

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

To: Mr. Khalid Bashir

1964 Dr. Aqsa

Ittefaq Building Solutions Pvt. Ltd Project: Diamond Denim By Sapphire, Ferozwatwan							
Our Ref. No. CL/CED/	6042	Dated:	10/12/2021				

Your Ref. No.	IBS/SD/CT03	Dated:	9/24/2021

COMPRESSION TEST REPORT

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

Specimens received on:

9/24/2021 Tested on: 10/5/2021 in dry/wet condition

i										1
		Cas	sting	JDate*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/W	et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0,			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Footing	18	9	2021	6Diax12	13.8	28.28	41	3250	Non Engraved
2	Footing	18	9	2021	6Diax12	13.6	28.28	43	3410	Non Engraved
3	Footing	18	9	201	6Diax12	14	28.28	41	3250	Non Engraved
4										
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16										

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)



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

To: Mr. Khalid Bashir

1964 Dr. Aqsa

Ittefaq Building Solutions Pvt. Ltd Project: Diamond Denim By Sapphire, Ferozwatwan

Our Ref. No. CL/CED/	6043	Dated:	10/12/2021
Your Ref. No.	IBS/SD/CT02	Dated:	9/24/2021

COMPRESSION TEST REPORT

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

Specimens received on:

9/24/2021 Tested on:

10/5/2021 in dry/wet condition

Casting Date* Ultimate Ultimate Size Weight Area of å /Wet Weight Mark* (in) (lbs./gms) X-Section load Stress Remarks ທີ່ (Tons/lbs) (gms) (Sq. in) (Psi) Non 1 9 2021 6Diax12 Lab 07 Footing 17 13.2 28.28 32 2540 Engraved Non 2 17 9 2021 Lab 07 Footing 6Diax12 13.2 28.28 36 2860 Engraved 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: Mr. Khalid Bashir

1964 Dr. Aqsa

Ittefaq Building Solutions Pvt. Ltd Project: Diamond Denim By Sapphire, Ferozwatwan

Our Ref. No. CL/CED/	6044	Dated:	10/12/2021
Your Ref. No.	IBS/SD/CT01	Dated:	9/24/2021

COMPRESSION TEST REPORT

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

Specimens received on:

9/24/2021 Tested on:

10/5/2021 in dry/wet condition

		1					1		1	1
		Cas	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/W	et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
S S			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Lab 07 Social	17	9	2021	6Diax12	13.4	28.28	30	2380	Non Engraved
2	Lab 07 Social	17	9	2021	6Diax12	13.2	28.28	32	2540	Non Engraved
3										
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supervisor(lab)



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

To: Mr. Azhar Waqas

2020 Dr.Yousaf

Design Age Architects I Project: Nil	Design Age Architects Engineers Consultants & Contractors Project: Nil									
Our Ref. No. CL/CED/	6045	Dated:	10/12/2021							
Your Ref. No.	Nil	Dated:	Nil							

COMPRESSION TEST REPORT

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

Specimens received on:

10/4/2021 Tested on:

10/5/2021 in dry/wet condition

					1	Γ		
		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	Cut Cube		2x2x2	470	4	15.5	8680	
2								
3								
4								
5								
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7								
8								
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supervisor(lab)



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

To: Mr. Hassan Niazi

1908 Dr.Yousaf

WWF - Pakistan Project: Community Water Stewardship Initiatives

	•		
Our Ref. No. CL/CED/	6046	Dated:	10/12/2021
Your Ref. No.	Nil	Dated:	9/3/2021

COMPRESSION TEST REPORT

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

Specimens received on:

9/15/2021 Tested on:

10/5/2021 in dry/wet condition

Casting Ultimate Ultimate Size Weight Area of Date* £ /Wet Mark* (in) (lbs./gms) X-Section load Stress Remarks Weight പ് (Tons/lbs) (gms) (Sq. in) (Psi) Non 1 Cut Cube 1 9 4x4x4 21 2.345 16 17 2380 Engraved 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

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

1994 Dr.Aqsa

To: Sub Divisional Officer The Punjab Emlpoyees Social Security Institution Project: Construction of PPFT Building Defence Road Lahore

