

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

9877

Fo: Arfan ul Haq, Resident Engineer, CPEC-Package-3, FWO Camp Bani Afghan Mianwali.

Dr. M. Yousaf

NESPAK (Pvt) Ltd. H&T Engg. Section. (M/s Izhar Concrete (Pvt.) Ltd.). Project: China-Pakistan Economic Corridor CPEC, Western Route Hakla (On M1) ~ Yarak (D.I Khan) Motorway, Package-3 (Tarap to Kot Belian).

Our Ref. No. CL/CED/ 9791 Dated: 06-02-20

Your Ref. No. CPEC/NESPAK/PKG3/19/1362 Dated: 29-01-20

#### COMPRESSION TEST REPORT

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

Specimens received on: 30-01-20 Tested on: 04-02-20 in dry/wet condition

h	T	<u> </u>		T		T	<del> </del>	-
		Casting Date*	Size	Weight (lbs./gms)         Area of Section (Sq. in)         Ultimate load (Tons/lbs)           8         36         58           8         36         58           8         36         46	Ultimate	Ultimate		
Sr. No.	Mark*	/Wet Weight	(in)	(lbs./gms)		load	Stress	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Kerb Stone		6x6x5.7	8	36	58	3610	Cut Cube
2	Kerb Stone		6x6x5.8	8	36	58	3610	Cut Cube
3	Kerb Stone		6x6x5.9	8	36	46	2870	Cut Cube
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

9877

Arfan ul Haq, Resident Engineer, CPEC-Package-3, FWO Camp Bani Afghan Mianwali.

Dr. M. Yousaf

NESPAK (Pvt) Ltd. H&T Engg. Section. (M/s Izhar Concrete (Pvt.) Ltd.). Project: China-Pakistan Economic Corridor CPEC, Western Route Hakla (On M1) ~ Yarak (D.I Khan)

Motorway, Package-3 (Tarap to Kot Belian).

Our Ref. No. CL/CED/ Dated: 06-02-20

CPEC/NESPAK/PKG3/19/1363 Your Ref. No. Dated: 29-01-20

#### COMPRESSION TEST REPORT

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

Specimens received on: 30-01-20 Tested on: 04-02-20 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight	Size (in)	Weight (lbs./gms)	Area of X- Section	Ultimate	Ultimate Stress	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Kerb Stone		6x6x5.8	8	36	63	3920	Cut Cube
2	Kerb Stone		6x6x6	8	36	60	3740	Cut Cube
3	Kerb Stone		6x6x5.9	8	36	62	3860	Cut Cube
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

9878

To: Arfan ul Haq, Resident Engineer, CPEC-Package-3, FWO Camp Bani Afghan Mianwali.

Dr. M. Yousaf

NESPAK (Pvt) Ltd. H&T Engg. Section. (M/S AA Steel Group.).

Project: China-Pakistan Economic Corridor CPEC, Western Route Hakla (On M1) ~ Yarak (D.I Khan) Motorway, Package-3 (Tarap to Kot Belian).

Our Ref. No. CL/CED/ Dated: 06-02-20

Your Ref. No. CPEC/NESPAK/PKG3/19/1364 Dated: 29-01-20

#### COMPRESSION TEST REPORT

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

Specimens received on: 30-01-20 Tested on: 03-02-20 in dry/wet condition

<del></del>								
		Casting Date*	Size	Weight	Area of	Ultimate	Ultimate	
9		Wet	<i>a</i> ,		X-			
Sr. No.	Mark*	Weight	(in)	(lbs./gms)	Section	load	Stress	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	RCC Post Concrete		6x6x6	8.1	36	85	5290	Cut Cube
2	RCC Post Concrete		6x6x5.2	8	36	75	4670	Cut Cube
3	RCC Post Concrete		6x6x5.2	8	36	79	4920	Cut Cube
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

9828

To: Rashid Kamran (Resident Engineer)

Dr. Aqsa

CM Div., Nespak (Pvt.) Ltd. Lahore. (M/s Engineering Concepts).

