

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

# To: Mr. Hassan khan Sherwani (Provinvial Construction Supervision Manager) Dr.Ambreen Humqadam SCRP (M/s Astral Constructions) Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GES Bukkan Key)

Our Ref. No. CL/CED/	2155	Dated:	19-02-21
Your Ref. No.	IMC-LHR/SCRP/2020/ MaterialTesting/LHR-1	Dated:	18-02-21

#### **COMPRESSION TEST REPORT**

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

Specimens received on:

18-02-21 Tested on:

19-02-21 in dry/wet condition

720

		Cas	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	W	et V	/eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	ıs)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Mortar Cube	18	1	2021	2.0x2.0x2.0	251	4	8	4410	
2	Mortar Cube	18	1	2021	2.0x2.0x2.0	259	4	7	3860	
3	Mortar Cube	18	1	2021	2.0x2.0x2.0	263	4	10	5510	
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.



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

#### To: Mr. Hassan khan Sherwani (Provincial Construction Supervision Manager) Humqadam SCRP (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide(GES Bukkan Key)

Our Ref. No. CL/CED/	2155	Dated:	19-02-21
Your Ref. No.	IMC-LHR/SCRP/2020/ MaterialTesting/LHR-1	Dated:	18-02-21

#### **COMPRESSION TEST REPORT**

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

Specimens received	
on:	18-02-21

Tested on:

19-02-21 in dry/wet condition

720

Dr.Ambreen

	. Casting Dat		ig Date*	Size	Weight	Area of	Ultimate	Ultimate		
Sr. No.	Mark*	Λ	Vet	Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Mortar Cube	18	1	2021	2.0x2.0x2.0	251	4	8	4410	
2	Mortar Cube	18	1	2021	2.0x2.0x2.0	259	4	7	3860	
3	Mortar Cube	18	1	2021	2.0x2.0x2.0	263	4	10	5510	
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)



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

720

 To:
 Mr. Hassan khan Sherwani (Provinvial Construction Supervision Manager)
 Dr.Ambreen

 Humqadam SCRP (M/s Astral Constructions)
 Dr.Ambreen
 Dr.Ambreen

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide(GGES Bheem kay

Our Ref. No. CL/CED/	2156	Dated:	19-02-21
Your Ref. No.	IMC-LHR/SCRP/2020/ MaterialTesting/LHR-1	Dated:	18-02-21

# COMPRESSION TEST REPORT

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

Specimens received 18-02-21 Tested on: 19-02-21 in dry/wet condition on: Casting Date\* Size Weight Area of Ultimate Ultimate å Х-Mark\* /Wet Weight (in) (lbs./gms) load Stress Remarks Section ي. ت (gms) (Sq. in) (Tons/lbs) (Psi) 1 Mortar Cube 19 1 2021 2.0x2.0x2.0 264 4 11 6070 2 Mortar Cube 19 1 2021 2 0x2 0x2 0 255 4 13 7170 3 Mortar Cube 2.0x2.0x2.0 4 19 1 2021 251 12 6620 4 5 6 7 8 9 10 11 12 13 14 15 16

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

\* 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

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. Hassan khan Sherwani (Provinvial Construction Supervision Manager) Dr.Ambreen Humqadam SCRP (M/s Astral Constructions) Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GPS Rathnay Wala)

Our Ref. No. CL/CED/	2157	Dated:	19-02-21
Your Ref. No.	IMC-LHR/SCRP/2020/ MaterialTesting/LHR-1	Dated:	18-02-21

#### **COMPRESSION TEST REPORT**

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

Specimens received on:

18-02-21

Tested on:

19-02-21 in dry/wet condition

720

		Ca	astir	ng Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Λ	Vet	Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Mortar Cube	17	1	2021	2.0x2.0x2.0	268	4	8	4410	
2	Mortar Cube	17	1	2021	2.0x2.0x2.0	260	4	14	7720	
3	Mortar Cube	17	1	2021	2.0x2.0x2.0	264	4	10	5510	
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.



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

#### To: Mr. Hassan Khan Sherwani (Provincial Construction Supervision Manager) Humqadam SCRP (M/s Astral Constructions)

720 Dr. Ambreen

Project: Humqadam-School Construction and Rehabilitation Programme (GHS Jia Bagga)

Our Ref. No. CL/CED/2158Dated:19-02-21IMC-LHR-SCRP-/SCRP/Your Ref. No.2020/Material Testing/LHR-1Dated:18-02-21

### **COMPRESSION TEST REPORT**

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

Specimens received on:

18-02-21

Tested on:

19-02-21 in dry/wet condition

÷		Cast	ing [	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/We	t We	eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(	gms	)			(Sq. in)	(Tons/lbs)	(Psi)	
1		21	1	2021	6Diax12	13	28.28	47	3730	Non Engraved
2		21	1	2021	6Diax12	13	28.28	27	2140	Non Engraved
3		21	1	2021	6Diax12	12.8	28.28	43	3410	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)

\*\* 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: M/s Arshad Bricks Corporation. Jia Bagga, Lahore.

