

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

9722

To: Mr. Muhammad Saeed, Project Manager

Engr. A. Rehman

**Mukhtar Sons Construction (Pvt) Ltd.** 

Project: Naveena Apartments, 35-C, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 9530 Dated: 30-12-19

Your Ref. No. Nil Dated: 27-12-19

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 27-12-19 Tested on: 27-12-19 in dry/wet condition

		Cas	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	et W	eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	6th F. Slab 1st Pour (4000 Psi)	19	12	2019	6Diax12	14.2	28.28	52	4120	Non Engraved
2	6th F. Slab 1st Pour (4000 Psi)	19	12	2019	6Diax12	13.8	28.28	54	4280	Non Engraved
3	6th F. Slab 1st Pour (4000 Psi)	19	12	2019	6Diax12	13.8	28.28	48	3810	Non Engraved
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Results can also be seen on website <a href="http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6">http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6</a>

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)

<sup>\*</sup> as engraved on the specimens (if any)

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

<sup>\*\*\*</sup> BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

<sup>\*\*\*\*</sup> ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength



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

9637

To: Assistant Resident Engineer

Dr. Umbreen

ES Consultants pvt. Ltd.

Project:Consult. Services for the Project Technical Assist. Constt. of Additional Class Rooms in Selected Schools of Punjab (Package-2). GPS Chak No. 58, District Kasur, Tehsil KRK, EMIS:- 35140293.

Our Ref. No. CL/CED/ 9531 Dated: 30-12-19

Your Ref. No. ESC/PMIU/P2/0024 Dated: 27-11-19

#### COMPRESSION TEST REPORT

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

Specimens received on: 10-12-19 Tested on: 26-12-19 in dry/wet condition

۷o.		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	M		8.9x4.3x2.9	3181	38.27	45	2640	
2	М		8.9x4.3x2.9	3142	38.27	39	2290	
3	М		8.8x4.4x2.9	3261	38.72	45	2610	
4	М		8.9x4.3x2.9	3251	38.27	37	2170	
5	М		8.9x4.4x2.9	3137	39.16	27	1550	
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supervisor(lab)

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<sup>\*\*\*</sup> BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

<sup>\*\*\*\*</sup> ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength



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

9639

To: (Khalid Bashir) Dr. Umbreen

Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Slat Room at Pepsi Co. Hattar.

Our Ref. No. CL/CED/ 9532 Dated: 30-12-19

Your Ref. No. IBS/HATT/CB03 Dated: 10-12-19

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 10-12-19 Tested on: 26-12-19 in dry/wet condition

		Ca	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	et W	eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Ground Floor Slab (4000 psi)	19	10	2019	6Diax12	13	28.28	65	5150	Non Engraved
2	Ground Floor Slab (4000 psi)	19	10	2019	6Diax12	13.2	28.28	67	5310	Non Engraved
3	Ground Floor Slab (4000 psi)	19	10	2019	6Diax12	13	28.28	84	6660	Non Engraved
4	Beams (4000 Psi)	24	10	2019	6Diax12	13.2	28.28	43	3410	Non Engraved
5	Columns (4000 Psi)	25	10	2019	6Diax12	13	28.28	55	4360	Non Engraved
6	Columns (4000 Psi)	25	10	2019	6Diax12	13	28.28	53	4200	Non Engraved
7	Beams (4000 Psi)	25	10	2019	6Diax12	13	28.28	63	4990	Non Engraved
8	Beams (4000 Psi)	25	10	2019	6Diax12	13.2	28.28	55	4360	Non Engraved
9	Columns (4000 Psi)	26	10	2019	6Diax12	13.2	28.28	67	5310	Non Engraved
10	Columns (4000 Psi)	26	10	2019	6Diax12	13.2	28.28	65	5150	Non Engraved
11	Columns (4000 Psi)	27	10	2019	6Diax12	13.2	28.28	70	5550	Non Engraved
12	Columns (4000 Psi)	27	10	2019	6Diax12	13.2	28.28	61	4840	Non Engraved
13	Roof Slab (4000 Psi)	4	11	2019	6Diax12	13	28.28	69	5470	Non Engraved
14	Roof Slab (4000 Psi)	4	11	2019	6Diax12	13	28.28	53	4200	Non Engraved
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16										

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

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supervisor(lab)

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

<sup>\*\*\*</sup> BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

<sup>\*\*\*\*</sup> ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength



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

9692

To: (Khalid Bashir) Dr. Umbreen

Ittefaq Building Solutions Pvt. Ltd.