Our Ref. No. CL/CED/	6047	Dated:	10/12/2021
Your Ref. No.	SS.DC(340)/21/234	Dated:	9/27/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/29/2021

Tested on:

10/

10/5/2021 in dry/wet condition

		C	astiı Date	ng *	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*			eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)		(gms	5)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Nil	27	8	21	6x6x6	8.4	36	93	5790	Engraved
2	Nil	27	8	21	6x6x6	8.4	36	91	5670	Engraved
3										
4										
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7										
8										
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13										
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supervisor(lab)



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

1997 Engr. Ubaid A Mughal

To: Mr. Arfan Nazir Nishat Mills Limited Lahore (Guarantee Engineer's) Project: Nishat Apparel Unit 2 Entension Building

Our Ref. No. CL/CED/	6048	Dated:	10/12/2021
Your Ref. No.	NAL/CT/005	Dated:	9/9/2021

COMPRESSION TEST REPORT

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

Specimens received on:

9/29/2021 Tested on:

9/

9/30/2021 in dry/wet condition

		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
Sr. No.	Mark*	/We ⁻	t We	eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)		(gms	5)			(Sq. in)	(Tons/lbs)	(Psi)	
1	3000 PSI	28	8	21	6x6x6	8.4	36	73	4550	Non Engraved
2	3000 PSI	28	8	21	6x6x6	8.4	36	79	4920	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
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University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

1980 Dr. Mazhar Saleem

To: Mr. Arfan Nazir

Nishat Mills Limited Lahore (Ittefaq Building Solution) Project: Construction of Stitching Unit 31 Extension

Our Ref. No. CL/CED/	6049	Dated:	10/12/2021
Your Ref. No.	Nil	Dated:	9/28/2021

COMPRESSION TEST REPORT

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

Specimens received on:

9/28/2021 Tested on:

9/29/2021 in dry/wet condition

Casting Ultimate Size Weight Area of Ultimate Date* Ž Mark* /Wet Weight (lbs./gms) X-Section load Stress Remarks (in) ທີ່ (Tons/lbs) (gms) (Sq. in) (Psi) 6x6x6 1 2nd Floor Slab 20 9 21 9 36 70 4360 Engraved 2 2nd Floor Slab 20 9 21 6x6x6 8.8 36 65 4050 Engraved 3 2nd Floor Slab 20 21 8.6 36 61 3800 9 6x6x6 Engraved 4 5 6 7 8 9 10 11 12 13 14 15 16

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

1980 Dr. Mazhar Saleem

To: Mr. Arfan Nazir Nishat Mills Limited Lahore (Ittefaq Building Solution) Project: Construction of Stitching Unit 31 Extension

 Our Ref. No. CL/CED/
 6050
 Dated:
 10/12/2021

 Your Ref. No.
 Nil
 Dated:
 9/28/2021

COMPRESSION TEST REPORT

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

Spec	imens received on:	9/2	28/20	021	Tested on:		9/29/2021	in dry/wet condit	ion	
Sr. No.	Mark*		Casting Date* /Wet Weight		Size (in)	Weight (Ibs./gms)	Area of X-Section	Ultimate load	Ultimate Stress	Remarks
0,		((gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	1st Floor Slab	27	8	21	6x6x6	8.6	36	47	2930	Engraved
2	1st Floor Slab	27	8	21	6x6x6	8.8	36	55	3430	Engraved
3	1st Floor Slab	27	8	21	6x6x6	8.8	36	37	2310	Engraved
4										
5										
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supervisor(lab)



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

> 2002 Engr. Ubaid A Mughal

To: Mr. Muhammad Khalid Zaman Engineering Consultancy Services Punjab (PVT.) Ltd. Project: Surface Water Treatment Plant at Rural Area Okara, Sahiwal

Our Ref. No. CL/CED/	6051	Dated:	10/12/2021
Your Ref. No.	ECSP/PAPA/CZ-RN-11	Dated:	9/30/2021

COMPRESSION TEST REPORT

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

Specimens received on:

9/30/2021 Tested on:

10/

10/6/2021 in dry/wet condition

Ir	l					1	1		1	
			astii Date	ng *	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*		/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
		(gms)		5)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Chak 25/1AL	27	8	21	6Diax12	13.6	28.28	60	4760	Non Engraved
2	Chak 25/1AL	27	8	21	6Diax12	13.6	28.28	69	5470	Non Engraved
3										
4										
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supervisor(lab)

C	Figure 1 Figure 1 Figure 2 Plain and Reinforced Concrete Laboratory Department of Civil Engineering University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217 To: Mr. Arsalan Anjum												
То:	Project Management Unit (PMU) Govt of Punjab Project: Provsion of Indoor Gym Facilities at Tehsil Chichawatni District Sahiwal												
	Our Ref. No. CL/CE)/			6052	Dated:	10/2	12/2021					
	Your Ref. No.	APD/	ΡΜ	J/SBP/	SWL/2021/218	Dated:	9/1	0/2021					
		CO)M	PRI	ESSION -	TEST RE	PORT						
Conc	Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers												
Spec	imens received on:	10/	/1/20)21	Tested on:		10/6/2021	in dry/wet condi	tion				
		Cast	ting [Date*	Size	Weight	Area of	Ultimate	Ultimate				
Sr. No.	Mark*	/We	et We	eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks			
ي ۲	I	((gms)		-	(Sq. in)	(Tons/lbs)	(Psi)				
1	Footing	13	8	21	6x6x6	8.6	36	63	3920	Non Engraved			
2	Footing	13	8	21	6x6x6	8.8	36	59	3680	Non Engraved			
3										Ligitite			
4													
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supervisor(lab)

Project Management Unit (PMU) Govt of Punjab Project: Provsion of Indoor Gym Facilities at Tehsil Chichawatni District Sahiwal Our Ref. No. CL/CED/ 6053 Dated: 10/12/2021 Your Ref. No. APD/PMU/SBP/SWL/2021/225 Dated: 9/24/2021 COMPRESSION TEST REPORT Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers Specimens received on: 10/1/2021 Tested on: 10/6/2021 in dry/wet condition Quitable Vet Weight (in) (lbs./gms) X-Section load Stress R Quitable (gms) (in) (lbs./gms) X-Section load Stress R 1 Column 26 8 21 6x6x6 8.6 36 81 5040 E	Saleem
Your Ref. No. APD/PMU/SBP/SWL/2021/225 Date: 9/24/2021 COMPRESSION TEST REPORT Specimens received on: 10/1/2021 Tested on: 10/6/2021 in dry/wet condition Q Mark* Casting Date* Size Weight Area of Ultimate Stress R Q Mark* //Wet Weight (in) (lbs./gms) X-Section load Stress R 1 Column 26 8 21 6x6x6 8.6 36 79 4920 Ei 3 I <	
COMPRESSION TEST REPORT Sourcete Cubes/Concete Jubes/Bricks/Cores/Tuff Tiles/Pavers Specimens received on: 10/1/2021 Tested on: 10/6/2021 in dry/wet condition Q Mark* Casting Date* Size Weight Area of Ultimate Ultimate R Q Mark* Casting Date* Size Weight Area of Ultimate Ultimate R Q Mark* Casting Date* Size Weight Area of Ultimate Ultimate R 1 Column 26 8 21 6x6x6 8.6 36 81 5040 End 2 Column 26 8 21 6x6x6 8.8 36 79 4920 End 3 Image:	
Concrete Cubes/Concrete Uluters/Bricks/Cores/Tuff Tiles/Pavers Specimens received on: $10/1/2021$ Tested on: $10/6/2021$ in dry/wet condition $ \frac{2}{c_0} $ Mark* $ \frac{Casting Date*}{(gms)} $ Size Weight Area of Ultimate Ultimate Stress R $ \frac{2}{c_0} $ Mark* $ \sqrt{We Weight} $ (in) (ibs./gms) X-Section load Stress R 1 Column 26 8 21 6x6x6 8.6 36 81 5040 Ei 2 Column 26 8 21 6x6x6 8.8 36 79 4920 Ei 3	
Specimens received on: $10/1/2021$ Tested on: $10/6/2021$ in dry/wet condition $\frac{2}{50}$ Mark* Casting Date* Size Weight (in) Area of (lbs./gms) Ultimate Ultimate Stress R 1 Column 26 8 21 6x6x6 8.6 36 81 5040 Er 2 Column 26 8 21 6x6x6 8.8 36 79 4920 Er 3	
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1 Column 26 8 21 6x6x6 8.6 36 81 5040 Ei 2 Column 26 8 21 6x6x6 8.8 36 79 4920 Ei 3	
2 Column 26 8 21 6x6x6 8.8 36 79 4920 EI 3	Non
3	ngraved Non ngraved
5	ngraved
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7 6 7 <th7< th=""> <th7< th=""> <th7< th=""> <th7< th=""></th7<></th7<></th7<></th7<>	
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16 16 Image: searchine in the	