#### **Project: Nil**

Our Ref. No. CL/CED/	2159	Dated:	19-02-21
Your Ref. No.	Nil	Dated:	08-02-21

# COMPRESSION TEST REPORT

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

08-02-21 Specimens received on:

Tested on:

19-02-21 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	ABC		8.8x4.2x2.9	3399	36.96	41	2490	
2	ABC		8.8x4.3x2.8	3401	37.84	51	3020	
3	ABC		8.7x4.3x2.9	3311	37.41	47	2820	
4	ABC		8.7x4.2x2.9	3366	36.54	59	3620	
5	ABC		8.7x4.2x3.0	3544	36.54	37	2270	
6	ABC		8.7x4.3x3.0	3488	37.41	57	3420	
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)

#### Director/Dy. Director Concrete Laboratory

636 Dr. Ambreen



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

#### To: M/s Arshad Bricks Corporation. Jia Bagga, Lahore.

#### Project: Nil

Our Ref. No. CL/CED/	2160	Dated:	19-02-21
Your Ref. No.	Nil	Dated:	08-02-21

# **COMPRESSION TEST REPORT**

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

Spec	imens received on:	08-02-21	Tested on:		19-02- 21	in dry/wet condition			
Sr. No.	Mark*	Casting Date* /Wet	Size (in)	Weight (lbs./gms)	Area of X-	Ultimate	Ultimate Stress	Remarks	
ي. ۲.	Mark	Weight	(11)	(IDS./gitts)	Section			Remarks	
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)		
1	ASB		8.7x4.3x3.0	3429	37.41	57	3420		
2	ASB		8.9x4.3x3.1	3605	38.27	53	3110		
3	ASB		8.7x4.3x3.0	3451	37.41	67	4020		
4	ASB		8.8x4.3x3.0	3647	37.84	53	3140		
5	ASB		8.8x4.3x3.1	3453	37.84	61	3620		
6	ASB		8.8x4.3x3.0	3416	37.84	59	3500		
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>

\* 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 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**

636 Dr. Ambreen



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

#### To: M/s Arshad Bricks Corporation. Jia Bagga, Lahore.

#### **Project: Nil**

Our Ref. No. CL/CED/	2161	Dated:	19-02-21
Your Ref. No.	Nil	Dated:	08-02-21

### COMPRESSION TEST REPORT

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

08-02-21 Specimens received on:

Tested on:

19-02-21 in dry/wet condition

636

Dr. Ambreen

		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	SA		8.9x4.4x3.1	3711	39.16	53	3040	
2	SA		8.8x4.4x3.0	3606	38.72	63	3650	
3	SA		8.8x4.3x3.0	3646	37.84	47	2790	
4	SA		8.8x4.4x3.1	3653	38.72	43	2490	
5	SA		8.7x4.4x3.0	3486	38.28	53	3110	
6	SA		8.8x4.4x3.1	3606	38.72	61	3530	
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)



Lahore.

Your Ref. No.

Our Ref. No. CL/CED/

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

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

19-02-21

17-02-21

COMPRESSION TEST REPORT Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers											
Specimens received on: 18-02-21 Tested on: 19-02-21 in dry/wet condition											
		Са	astir	ng Date*	Size	Weight	Area of	Ultimate	Ultimate		
Sr. No.	Mark*	Λ	Net	Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks	
0,			(g	ıms)			(Sq. in)	(Tons/lbs)	(Psi)		
1	Column (4000)Psi	6	1	2021		13.8	28.28	61	4840	Non Engraved	
2	Column (4000)Psi	6	1	2021		13.4	28.28	69	5470	Non Engraved	
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
Resu	lts can also be seen o	on w	ebs	ite <u>http://v</u>	www.uet.e	du.pk/facultie	es/facultiesi	nfo/department?R	ID=testing_re	<u>eports&amp;id=6</u>	

Dated:

Dated:

To: M/s Ittefaq Building Solution (Pvt.) Ltd.

Project: Construction of McDonalds Resturant DHA-Rahber, Lahore.

2162

IBS/MCDR/CT29

713 Dr. Ambreen

\* 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: Flt. Lt. Sameed Ahmad AD Tech AFOHS (Dett) Lhr **Project: Nil**

684 Dr Umbreen

Our Ref. No. CL/CED	/ 2163	Dated:	19-02-21
Your Ref. No.	AHQ/74314/24/AFOHS	Dated:	15-02-21

### COMPRESSION TEST REPORT

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

Specimens received on:

15-02-21 Tested on:

16-02-21 in dry/wet condition

	Mark*	Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.		/Wet Weight		(in)	(lbs./gms)	X- Section	load	Stress	Remarks	
0,			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1		28	1	2021	6x6x6	9	36	65	4050	Non Engraved
2		28	1	2021	6x6x6	9	36	73	4550	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)



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

#### To: Flt. Lt. Sameed Ahmad AD Tech AFOHS (Dett) Lhr.

**Project: Nil** 

684 Dr. Umbreen

Our Ref. No. CL/CEI	D/ 2164	Dated:	19-02-21
Your Ref. No.	AHQ/74314/24/AFOHS	Dated:	15-02-21