Project: Rehabilitation and Improvement of Road infront of Lacas School M.A Johar Town, Lahore.

Our Ref. No. CL/CED/ 9794 Dated: 06-02-20

Your Ref. No. 4047-R2/13/RK/03/EC/041 Dated: 20-12-19

### **COMPRESSION TEST REPORT**

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

Specimens received on: 21-01-20 Tested on: 04-02-20 in dry/wet condition

		Casting Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/Wet Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Kerb Stone		6x6x5.9	8	36	81	5040	Cut Cube
2	Kerb Stone		6x6x5.8	8.2	36	98	6100	Cut Cube
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

9848

To: Muhammad Shafiq, Engineer Representative.

Dr. M. Yousaf

CM Div., NESPAK (Pvt.) Ltd. Lahore. (M/s ZKB Reliable (J.V) Construction Company).

Project: Package-1: Construction of Entrance Gate, Security Road, Boundary Wall and Watch Towers of Lahore Knowledge Park.

Our Ref. No. CL/CED/ 9795 Dated: 06-02-20

Your Ref. No. 3957/13/MS/10/256 Dated: 20-01-20

#### COMPRESSION TEST REPORT

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

Specimens received on: 23-01-20 Tested on: 04-02-20 in dry/wet condition

Sr. No.	Mark*	Casting Date* Wet Weight	Size (in)	Weight (lbs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks
S		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	S		8.9x4.4x2.9	3258	39.16	41	2350	
2	S		8.9x4.4x2.9	3142	39.16	43	2460	
3	S		8.8x4.4x2.9	3119	38.72	39	2260	
4	S		8.8x4.4x2.9	3100	38.72	37	2140	
5	S		8.9x4.4x2.9	3247	39.16	37	2120	
6	SS		8.5x4.1x2.9	3255	34.85	39	2510	
7	SS		8.6x4.2x2.9	3135	36.12	39	2420	
8	SS		8.5x4.1x2.9	3174	34.85	35	2250	
9	SS		8.6x4.2x2.9	3123	36.12	41	2550	
10	SS		8.6x4.1x2.9	3143	35.26	44	2800	
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

9906

To: Sub Divisional Officer (Buildings)

Dr. Umbreen

Sub Division Sheikhupura.

Project:Constt. of 2 Additional Class Rooms (25'X16') with Verandha (7') (Punjab School Constt. & Rehab. Programme) in GPS Chak 11 UCC Tehsil Sharaqpur District Sheikhupura (EMIS Code 35440425).

Our Ref. No. CL/CED/ 9796 Dated: 06-02-20

Your Ref. No. 6802-S Dated: 03-02-20

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 06-02-20 Tested on: 06-02-20 in dry/wet condition

Sr. No.	Mark*	/We		Date* eight s)	Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	Roof Slab	25	1	2020	6x6x6	8.2	36	43	2680	Engraved
2	Roof Slab	25	1	2020	6x6x6	8.2	36	45	2800	Engraved
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

9855

To: Naveed Anwar, Manager Finance & Admin.

Dr. M. Yousaf

Peach Club Pvt. Ltd. Faisalabad Project: The Qube, Lahore.

Our Ref. No. CL/CED/ 9797 Dated: 06-02-20

Your Ref. No. Nil Dated: 24-01-20

### **COMPRESSION TEST REPORT**

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

Specimens received on: 24-01-20 Tested on: 03-02-20 in dry/wet condition

Ö		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	Hollow Block		15.9x7.9x7.6	23.4	74.79	51	1530	
2	Hollow Block		15.9x7.9x7.7	23	74.79	45	1350	
3	Hollow Block		15.9x7.9x7.6	24.2	74.79	73	2190	
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

9824

To: (Rana Aadil Farooq), Deputy Director (QCD).

Dr. M. Yousaf

WASA, LDA, Lahore. (M/s Impreza Construction Pvt. Ltd.).

Project:Tender PS/25.01/6030 Improvement / Rehabilitation of B-Block Disposal Station in Taj Pura Sub Division WASA, LDA, Lahore.

Our Ref. No. CL/CED/ 9798 Dated: 06-02-20

Your Ref. No. QCD/1776-77 Dated: 31-12-19

#### COMPRESSION TEST REPORT

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

Specimens received on: 24-01-20 Tested on: 04-02-20 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight	Size (in)	Weight (lbs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks
S		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	R1		9.0x4.5x3.0	3157	40.5	35	1940	
2	R1		9.0x4.5x3.0	3130	40.5	35	1940	
3	R1		9.0x4.4x2.9	3161	39.6	39	2210	
4	R1		8.9x4.4x2.9	3151	39.16	33	1890	
5	R1		8.9x4.4x2.9	3202	39.16	36	2060	
6	R1		9.0x4.5x3.0	3193	40.5	30	1660	
7	R1		9.0x4.5x3.0	3209	40.5	34	1880	
8	R1		9.0x4.4x2.9	3195	39.6	44	2490	
9	R1		9.0x4.4x3.0	3189	39.6	37	2100	
10	R1		9.0x4.5x3.0	3150	40.5	33	1830	
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

9887

Го: (Rana Aadil Farooq), Deputy Director (QCD).

Dr. M. Yousaf

WASA, LDA, Lahore. (M/s. Grand Electric Company).

Project: Tender No. P&S/ 25.01/6133- Replacmant of 2.00-CFS Capacity Tubewell at Jevan Hana Pind

**Usman Block, Garden Town Lahore.** 

Our Ref. No. CL/CED/ 9799 Dated: 06-02-20

Your Ref. No. QCD/271-72 Dated: 30-01-20

#### COMPRESSION TEST REPORT

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

Specimens received on: 31-01-20 Tested on: 03-02-20 in dry/wet condition

					<u> </u>			T		
		Ca	asting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	٨	Vet V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
(0)			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1		28	11	2019	6x6x6	8	36	45	2800	Non Engraved
2		28	11	2019	6x6x6	8	36	40	2490	Non Engraved
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

9875

To: Waqas Zafar (Project Director)

Dr. Aqsa

Peach Club Pvt. Ltd. Faisalabad. Project: The Qube, Lahore.

Our Ref. No. CL/CED/ 9800 Dated: 06-02-20

Your Ref. No. Nil Dated: 30-01-20

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 30-01-20 Tested on: 04-02-20 in dry/wet condition

		Cas	sting	Date*	Size	Weight		Ultimate	Ultimate	
Sr. No.	Mark*	W	et V	Veight	(in)	(lbs./gms)		load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Lift Walls B-2-1st. Pr.	23	1	2020	6Diax12	14	28.28	58	4600	Non Engraved
2	Lift Walls B-2-1st. Pr.	23	1	2020	6Diax12	14	28.28	54	4280	Non Engraved
3	Lift Walls B-2-1st. Pr.	23	1	2020	6Diax12	14	28.28	45	3570	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

9875

Dr. Aqsa

Γο: Waqas Zafar (Project Director)

Peach Club Pvt. Ltd. Faisalabad.

Project: The Qube, Lahore.

Our Ref. No. CL/CED/ 9801 Dated: 06-02-20

Your Ref. No. Nil Dated: 27-01-20

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 30-01-20 Tested on: 04-02-20 in dry/wet condition

l <del>-</del>		1			1	,	1	1		
		Cas	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/W	et W	eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	2nd. F.Open.+S.Beams	30	12	2019	6Diax12	13.8	28.28	84	6660	Non Engraved
2	2nd. F.Open.+S.Beams	30	12	2019	6Diax12	14	28.28	82	6500	Non Engraved
3	2nd. F.Open.+S.Beams	30	12	2019	6Diax12	14	28.28	85	6740	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