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supervisor(lab)



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

1952 Dr. M. Yousaf

To: Executive Engineer (B&W) UVAS, Lahore

Building and Works Department (University of Veterinary & Animal Sciences Lahore)

Project: Residence for (Grade 1-10) B Block at Ahata Quarters City Campus, UVAS, Lahore (M/S Junaid & B

Our Ref. No. CL/CED/	6054	Dated:	10/12/2021
Your Ref. No.	E.E 642	Dated:	4/29/2021

COMPRESSION TEST REPORT

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

Specimens received on:

9/22/2021 Tested on:

10/5/2021 in dry/wet condition

		Casting Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/Wet Weight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	41		9.0x4.2x3.0	3502	37.8	70	4150	
2	41		9.0x4.2x2.9	3525	37.8	68	4030	
3	41		8.9x4.2x3.0	3515	37.38	50	3000	
4								
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8								
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13								
14								
15								
16								

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)



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

> 2030 Dr. Mazhar Saleem

To: Sub Divisional Officer, (Buldings)

Sub division Ferozewala Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore (ADP No. 3271/2020-21) Phase Academic Block-II

Our Ref. No. CL/CED/	6055	Dated:	10/12/2021
Your Ref. No.	1243/F	Dated:	9/20/2021

COMPRESSION TEST REPORT

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

Spec on:	imens received	10/5/20	21		Tested	on:	10/6/2021	in dry/wet cor	ndition	
Sr. No.	Mark*	Casting D /Wet We	ight		Size (in)	Weight (Ibs./gms)	Area of X-Section	Ultimate load (Tons/lbs)	Ultimate Stress	Remarks
		(gms)	Γ				(Sq. in)		(Psi)	Non
1	Roof Slab (L)	23	8	21	6x6x6	9	36	92	5730	Engraved
2	Roof Slab (L)	23	8	21	6x6x6	8.8	36	73	4550	Non Engraved
3	Roof Slab (L)	23	8	21	6x6x6	9	36	63	3920	Non Engraved
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

2030 Dr. Mazhar Saleem

To: Sub Divisional Officer, (Buldings) Sub division Ferozewala

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore (ADP No. 3271/2020-21) Phase Academic Block-II

Our Ref. No. CL/CED/	6056	Dated:	10/12/2021
Your Ref. No.	1178/F	Dated:	8/9/2021

COMPRESSION TEST REPORT

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

Specimens received on:

10/5/2021

Tested on:

10/6/2021 in dry/wet condition

		C:	astii Date	ng •*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/We	t We	eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	F.F Slab (R)	10	7	21	6x6x6	8.4	36	55	3430	Non Engraved
2	F.F Slab (R)	10	7	21	6x6x6	8.4	36	108	6720	Non Engraved
3	F.F Slab (R)	10	7	21	6x6x6	8.8	36	108	6720	Non Engraved
4										
5										
6										
7										
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9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

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

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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)



University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

2030 Dr. Mazhar Saleem

To: Sub Divisional Officer, (Buldings) Sub division Ferozewala Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore (ADP No. 3271/2020-21) Phase Academic Block-II

Our Ref. No. CL/CED/	6057	Dated:	10/12/2021
Your Ref. No.	1179/F	Dated:	09/8/2021

COMPRESSION TEST REPORT

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

Specimens received on:		10/5/2021			Tested on:		10/6/2021	21 in dry/wet condition		
o.			astir Date	ng *	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/We	t We	eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)		(gms	;)			(Sq. in)	(Tons/lbs)	(Psi)	
1	2nd Floor Columns	12	7	21	6x6x6	9	36	83	5170	Non Engraved
2	2nd Floor Columns	12	7	21	6x6x6	8.8	36	81	5040	Non Engraved
3	2nd Floor Columns	12	7	21	6x6x6	8.8	36	83	5170	Non Engraved
4										
5										
6										
7										
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14										
15										
16										

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* as engraved on the specimens (if any)

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**** 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

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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)



Dated:

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

10/12/2021

9/30/2021

2033 Dr. Mazhar Saleem

To: Engr. Tajammal Farooq Resident Engineer (AZEA) QABP-Sheikhupura AZ Engineering Associates Project: Construction of Multi purpose complex, Building (Phase 1) at Qu

Project: Construction of Multi purpose complex, Building (Phase 1) at Quaid-e-Azam Business Park on M-2 Sheikhupura

Our Ref. No. CL/CED/ 6058 Dated:

RE/AZEA/MPC-103

Your Ref. No.

COMPRESSION TEST REPORT

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

10/6/2021 in dry/wet condition Specimens received on: 10/5/2021 Tested on: Casting Size Weight Area of Ultimate Ultimate Date* Š /Wet Mark* (lbs./gms) X-Section load Stress Remarks (in) Weight <u>ت</u>. (Tons/lbs) (gms) (Sq. in) (Psi) Non 1 1 9 21 6diax12 28.28 4360 Raft Panel (21A~30) 14.4 55 Engraved Non 2 Raft Panel (21A~30) 1 9 21 6diax12 14 28.28 75 5950 Engraved Non 3 Raft Panel (21A~30) 1 9 21 6diax12 14 28.28 4040 51 Engraved Non 4 Columns of Panel # 02, 03 2 9 21 6diax12 14 28.28 92 7290 Engraved Non 5 Columns of Panel #02, 03 2 9 21 6diax12 14 28.28 6970 88 Engraved Non 6 Columns of Panel # 02, 03 2 9 21 6diax12 14 28.28 90 7130 Engraved 7 8 9 10 11 12 13 14 15 16

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)

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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)



University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

2015 Engr. Ubaid A Mughal

To: Sh. Muhammad Tariq, Porject Manager Alpha Home Apartment (Block-C) Lahore Mughal Republic Engineering Corporation (PVT) LTD. Project: Construction of Aplha Home Apartments (Block-c) Beacon House Estate at Jati Umra Road Off Rain

Our Ref. No. CL/CED/	6059	Dated:	10/12/2021
Your Ref. No.	AHA: 08	Dated:	9/30/2021

COMPRESSION TEST REPORT

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

Specimens received on:

10/1/2021 Tested on:

10/6/2021 in dry/wet condition

			astir Date	ng *	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/We	t We	eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	Ground Floor Grid 38-44/A-D	22	9	21	6diax12	13.6	28.28	40	3170	Engraved
2	Ground Floor Grid 38-44/A-D	22	9	21	6diax12	13.8	28.28	31	2460	Engraved
3	Ground Floor Grid 38-44/A-D	22	9	21	6diax12	13.8	28.28	32	2540	Engraved
4										
5										
6										
7										
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13										
14										
15										
16										

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)

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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)



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

ie Nos. 042-99029202, 042-99029217

2021 Engr. Ubaid A Mughal

To:	Mr. Bilal Rehman S/O Fazal H # E-144-A1 Lahore Cantt Project:	Rehman		
	Our Ref. No. CL/CED/	6060	Dated:	10/12/2021
	Your Ref. No.	Nil	Dated:	Nil

COMPRESSION TEST REPORT

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

Specimens received on:

10/4/2021 Tested on:

10/6/2021 in dry/wet condition

o.		(Da		Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*		/W Wei	/et ight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0,			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	Slab	6	9	21	6diax12	13.1	28.28	43	3410	Non Engraved
2	Slab	6	9	21	6diax12	13.1	28.28	42	3330	Non Engraved
3	Slab	6	9	21	6diax12	13.8	28.28	55	4360	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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)

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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)



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

> 2012 Engr. Ubaid A Mughal

To: Site Engineer ASTACO Engineers & Contractors Project: House # 122-A Cavalry Ground Lahore

Our Ref. No. CL/CED/	6061	Dated:	10/12/2021
Your Ref. No.	Nil	Dated:	10/1/2021

COMPRESSION TEST REPORT

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

Specimens received on:

10/1/2021 Tested on:

10/6/2021 in dry/wet condition

	Mark*	Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
Sr. No.		/We	/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)		(gms)		s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Nil	23	9	21	6diax12	13.2	28.28	66	5230	Non Engraved
2	Nil	23	9	21	6diax12	13.6	28.28	52	4120	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

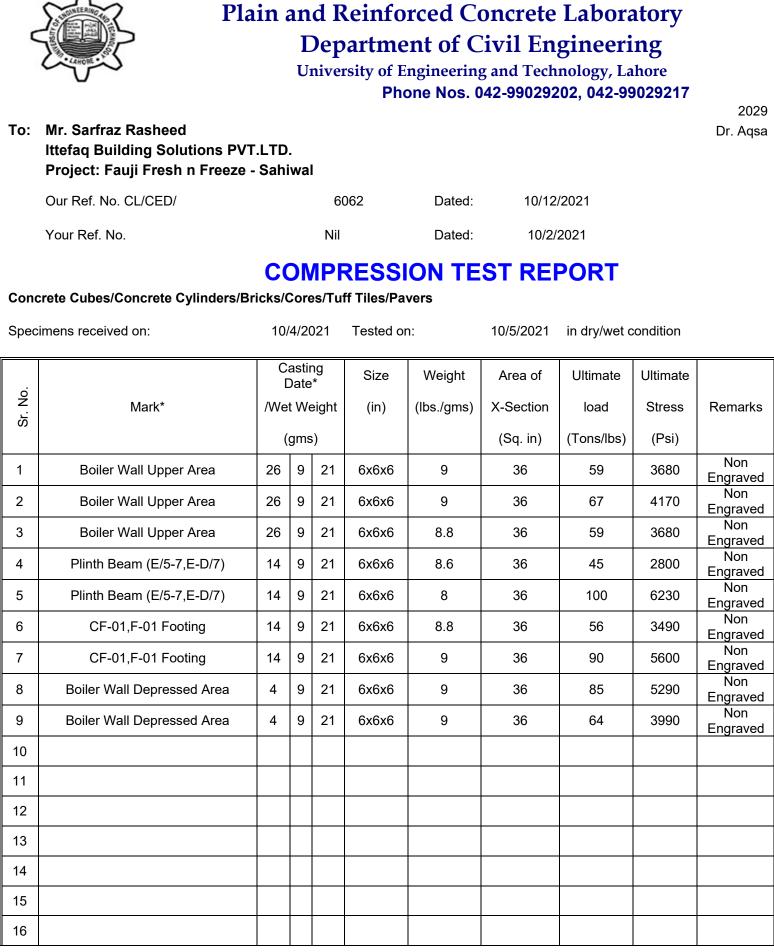
**** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprensive strength

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)



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

* as engraved on the specimens (if any)

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supervisor(lab)



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

To: M/S CMPak Lmited

1862 Dr. Umbreen

Zong 4G China Mobile Company

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore

Our Ref. No. CL/CED/	6063	Dated:	10/12/2021
Your Ref. No.	CMPAK/NDC/Cylinder/01	Dated:	8/31/2021

COMPRESSION TEST REPORT

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

Specimens received on:

9/8/2021 Tested on:

9/16/2021 in dry/wet condition

Sr. No.	Mark*		Casting Date* /Wet Weight (gms)		Date* /Wet Weight		Date* /Wet		Date* /Wet Weight		Date* 0120 /Wet Weight (in)			Weight (Ibs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	A-1 Col	3	8	21	6Diax12	14	28.28	73	5790	Non Engraved								
2	B-1	3	8	21	6Diax12	14.2	28.28	73	5790	Non Engraved								
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		

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

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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)



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

To: M/S CMPak Lmited

1862 Dr. Umbreen

Zong 4G China Mobile Company

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore

Our Ref. No. CL/CED/	6064	Dated:	10/12/2021
Your Ref. No.	CMPAK/NDC/Cylinder/01	Dated:	9/1/2021

COMPRESSION TEST REPORT

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

Specimens received on:

9/8/2021 Tested on: 9/16/2021 in dry/wet condition

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$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Ġ	Date*		Size	Weight	Area of	Ultimate	Ultimate			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Sr. No	Mark*		/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
1 C-1 4 6 21 ODIAX12 14 26.26 67 5310 Engraved 2 A-2 4 8 21 6Diax12 14 28.28 69 5470 Non 3				(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
2 A-2 4 6 21 60/dx12 14 28.28 69 5470 Engraved 3	1	C-1	4	8	21	6Diax12	14	28.28	67	5310	Engraved
3 .	2	A-2	4	8	21	6Diax12	14	28.28	69	5470	
5	3										
6	4										
7 1	5										
8 9 6 9 6 9 6 9 10	6										
9 Image: Constraint of the second secon	7										
10 10 10 11 11 11 11 11 12 11 11 11 13 11 11 11	8										
11 <	9										
12 12 13 14 14 14 14 14	10										
13	11										
	12										
14	13										
	14										
15	15										
16	16										

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)

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supervisor(lab)



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

To: M/S CMPak Lmited

1862 Dr. Umbreen

Zong 4G China Mobile Company

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore

Our Ref. No. CL/CED/	6065	Dated:	10/12/2021
Your Ref. No.	CMPAK/NDC/Cylinder/01	Dated:	9/2/2021

COMPRESSION TEST REPORT

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

Specimens received on:

9/8/2021 Tested on: 9/16/2021 in dry/wet condition

		Da		ting te*	Size	Weight	Area of	Ultimate	nate Ultimate	
Sr. No.	Mark*		/Wet Weight (gms)		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
							(Sq. in)	(Tons/lbs)	(Psi)	
1	C-2	5	8	21	6Diax12	14	28.28	65	5150	Non Engraved
2	A-3	5	8	21	6Diax12	14	28.28	73	5790	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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)

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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)



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

To: M/S CMPak Lmited Zong 4G China Mobile Company Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore

Our Ref. No. CL/CED/ 6066 Dated: 10/12/2021

Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 9/3/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/8/2021

Tested on:

9/16/2021 in dry/wet condition

ġ			Casi Dat	ting te*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*		et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Col 1st F to Tie Beam 7	6	8	21	6Diax12	14	28.28	65	5150	Non Engraved
2	Col 1st F to Tie Beam 8	6	8	21	6Diax12	14	28.28	55	4360	Non Engraved
3										
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

* 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)

Director/Dy. Director Concrete Laboratory

1862 Dr. Umbreen



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

To: M/S CMPak Lmited

1862 Dr. Umbreen

Zong 4G China Mobile Company Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore

Our Ref. No. CL/CED/	6067	Dated:	10/12/2021
Your Ref. No.	CMPAK/NDC/Cylinder/01	Dated:	9/4/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/8/2021

Tested on:

9/1

9/16/2021 in dry/wet condition

D									-	-	
Ġ			Da		Size	Weight	Area of	Ultimate	Ultimate		
Sr. No.	Mark*		/Wet Weight (gms)				(lbs./gms)	X-Section	load	Stress	Remarks
0,							(Sq. in)	(Tons/lbs)	(Psi)		
1	B-2	7	8	21	6Diax12	14	28.28	55	4360	Non Engraved	
2	C-4	7	8	21	6Diax12	14	28.28	73	5790	Non Engraved	
3											
4											
5											
6											
7											
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14											
15											
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supervisor(lab)



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

To: M/S CMPak Lmited

1862 Dr. Umbreen

Zong 4G China Mobile Company

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore

Our Ref. No. CL/CED	/ 6068	Dated:	10/12/2021
Your Ref. No.	CMPAK/NDC/Cylinder/01	Dated:	9/7/2021

COMPRESSION TEST REPORT

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

Specimens received on:

9/8/2021 Tested on: 9/16/2021 in dry/wet condition

r										1
·		C	astii Date	ng *	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/We	/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
		(gms)		5)			(Sq. in)	(Tons/lbs)	(Psi)	
1	GF PB 9	10	8	21	6Diax12	14	28.28	45	3570	Non Engraved
2	GF PB 10	10	8	21	6Diax12	13	28.28	31	2460	Non Engraved
3										
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supervisor(lab)