### COMPRESSION TEST REPORT

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

Specimens received on:

15-02-21 Tested on:

16-02-21 in dry/wet condition

o.	Mark*	Casting Date*		Size	Weight	Area of X-	Ultimate	Ultimate		
Sr. No.		/Wet Weight			(in)	(lbs./gms)	A- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1		23	1	2021	6x6x6	9.2	36	69	4300	Engraved
2		23	1	2021	6x6x6	9	36	77	4800	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)



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

#### To: Mr. M. K. Jamil (Principal Architect & CEO) **Design Simulation, Lahore Cantt.**

Project: RCC Blocks for UBL Building Tufail Road Lahore

Our Ref. No. CL/CED/	2165	Dated:	19-02-21
Your Ref. No.	Nil	Dated:	11-02-21

### COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 15-02-21

16-02-21 in dry/wet condition

681

Dr Umbreen

	1								
	Cas	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Mark*	Ŵ	et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
	(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
Raft RCC Block Ready Mix	30	1	2021	6Diax12	14	28.28	47	3730	Non Engraved
Raft RCC Block Ready Mix	30	1	2021	6Diax12	13.8	28.28	25	1980	Non Engraved
	Raft RCC Block Ready Mix Raft RCC Block	Mark* /W Raft RCC Block Ready Mix 30 Raft RCC Block 20	Mark* /Wet V (gn Raft RCC Block Ready Mix 30 1 Raft RCC Block 20 1	(gms) Raft RCC Block Ready Mix 30 1 2021 Raft RCC Block 20 1 2021	Mark*/Wet Weight(in)(gms)(gms)Raft RCC Block Ready Mix30120216Diax12Raft RCC Block Ready Mix20120216Diax12	Mark*     /Wet Weight     (in)     (lbs./gms)       (gms)     (gms)     (lbs./gms)       Raft RCC Block Ready Mix     30     1     2021     6Diax12     14       Raft RCC Block     20     1     2021     6Diax12     13.8	Mark*     /Wet Weight     (in)     (lbs./gms)     X- Section (Sq. in)       Raft RCC Block Ready Mix     30     1     2021     6Diax12     14     28.28       Raft RCC Block Ready Mix     30     1     2021     6Diax12     13.8     28.28	Mark*/Wet Weight(in)(lbs./gms)X- Section (Sq. in)load(gms)(gms)120216Diax121428.2847Raft RCC Block Ready Mix30120216Diax1213.828.2825	Mark*       //Wet Weight       (in)       (lbs./gms)       X- Section (Sq. in)       load       Stress         Raft RCC Block Ready Mix       30       1       2021       6Diax12       14       28.28       47       3730         Raft RCC Block Ready Mix       30       1       2021       6Diax12       13.8       28.28       27       1080

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. Muhammad Azeem (Operation Manager) Amer Adnan Associates, Lahore

685 Dr Umbreen

Project: Hotel Building at 24-A Block E/2 at Gulberg III, Lahore

Our Ref. No. CL/CED/	2166	Dated:	19-02-21
Your Ref. No.	AAA/24A/0025	Dated:	15-02-21

### COMPRESSION TEST REPORT

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

Specimens received on:

15-02-21 Tested on:

16-02-21 in dry/wet condition

ġ	Mark*	Ca	astin	ig Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.		N	Vet	Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	3000 Psi	6	1	2021	6Diax12	14.2	28.28	43	3410	Non Engraved
2	3000 Psi	6	1	2021	6Diax12	14	28.28	49	3890	Non Engraved
3	3000 Psi	6	1	2021	6Diax12	14	28.28	47	3730	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)

\*\* 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

691

To:	MG Construction & Services (Pvt.) Ltd. Soan Garden, Islamabad Project: PTCL Call Center Wafaqi Colony.							
	Our Ref. No. CL/CED/	2167	Dated:	19-02-21				
	Your Ref. No.	Nil	Dated:	15-02-21				

#### **COMPRESSION TEST REPORT**

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

Specimens received on:

Š

ي. ت

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

16-02-21 Tested on:

16-02-21 in dry/wet condition

Casting Date\* Size Weight Area of Ultimate Ultimate Mark\* /Wet Weight (in) (lbs./gms) X-Section load Stress Remarks (gms) (Tons/lbs) (Sq. in) (Psi) Columns 8 2 2021 6Diax12 14.2 28.28 51 4040 Non Engraved 8 2 2021 6Diax12 4360 Columns 14.4 28.28 55 Non Engraved Columns 8 2 2021 6Diax12 13.6 28.28 43 3410 Non Engraved

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. Muhammad Shahbaz Imperium Hospitality (Pvt.) Ltd. Lahore **Project: Nil**

697 Engr. A. Rehman

Our Ref. No. CL/CED/	2168	Dated:	19-02-21
Your Ref. No.	IHPL/Con/62	Dated:	11-02-21

#### COMPRESSION TEST REPORT

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

Specimens received on:

16-02-21 Tested on:

17-02-21 in dry/wet condition

Sr. No.	Mark*		et V	g Date* Veight ns)	Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	4000 Psi	15	1	2021	6Diax12	14	28.28	67	5310	Non Engraved
2	4000 Psi	15	1	2021	6Diax12	14	28.28	73	5790	Non Engraved
3	4000 Psi	15	1	2021	6Diax12	14	28.28	71	5630	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)

\*\* 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. Muhammad Shahbaz Imperium Hospitality (Pvt.) Ltd. Lahore Project: Nil

697 Engr. A. Rehman

Our Ref. No. CL/CED/	2169	Dated:	19-02-21
Your Ref. No.	IHPL/Con/60	Dated:	11-02-21

#### **COMPRESSION TEST REPORT**

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

Specimens received on:

16-02-21 Tested on:

17-02-21 in dry/wet condition

		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
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	4000 Psi	14	1	2021	6Diax12	14	28.28	72	5710	Non Engraved
2	4000 Psi	14	1	2021	6Diax12	14	28.28	79	6260	Non Engraved
3	4000 Psi	14	1	2021	6Diax12	14	28.28	73	5790	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>

\* 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. Muhammad Shahbaz Imperium Hospitality (Pvt.) Ltd. Lahore **Project: Nil**

697 Engr. A. Rehman

Our Ref. No. CL/CED/	2170	Dated:	19-02-21
Your Ref. No.	IHPL/Con/61	Dated:	11-02-21

### COMPRESSION TEST REPORT

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

Specimens received on:

16-02-21 Tested on:

17-02-21 in dry/wet condition

	0		Dete*	0:	M/sight				
	Cas	sting	) Date <sup>*</sup>	Size	vveight		Ultimate	Ultimate	
Mark*	/Wet Weight			(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
8000 Psi	14	1	2021	6Diax12	13.4	28.28	106	8400	Non Engraved
8000 Psi	14	1	2021	6Diax12	14	28.28	115	9110	Non Engraved
8000 Psi	14	1	2021	6Diax12	13.4	28.28	104	8240	Non Engraved
	8000 Psi 8000 Psi	Mark*         /W           8000 Psi         14           8000 Psi         14	Mark* /Wet V (gr 8000 Psi 14 1 8000 Psi 14 1	(gms) 8000 Psi 14 1 2021 8000 Psi 14 1 2021	Mark*       /Wet Weight (in)         (gms)       (in)         8000 Psi       14       1       2021       6Diax12         8000 Psi       14       1       2021       6Diax12	Mark*       /Wet Weight (in)       (lbs./gms)         (gms)       (lbs./gms)       (lbs./gms)         8000 Psi       14       1       2021       6Diax12       13.4         8000 Psi       14       1       2021       6Diax12       14	Mark*       //// // // // // // // // // // // // /	Mark*       /// Vet Weight       (in)       (lbs./gms)       X- Section (Sq. in)       load         8000 Psi       14       1       2021       6Diax12       13.4       28.28       106         8000 Psi       14       1       2021       6Diax12       14       28.28       115	Mark* $\mathcal{W}$ error weight(in)(lbs./gms) $\begin{array}{c} X_{-} \\ Section \\ (Sq. in) \end{array}$ loadStress8000 Psi14120216Diax1213.428.2810684008000 Psi14120216Diax121428.281159110

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. Muhammad Shahbaz Imperium Hospitality (Pvt.) Ltd. Lahore **Project: Nil**

697 Engr. A. Rehman

Our Ref. No. CL/CED/	2171	Dated:	19-02-21
Your Ref. No.	IHPL/Con/69	Dated:	11-02-21

# COMPRESSION TEST REPORT

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

Specimens received on:

16-02-21 Tested on:

17-02-21 in dry/wet condition

		Ca	astin	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*		/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
S			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	4000 Psi	7	2	2021	6Diax12	13.8	28.28	37	2940	Non Engraved
2	4000 Psi	7	2	2021	6Diax12	13	28.28	35	2780	Non Engraved
3	4000 Psi	7	2	2021	6Diax12	13.8	28.28	44	3490	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)

\*\* 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. Muhammad Shahbaz Imperium Hospitality (Pvt.) Ltd. Lahore

**Project: Nil** 

Our Ref. No. CL/CED/	2172	Dated:	19-02-21
Your Ref. No.	IHPL/Con/70	Dated:	11-02-21

### COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 16-02-21

17-02-21 in dry/wet condition

697

Engr. A. Rehman

	Mark*	Ca	astin	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.		N	/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	4000 Psi	6	2	2021	6Diax12	13	28.28	52	4120	Non Engraved
2	4000 Psi	6	2	2021	6Diax12	13.8	28.28	40	3170	Non Engraved
3	4000 Psi	6	2	2021	6Diax12	13	28.28	47	3730	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)

\*\* 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

#### Z.H. Kazmi (Principal

628

To: Architect)

Dr.Burhan Sharif

Z.H. Kazmi & Associates, Lahore.

Project: Expansion Works (Construction of New Godowns & Infrastructure) at Allied Bank Limited 18- Hazari, Jhnag.

Our Ref. No. CL/CED/	2173	Dated:	19-02-21
Your Ref. No.	Nil	Dated:	04-02-21

### **COMPRESSION TEST REPORT**

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

Specimens received 04-02-21 Tested on: 19-02-21 in dry/wet condition on: Casting Size Weight Area of Ultimate Ultimate Date\* s. /Wet Х-(lbs./gms) Mark\* (in) load Stress Remarks Section Weight <u>ت</u>. (Tons/lbs) (gms) (Sq. in) (Psi) 1 777 8.1x4.0x2.6 2284 2980 32.443 2 777 8.5x4.1x2.6 2684 34.85 12 780 3 777 8.5x4.0x2.8 2698 34 39 2570 4 8.3x4.0x2.7 11 2596 33.2 37 2500 5 11 8.6x4.1x2..8 2684 35.26 29 1850 6 11 8.5x4.1x2.8 2802 34.85 31 2000 7 S 8.5x4.1x2.7 2518 34.85 33 2130 8 S 8.6x4.1x2.6 2526 35.26 31 1970 9 S 8.5x4.2x2.7 2548 35.7 29 1820 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)



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

> 643 Dr.Burhan Sharif

To:	Engr. Faizan Hussain (Assistant Engineer)									
	B&W Department, UET Lahore									
	Project: Construction Site of Girls Hostel UET Lahore									
	Our Ref. No. CL/CED/	2174	Dated:	19-02-21						

Your Ref. No.	B&W/AEN/1913	Dated:	08-02-21

### COMPRESSION TEST REPORT

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

Specimens received on:

08-02-21 Tested on: 19-02-21

in dry/wet condition

lo.		Casting Date* /Wet	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Weight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	A1		8.9x4.4x2.9	3237	39.16	43	2460	
2	A1		8.9x4.4x3.0	3394	39.16	45	2580	
3	A1		9.0x4.3x3.1	3452	38.7	37	2150	
4	A1		9.0x4.4x3.0	3444	39.6	35	1980	
5	A1		8.9x4.4x3.0	3296	39.16	35	2010	
6	A1		9.1x4.4x2.9	3288	40.04	33	1850	
7	A1		9.0x4.4x3.0	3492	39.6	31	1760	
8	A1		9.0x4.4x3.0	3381	39.6	39	2210	
9	A1		9.1x4.5x2.9	3399	40.95	33	1810	
10	A1		9.0x4.4x3.0	3290	39.6	37	2100	
11	A1		9.0x4.4x3.0	3242	39.6	35	1980	
12	A1		9.1x4.4x2.9	3370	40.04	39	2190	
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

#### To: Mr. Abrar Hussain (G.M-Hussain) Mughals Pakistan (Pvt.) Ltd. Lahore Project: Nil

Our Ref. No. CL/CED/	2175	Dated:	19-02-21
Your Ref. No.	786/MPL/150206/2021	Dated:	15-02-21

# COMPRESSION TEST REPORT

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

Specimens received on:

15-02-21 Tested on:

17-02-21 in dry/wet condition

686 Engr. A.

Rehman

Sr. No.			Size (in)	Weight (lbs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Classico Grey		3.8x3.8x2.3		14.44	23	3570	
2	Classico Grey		3.8x3.8x2.3		14.44	22	3420	
3	Classico Grey		3.8x3.8x2.3		14.44	20.5	3180	
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)



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

#### To: Mr. Abdullah Hussain (Resident Engineer, Rawailpura) E&PHE Div., Nespak (Pvt.) Ltd. Lahore

Project: Punjab Intermediate Cities Improvement Invesment Program (PICIIP), Consultancy Services for Engineering, Procurement and Constt. Management, Watsan Sialkot (NCB-Works/PICIIP-02) Lot-01, Lot-02, & Lot-04

Our Ref. No. CL/CED/	2176	Dated:	19-02-21
Your Ref. No.	Nespak/SAH/ZKB- Reliable/UET/007	Dated:	15-02-21

#### COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 15-02-21

in dry/wet condition 19-02-21

		Cast	ing [	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/We	t We	eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(	gms	;)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:2:4)	15	1	2021	6Diax12	14	28.28	66	5230	Non Engraved
2	(1:2:4)	15	1	2021	6Diax12	14	28.28	40	3170	Non Engraved
3	(1:2:4)	15	1	2021	6Diax12	14.2	28.28	66	5230	Non Engraved
4	(1:1.5:3)	15	1	2021	6Diax12	14.2	28.28	56	4440	Non Engraved
5	(1:1.5:3)	15	1	2021	6Diax12	14.2	28.28	79	6260	Non Engraved
6	(1:1.5:3)	15	1	2021	6Diax12	14	28.28	63	4990	Non Engraved
7	(1:1.5:3)	15	1	2021	6Diax12	14	28.28	63	4990	Non Engraved
8	(1:1.5:3)	15	1	2021	6Diax12	14	28.28	73	5790	Non Engraved
9	(1:1.5:3)	15	1	2021	6Diax12	14	28.28	66	5230	Non Engraved
10	(1:1:2)	15	1	2021	6Diax12	14	28.28	68	5390	Non Engraved
11	(1:1:2)	15	1	2021	6Diax12	14	28.28	68	5390	Non Engraved
12	(1:1:2)	15	1	2021	6Diax12	14	28.28	60	4760	Non Engraved
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.