**Project: Construction of Salt Room at Pepsi Co, Hattar.** 

Our Ref. No. CL/CED/ 9533 Dated: 30-12-19

Your Ref. No. IBS/Hatt/BT02 Dated: 20-12-19

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 20-12-19 Tested on: 26-12-19 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet	Size	Weight	Area of X-	Ultimate load	Ultimate Stress	Remarks
S.	IVIAIK	Weight	(in)	(lbs./gms)	Section	load	Suess	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Solid Block		11.9x4.0x7.4	11.6	47.6	49	2310	
2	Solid Block		11.9x4.0x7.4	11.6	47.6	31	1460	
3	Solid Block		11.8x7.5x7.7	25.4	88.5	90	2280	
4	Solid Block		11.8x7.4x7.7	23.6	87.32	51	1310	
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supervisor(lab)

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

9640

To: Sub Divisional Officer

Dr. Umbreen

Highway Sub Division, Kamoke.

Project:Widening/Rehabilitation of Road from Sadhoke to Mandiala Ponach in District Gujranwala. L=6.7Km

Our Ref. No. CL/CED/ 9534 Dated: 30-12-19

Your Ref. No. 104/K Dated: 07-12-19

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 11-12-19 Tested on: 26-12-19 in dry/wet condition

		T	1	T		T		
		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	BBC		8.7x4.2x2.8	2911	36.54	25	1540	
2	BBC		8.7x4.2x2.8	2932	36.54	35	2150	
3	BBC		8.7x4.2x2.8	2912	36.54	19	1170	
4	BBC		8.8x4.3x2.9	2868	37.84	33	1960	
5	BBC		8.7x4.3x2.8	2938	37.41	33	1980	
6	BBC		8.7x4.2x2.8	2687	36.54	27	1660	
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supervisor(lab)

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

9641

To: Dy. Director (Engg-II)

Dr. Umbreen

PHA, Lahore. (M/S Ameer Brothers).

Project: Development of Park at Jandiyala Village, Lahore.

Our Ref. No. CL/CED/ 9535 Dated: 30-12-19

Your Ref. No. DD(Engg-II)PHA/3645 Dated: 30-11-19

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 11-12-19 Tested on: 26-12-19 in dry/wet condition

о.		Casting Date* /Wet	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0,		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	512		8.8x4.3x2.8	2556	37.84	45	2670	
2	512		8.8x4.3x2.8	2620	37.84	45	2670	
3	512		8.7x4.3x2.8	2664	37.41	31	1860	
4	512		8.8x4.4x2.8	2533	38.72	45	2610	
5	512		8.7x4.3x2.7	2831	37.41	37	2220	
6	512		8.8x4.3x2.8	2590	37.84	35	2080	
7	512		8.8x4.4x2.8	2671	38.72	43	2490	
8	512		8.8x4.4x2.8	2794	38.72	45	2610	
9	512		8.8x4.3x2.8	2654	37.84	23	1370	
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supervisor(lab)

<sup>\*</sup> as engraved on the specimens (if any)

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<sup>\*\*\*\*</sup> ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength



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

9673

To: Shamshad Hussain, Manager Projects

Dr. M. Yousaf

Noor Durani & Associates. 52-D1 Gulberg III, Lahore. Project: Gulberg Hotel at 24A-E2, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 9536 Dated: 30-12-19

Your Ref. No. J/0612/007 Dated: 17-12-19

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 17-12-19 Tested on: 27-12-19 in dry/wet condition

_		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
Sr. No.	Mark*	M	et W	eight /	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1		20	11	2019	6Diax12	14	28.28	46	3650	Non Engraved
2		20	11	2019	6Diax12	14.1	28.28	47	3730	Non Engraved
3		25	11	2019	6Diax12	14.2	28.28	38	3010	Non Engraved
4		25	11	2019	6Diax12	14.2	28.28	40	3170	Non Engraved
5										
6										
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supervisor(lab)

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<sup>\*\*\*\*</sup> ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength



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

9648

To: H. Developments Construction.

