19 in dry/wet condition

		T								1
		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
Sr. No.	Mark*	M	/et W	eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Second Floor Columns	14	10	2019	6Diax12	13.2	28.28	68	5390	Engraved
2	Second Floor Columns	14	10	2019	6Diax12	13.4	28.28	69	5470	Engraved
3										
4										
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supervisor(lab)

### Director/Dy. Director Concrete Laboratory

9531 Dr. Aqsa



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

То:	(Engr. Muhammad Abdulla B&W Department UET, Lal Project: Construction Site	hore.	0	in UET, Lahore.
	Our Ref. No. CL/CED/	9380	Dated:	29-11-19

Your Ref. No.	B&W/AEN/1224	Dated:	20-11-19

## COMPRESSION TEST REPORT

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

Specimens received on:

20-11-19 Tested on: 26-11-19 in dry/wet condition

			onting	n Doto*	Size	Waight	Area of	Ultimate	Ultimate	
o.				g Date*		Weight	X-			
Sr. No.	Mark*	Λ	Vet V	Veight	(in)	(lbs./gms)	Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Roof Slab	7	11	2019	6Diax12	13	28.28	43	3410	Engraved
2	Roof Slab	7	11	2019	6Diax12	13	28.28	40	3170	Engraved
3										
4										
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supervisor(lab)

#### Director/Dy. Director Concrete Laboratory

9531 Dr. Aqsa