#### Director/Dy. Director Concrete Laboratory

687 Dr. M. Yousaf



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

#### To: M/s Gulf Construction Services

694 Dr. M. Yousaf

#### 287 Commercial Zone LCCI Near DHA EME Sector, Lahore **Project: Private Project** Our Ref. No. CL/CED/ 2177 Dated: 19-02-21

Your Ref No GCS/23 Dated<sup>.</sup> 16-02-21

### COMPRESSION TEST REPORT

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

Specimens received on:

16-02-21 Tested on:

19-02-21 in dry/wet condition

.ov		Casting Date* /Wet Weight		ite*	Size	Weight	Area of X-	Ultimate	Ultimate	
Sr. No.	Mark*			Neight	(in)	(lbs./gms)	Section	load	Stress	Remarks
			(gr	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	3000 Psi	2	2	2021	6Diax12	13.6	28.28	23	1830	Non Engraved
2	3000 Psi	2	2	2021	6Diax12	13.8	28.28	20	1590	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 comprerssive 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: Assistant Executive Engineer

698

Dr. M. Yousaf

KBCMA, CVAS, Narowal (M/s Zafar Ali Toor, Construction Company) Project: Constt. of External Sewerage System Water / Supply / Fire Fighting System, Over Head Water Tank (50000-Gallons) Sewerage Equalization Tank No. 1&2, Disposal Tank No 1&2 Tubewell & Tubewell Chamber, Septic Tank (1-2), Oil Seperator, Grease Trap at CVAS Narowal

Our Ref. No. CL/CED/	2178	Dated:	19-02-21
Your Ref. No.	AEE/NC/40	Dated:	20-01-21

#### COMPRESSION TEST REPORT

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

Specimens received on:		16-02-21		Tested on:		19-02-21	in dry/wet condition			
Sr. No.	Mark*		Casting Date* /Wet Weight		Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	Septic Tank # 2	25	(gms) 12	2020	6Diax12	14	28.28	48	3810	Engraved
2	Septic Tank # 2	25	12	2020	6Diax12	14	28.28	43	3410	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 comprerssive 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: Mr. Azhar Abbas (Manager AF Associates)

Project: Mr. Ali Naeem's at 18-M5, Lakecity Lahore

2179

A.F. Associates Lahore

Our Ref. No. CL/CED/

# Plain and Reinforced Concrete Laboratory Department of Civil Engineering

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

19-02-21

702

Dr. M. Yousaf

	Your Ref. No. Ni		Nil		Dated:	16-0	)2-21			
		C	O	MPR	ESSIO	N TES		ORT		
Cond	crete Cubes/Concret	te Cy	lind	ers/Brid	cks/Cores/Tu	uff Tiles/Pav	ers			
Spec	imens received on:	1	6-0	2-21	Tested on:		19-02-21	in dry/wet c	ondition	
		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
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	1st Floor Slab	19	1	2021	6Diax12	13.2	28.28	32	2540	Engraved
2	1st Floor Slab	19	1	2021	6Diax12	13.4	28.28	29	2300	Engraved
3	1st Floor Slab	19	1	2021	6Diax12	13.2	28.28	31	2460	Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
Resu	lts can also be seen o	on we	bsit	te http://	www.uet.edu	pk/faculties/	facultiesinfo	o/department	?RID=testing	reports&id=6

Dated:

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

 $^{\ast}$  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: Col. (R) Raza Riasat (Resident Engineer)

705 Dr. M. Yousaf

New Vision Engineering Consultant, Lahore (M/s CMH Trader Pvt. Ltd. Company) Project: Establishment of Genome Center at Virtual University KalaShah Kaku

Our Ref. No. CL/CED/	2180	Dated:	19-02-21
Your Ref. No.	NVEC/RE/VU/2021/11	Dated:	16-02-21

#### **COMPRESSION TEST REPORT**

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

Specimens received on:

17-02-21 Tested on:

19-02-21

in dry/wet condition

<b></b>		1								
		Casting Date*		g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	ſW	/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	G.F Slab	16	1	2021	6Diax12	14	28.28	43	3410	Non Engraved
2	G.F Slab	16	1	2021	6Diax12	13.6	28.28	45	3570	Non Engraved
3	G.F Slab	16	1	2021	6Diax12	13.6	28.28	42	3330	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)

\*\* 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. Ammar Haider Shah (Project Manager) Minhaj University, Lahore Project: Minhaj University, Lahore

707 Dr. M. Yousaf

Our Ref. No. CL/CED/	2181	Dated:	19-02-21
Your Ref. No.	MUL/HB/004	Dated:	17-02-21

### COMPRESSION TEST REPORT

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

Specimens received on:

17-02-21 Tested on:

19-02-21 in dry/wet condition

		Cas	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/W	et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	RCC Roof Slab G.F	12	1	2021	6Diax12	14	28.28	63	4990	Non Engraved
2	RCC Roof Slab G.F	12	1	2021	6Diax12	14	28.28	58	4600	Non Engraved
3	RCC Roof Slab G.F	12	1	2021	6Diax12	14	28.28	73	5790	Non Engraved
4	RCC Roof Slab G.F	12	1	2021	6Diax12	14	28.28	65	5150	Non Engraved
5	RCC Columns F.F	17	1	2021	6Diax12	14	28.28	53	4200	Non Engraved
6	RCC Columns F.F	17	1	2021	6Diax12	14	28.28	69	5470	Non Engraved
7	RCC Columns F.F	18	1	2021	6Diax12	14	28.28	60	4760	Non Engraved
8	RCC Columns F.F	18	1	2021	6Diax12	14	28.28	63	4990	Non Engraved
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)



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

#### To: Site Incharge

710 Dr. M. Yousaf

#### **Din Houses** Project: M1 House (Ground Floor Columns)

Our Ref. No. CL/CED/	2182	Dated:	19-02-21
Your Ref. No.	HM1/M4/LCHS/015	Dated:	15-02-21

### COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 17-02-21

19-02-21 in dry/wet condition

				<u> </u>	0.				1.11.22	
ġ		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
Sr. No.	Mark*			(in)	(lbs./gms)	X- Section	load	Stress	Remarks	
			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	3500 Psi	21	1	2021	6Diax12	13.4	28.28	31	2460	Non Engraved
2	3500 Psi	21	1	2021	6Diax12	13.2	28.28	33	2620	Non Engraved
3	3500 Psi	21	1	2021	6Diax12	13.4	28.28	32	2540	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)

\*\* 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

714 Dr. M. Yousaf

Ittefaq Building Solutions (Pvt.) Ltd. Lahore
Project: Mcdonalds Restaurant DHA-Rahber, Lahore

Our Ref. No. CL/CED/	2183	Dated:	19-02-21
Your Ref. No.	IBS/MCDR/CT31	Dated:	17-02-21

#### COMPRESSION TEST REPORT

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

Specimens received on:

18-02-21 Tested on:

19-02-21 in dry/wet condition

		Ca	astin	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*		/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
ي. ۲.	IVIAI K	//	vei	vveigni	(11)	(ibs./gms)	A-Section			Remarks
		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	Raft	1	1	2021	6Diax12	14	28.28	57	4520	Non Engraved
2	Raft	1	1	2021	6Diax12	14	28.28	43	3410	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)



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

#### To: Mr. Ali Chaudary (Quality Manager) NEPCON, Lahore (Reon Energy) **Project: Unilever Foods Phol Nagar**

715 Dr M Yousaf

Our Ref. No. CL/CED/	2184-1 of 2	Dated:	19-02-21
Your Ref. No.	Nil	Dated:	17-02-21

#### COMPRESSION TEST REPORT

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

Specimens received on:

18-02-21 Tested on:

19-02-21 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1		10		2021	6Diav12	12.4	28.28	17	1350	Non Engraved
		19	1		6Diax12	13.4				Non Engraved
2		21	1	2021	6Diax12	13.2	28.28	28	2220	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)



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

#### To: Mr. Ali Chaudary (Quality Manager) NEPCON, Lahore (Reon Energy) **Project: Unilever Foods Phol Nagar**

715 Dr. M. Yousaf

Our Ref. No. CL/CED/	2184-2 of 2	Dated:	19-02-21
Your Ref. No.	Nil	Dated:	17-02-21

### COMPRESSION TEST REPORT

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

Specimens received on:			18-02-21		Tested o	n:	19-02-21	in dry/wet con	dition	
Sr. No.	Mark*			ng Date* Weight	Size (in)	Weight (lbs./gms)	Area of X-Section	Ultimate load	Ultimate Stress	Remarks
ي م			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1		7	2	2021	6x6x6	8.8	36	43	2680	Engraved
2		6	2	2021	6x6x6	8.6	36	39	2430	Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
Resu	ilts can also be seen o	on w	ebsi	te <u>http://v</u>	www.uet.ed	du.pk/facultie	s/facultiesinf	o/department?	RID=testing_r	eports&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. Muhammad Tufail (Construction Team Leader) Zor Engineers (Pvt.) Ltd. Project: Good Shepherd Christian Hospital-Kasur (First Floor Slab) Our Ref. No. CL/CED/ 2185 Dated: 19-02-21 Your Ref. No. 230.28.1/MT/19 Dated: 18-02-21 COMPRESSION TEST REPORT Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers Tested on: Specimens received on: 18-02-21 19-02-21 in dry/wet condition

Casting Size Weight Area of Ultimate Ultimate Date\* Š X-Mark\* /Wet Weight (in) (lbs./gms) load Stress Remarks Section ي. ت (Tons/lbs) (gms) (Sq. in) (Psi) 1 5 2 2021 6Diax12 14 28.28 63 4990 Engraved A 2 в 5 2 2021 28.28 62 4920 6Diax12 14 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 comprerssive 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**