Dr. M. Yousaf

4-Babar Block, Main Boulevard Garden Town, Lahore.

Project: H. Developments Construction. Construction of Plaza, 4-Babar Block New Garden Town, Lahore.

Our Ref. No. CL/CED/ 9537 Dated: 30-12-19

Your Ref. No. Nil Dated: 12-12-19

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 12-12-19 Tested on: 23-12-19 in dry/wet condition

		Ca	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/\	et W	eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Column (5500 Psi)	14	11	2019	6Diax12	14.2	28.28	49	3890	Engraved
2	Column (5500 Psi)	14	11	2019	6Diax12	14	28.28	39	3090	Engraved
3	Slab (3750 Psi)	5	12	2019	6Diax12	14	28.28	70	5550	Engraved
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supervisor(lab)

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<sup>\*\*\*</sup> BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

<sup>\*\*\*\*</sup> ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength



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

9658

To: Muhammad Affan, Project Manager

Dr. M. Yousaf

ICON Residencia, Icon Valley Phase-II, 16-km Raiwind Road, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 9538 Dated: 30-12-19

Your Ref. No. Nil Dated: 16-12-19

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 16-12-19 Tested on: 27-12-19 in dry/wet condition

		Ca	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Μ	/et W	eight /	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Slab	17	11	2019	6Diax12	14	28.28	85	6740	Non Engraved
2	Slab	17	11	2019	6Diax12	14.1	28.28	90	7130	Non Engraved
3	Slab	17	11	2019	6Diax12	15	28.28	78	6180	Non Engraved
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supervisor(lab)

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

9658

To: Muhammad Affan, Project Manager

Dr. M. Yousaf

ICON Residencia, Icon Valley Phase-II, 16-km Raiwind Road, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 9539 Dated: 30-12-19

Your Ref. No. Nil Dated: 16-12-19

### **COMPRESSION TEST REPORT**

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

Specimens received on: 16-12-19 Tested on: 27-12-19 in dry/wet condition

o l		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
Sr. No.	Mark*			eight 'eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Column	17	11	2019	6Diax12	14.4	28.28	84	6660	Non Engraved
2	Column	17	11	2019	6Diax12	14.4	28.28	84	6660	Non Engraved
3	Column	17	11	2019	6Diax12	14	28.28	78	6180	Non Engraved
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Results can also be seen on website <a href="http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6">http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6</a>

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supervisor(lab)

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

9675

To: Maple Construction. Dr. M. Yousaf

54 C1, Gulberg III, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 9540 Dated: 30-12-19

Your Ref. No. Nil Dated: 17-12-19

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 18-12-19 Tested on: 27-12-19 in dry/wet condition

		Casting Date*			Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	et W	eight 'eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1		14	11	2019	6Diax12	14	28.28	70	5550	Non Engraved
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15							_			
16										

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

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)

<sup>\*</sup> as engraved on the specimens (if any)

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

<sup>\*\*\*</sup> BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

<sup>\*\*\*\*</sup> ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength



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

9675

To: Maple Construction.

Dr. M. Yousaf

54 C1, Gulberg III, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 9541 Dated: 30-12-19

Your Ref. No. Nil Dated: 17-12-19

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 18-12-19 Tested on: 27-12-19 in dry/wet condition

		Ca	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	et W	eight 'eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1		11	11 11 2019		6Diax12	14	28.28	91	7210	Non Engraved
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

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)

<sup>\*</sup> as engraved on the specimens (if any)

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

<sup>\*\*\*</sup> BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

<sup>\*\*\*\*</sup> ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength



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

9675

To: Maple Construction.