716 Dr. M. Yousaf



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

#### To: Sub Divisional Officer

693 Dr.Burhan Sharif

# SSTH Multan Road, Lahore

Project: Construction of 3rd Floor at Raic Multan Road, Lahore

Our Ref. No. CL/CED/	2186	Dated:	19-02-21
Your Ref. No.	SS.DC/934	Dated:	12-02-21

### COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 16-02-21

19-02-21

in dry/wet condition

		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 S S S S S S S S S S S S S S S S S			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1		18	1	2021	6x6x6	9	36	98	6100	Non Engraved
2		18	1	2021	6x6x6	8.8	36	118	7350	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)



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

To:Sub Divisional Officer (Buildings)Dr.Burhan SharifSub Division, FerozwalaProject: Construction of Punjab Judicial Academy at Kala Shah Kaku, Lahore (ADP No. 3272/2020-21)Phase-II Group No: (Grade 1-10)

Our Ref. No. CL/CED/	2187	Dated:	19-02-21
Your Ref. No.	931	Dated:	17-02-21

# **COMPRESSION TEST REPORT**

Tested on:

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

Specimens received on:

17-02-21

19-02-21

21 in dry/wet condition

703

Sr. No.	Mark*		Casting Date*		Size (in)	Weight (lbs./gms)	Area of X-Section	Ultimate load	Ultimate Stress	Remarks
Sr.	IVIAIN			ms)	(11)	(103./9113)	(Sq. in)	(Tons/lbs)	(Psi)	Kemano
1	RCC Columns	12	1	2021	6x6x6	9	36	110	6850	Non Engraved
2	RCC Columns	12	1	2021	6x6x6	9	36	112	6970	Non Engraved
3	RCC Columns	12	1	2021	6x6x6	8.8	36	124	7720	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)

\*\* 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.



To: Sub Divisional Officer

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

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

709

Dr. M. Yousaf

**Buildings Sub Division No.12, Lahore** Project: Construction of Hostels for Students Alongwith Inter Connecting Bridge of Fatima Jinah Medical **University Lahore (4th Floor Slab)** 

Our Ref. No. CL/CED/	2188	Dated:	19-02-21
Your Ref. No.	123-24/SDO12th	Dated:	16-02-21

### COMPRESSION TEST REPORT

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

Specimens received on:

17-02-21 Tested on:

19-02-21 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	(1:2:4)	22	10	2020	6x6x6	9	36	51	3180	Non Engraved
2	(1:2:4)	22	10	2020	6x6x6	9	36	84	5230	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)



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

#### To: Sub Divisional Officer

718

Dr.Burhan Sharif

Buildings Sub Division No.12, Lahore Project: Establishment of mother & Child Block in Sir Ganga Ram Hospital, Lahore (A.D.P No.581/2019-20) Group No.1, Columns in Ground Floor (Portion-1)

Our Ref. No. CL/CED/	2189	Dated:	19-02-21
Your Ref. No.	613/SDO12th	Dated:	23-11-20

### **COMPRESSION TEST REPORT**

Tested on:

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

Specimens received on:

18-02-21

19-02

19-02-21 in dry/wet condition

		Ca	stina l	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*		/et We		(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0)			(gms	5)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1:2)	25	10	2020	6x6x6	8.8	36	78	4860	Non Engraved
2	(1:1:2)	25	10	2020	6x6x6	9	36	130	8090	Non Engraved
3	(1:1:2)	25	10	2020	6x6x6	9	36	136	8470	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)

\*\* 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: Sub Divisional Officer

708 Dr. Ambreen

Public Heath Engg: Sialkot. Project: Construction Of Disposal Station Mohallah Water Works to Abbot Road Phatak and along the Railway Line to Dara Arrain U/C Water Works, Tehsil & Disrict Sialkot.

Our Ref. No. CL/CED/	2190	Dated:	22-02-21
Your Ref. No.	591/sd	Dated:	04-12-20

### COMPRESSION TEST REPORT

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

Specimens received on:

17-02-21 Tested on:

19-02-21 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	Uniblock Grey		2.3 Thick	3462	37.25	184	11070	
2	Uniblock Grey		2.3 Thick	3466	37.25	190	11430	
3	Uniblock Grey		2.3 Thick	3501	37.25	200	12030	
4	Uniblock Grey		2.3 Thick	3420	37.25	220	13230	
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.



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

To: Sub Divisional Officer

708 Dr Ambreen

Public Heath Engg: Sialkot. Project: Construction Of Disposal Station Nasir Road Prem Nagar Road EIC School to Nullah Bhed U/C Model Town, Tehsil& District, Sialkot.

Our Ref. No. CL/CED/	2191	Dated:	22-02-21
Your Ref. No.	No. 590	Dated:	04-12-20

# COMPRESSION TEST REPORT

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

Specimens received on:

17-02-21 Tested on:

19-02-21 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	Uniblock Grey		2.3 Thick	3563	37.25	220	13230	
2	Uniblock Grey		2.3 Thick	3453	37.25	178	10710	
3	Uniblock Grey		2.3 Thick	3412	37.25	210	12630	
4	Uniblock Grey		2.3 Thick	3490	37.25	190	11430	
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)