Dr. M. Yousaf

54 C1, Gulberg III, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 9542 Dated: 30-12-19

Your Ref. No. Nil Dated: 17-12-19

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 18-12-19 Tested on: 27-12-19 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight			Size	Weight	Area of	Ultimate	Ultimate	
					(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1		11	11 11 2019		6Diax12	15	28.28	75	5950	Non Engraved
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

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)

<sup>\*</sup> as engraved on the specimens (if any)

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

<sup>\*\*\*</sup> BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

<sup>\*\*\*\*</sup> ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength



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

9675

To: Maple Construction.

Dr. M. Yousaf

54 C1, Gulberg III, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 9543 Dated: 30-12-19

Your Ref. No. Nil Dated: 17-12-19

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 18-12-19 Tested on: 27-12-19 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Weight	Area of	Ultimate	Ultimate	
		/Wet Weight			(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1		14	11	2019	6Diax12	14.2	28.28	95	7530	Non Engraved
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15								_		
16										

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

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)

<sup>\*</sup> as engraved on the specimens (if any)

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

<sup>\*\*\*</sup> BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

<sup>\*\*\*\*</sup> ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength



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

9663

To: M. Sohail Anjum (Project Manager)

Dr. M. Yousaf

P-156 Gulberg II, Lahore

Project: Construction of P-156 Gulberg II, Lahore.

Our Ref. No. CL/CED/ 9544 Dated: 30-12-19

Your Ref. No. P-156-044 Dated: 14-12-19

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 16-12-19 Tested on: 27-12-19 in dry/wet condition

	Mark*	Casting Date* /Wet Weight			Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.					(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	88 (3750 Psi)	15	11	2019	6Diax12	14	28.28	60	4760	Non Engraved
2	89 (3750 Psi)	15	11	2019	6Diax12	14	28.28	47	3730	Non Engraved
3	90 (3750 Psi)	15	11	2019	6Diax12	14.1	28.28	58	4600	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

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)

<sup>\*</sup> as engraved on the specimens (if any)

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

<sup>\*\*\*</sup> BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

<sup>\*\*\*\*</sup> ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength



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

9667

To: Waqas Zafar, Project Director

Dr. M. Yousaf

Peach Club, Kohinoor City, Faisalabad.

Project: THE QUBE.

Our Ref. No. CL/CED/ 9545 Dated: 30-12-19

Your Ref. No. Nil Dated: 16-12-19

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 17-12-19 Tested on: 27-12-19 in dry/wet condition

		Casting Date*			Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Λ	/Wet Weight (gms)		(in)	(lbs./gms)	X- Section	load	Stress	Remarks
							(Sq. in)	(Tons/lbs)	(Psi)	
1	Slab 1st Floor (3000 Psi)	8	12	2019	6Diax12	13.2	28.28	40	3170	Non Engraved
2	Slab 1st Floor (3000 Psi)	8	12	2019	6Diax12	14	28.28	56	4440	Non Engraved
3	Slab 1st Floor (3000 Psi)	8	12	2019	6Diax12	14.2	28.28	50	3960	Non Engraved
4	Pick up Col. 1st Floor (3000 Psi)	16	11	2019	6Diax12	13.6	28.28	32	2540	Non Engraved
5	Pick up Col. 1st Floor (3000 Psi)	16	11	2019	6Diax12	13.2	28.28	33	2620	Non Engraved
6	Pick up Col. 1st Floor (3000 Psi)	16	11	2019	6Diax12	14	28.28	53	4200	Non Engraved
7	Braci. Beam Mezn Level (3000 Psi)	18	11	2019	6Diax12	13	28.28	37	2940	Non Engraved
8	Braci. Beam Mezn Level (3000 Psi)	18	11	2019	6Diax12	13	28.28	33	2620	Non Engraved
9	Braci. Beam Mezn Level (3000 Psi)	18	11	2019	6Diax12	13	28.28	40	3170	Non Engraved
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website <a href="http://www.uet.edu.pk/faculties/faculties/facultiesinfo/department?RID=testing">http://www.uet.edu.pk/faculties/faculties/facultiesinfo/department?RID=testing</a> reports&id=6

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)

<sup>\*</sup> as engraved on the specimens (if any)

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

<sup>\*\*\*</sup> BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

<sup>\*\*\*\*</sup> ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength