

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

9554 Dr. Umbreen

To: Engr. Muhammad Abdullah (Assistant Engineer) **B&W Department, University of Engineering & Technology Lahore** Project: Extension of Administration Block at UET Lahore

Our Ref. No. CL/CED/	9403	Dated:	04-12-19
Your Ref. No.	B&W/AEN/1241	Dated:	27-11-19

COMPRESSION TEST REPORT

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

Specimens received on:

27-11-19 Tested on:

03-12-19 in dry/wet condition

No.	Mort/*	Casting Date* /Wet	Size	Weight	Area of X-	Ultimate	Ultimate	Domorko
ي. ۲.	IVIAIK	Weight	(11)	(ibs./gms)	Section	1080	Suess	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Brick Tiles		9.2x4.6x1.6	1849	42.32			
2	Brick Tiles		9.2x4.5x1.6	1890	41.4			
3	Brick Tiles		9.2x4.6x1.6	1910	42.32			
4	Brick Tiles		9.2x4.5x1.6	1857	41.4			
5	Brick Tiles		9.2x4.6x1.6	1919	42.32			
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: Abdul Rehman

9589 Dr.Usman Akmal

Imperial Panel Industries (Pvt.) Ltd. Lahore
Project: Imperial Panel Industries (Pvt.) Ltd. Factory

Our Ref. No. CL/CED/	9404	Dated:	04-12-19
Your Ref. No.	Nil	Dated:	03-12-19

COMPRESSION TEST REPORT

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

Specimens received on:

03-12-19 Tested on:

04-12-19 in dry/wet condition

-						1		
Ġ		Casting Date*	Size	Weight	Area of	Ultimate	Ultimate	
Z Mark*		/Wet Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0,		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Rectangular Grey		7.7x3.7x3.0	3481	28.49	126	9910	
2	Rectangular Grey		7.7x3.7x3.0	3496	28.49	120	9440	
3	Rectangular Grey		7.7x3.7x3.0	3510	28.49	126	9910	
4	Rectangular Grey		7.7x3.7x3.0	3504	28.49	110	8650	
5	Uniblock Grey		3.1 Thick	4512	37.25	132	7940	
6	Uniblock Grey		3.1 Thick	4494	37.25	144	8660	
7	Uniblock Grey		3.1 Thick	4521	37.25	146	8780	
8	Uniblock Grey		3.1 Thick	4511	37.25	144	8660	
9								
10								
11								
12								
13								
14								
15								
16								

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supervisor(lab)



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

To: Sub Divisional Officer

9547 Dr. Umbreen

Public Health Engg: Sub Division, Gojra Project: Provision of Laying Tuff Tiles, Sewrage and Nallahs in Gojra City Distt: Toba Tek Singh

Our Ref. No. CL/CED/	9405	Dated:	04-12-19
Your Ref. No.	65/G	Dated:	09-11-19

COMPRESSION TEST REPORT

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

Specimens received on:

25-11-19 Tested on: 03-12-19 in dry/wet condition

Casting Size Weight Area of Ultimate Ultimate Date* Š /Wet X-Mark* (in) (lbs./gms) load Stress Remarks Weight Section ي. ت (Tons/lbs) (gms) (Sq. in) (Psi) 1 7.7x3.7x2.3 2570 28.49 124 9750 **Rectangular Grey** 2 7.7x3.7x2.3 **Rectangular Grey** 2652 28.49 138 10850 3 Rectangular Red 7.7x3.7x2.3 2617 28.49 140 11010 4 5 6 7 8 9 10 11 12 13 14 15 16

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

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supervisor(lab)



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

To: Hamid W. Malik

9561 Dr. Aqsa

S.S Oil Mills Limited Lahore Project: Vehari (27-W.B. Luddan Road, Vehari-Pakistan)

Our Ref. No. CL/CED/	9406	Dated:	04-12-19
Your Ref. No.	Nil	Dated:	28-11-19

COMPRESSION TEST REPORT

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

Specimens received on:

28-11-19 Tested on:

03-12-19 in dry/wet condition

No.	Mark*	Casting Date* /Wet	Size (in)	Weight (lbs./gms)	Area of X-	Ultimate load	Ultimate Stress	Remarks
S.		vveight (gms)			Section (Sq. in)	(Tons/lbs)	(Psi)	
1	Rectangular Grev		7.8x3.8x3.1	3393	29.64	54	4090	
2	Rectangular Grey		7.8x3.8x3.1	3370	29.64	66	4990	
3	Rectangular Grey		7.8x3.8x3.1	3452	29.64	65	4920	
4	Rectangular Grey		7.8x3.8x3.1	3390	29.64	64	4840	
5	Rectangular Grey		7.8x3.8x3.1	3415	29.64	51	3860	
6	Rectangular Grey		7.8x3.8x3.1	3428	29.64	60	4540	
7								
8								
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10								
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12								
13								
14								
15								
16								

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

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supervisor(lab)

C	Plain and Reinforced Concrete Laboratory Department of Civil Engineering University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217								
То:	Executive Enginee Pakistan Railways Project: Upgradati	er / Stations Headquarter ons & Renov	s Office, Lahore ations P.R Headqua	arters, Offic	e, Lahore			Dr. Aqsa	
	Our Ref. No. CL/CED	/	9407	Dated:	04-1	2-19			
	Your Ref. No.	W/09/MD/Stat	845- ions/Agreement/HSN	Dated:	29-1	1-19			
		COMPF	RESSION TE	ST RE	PORT				
Conc Speci	rete Cubes/Concrete	Cylinders/Brid 29-11-19	ks/Cores/Tuff Tiles/P	avers	03-12-19	in dry/wet c	ondition		
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	Rectangular Grey		7.7x3.8x3.1	3771	29.26	115	8810		
2	Rectangular Grey		7.7x3.8x3.1	3769	29.26	92	7050		
3	Rectangular Grey		7.7x3.8x3.1	3768	29.26	114	8730		
4									
5									
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16									

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

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supervisor(lab)



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

To: Ch. Furqan Noshad (Project Manager) CM Engineering (Pvt.) Ltd. Lahore

Project: Ufone Huawei, Site Id-CII-2740, ODU PAD

 Our Ref. No. CL/CED/
 9408
 Dated:
 04-12-19

 Your Ref. No.
 CME/Cubes/Ufone(Huawei)/538
 Dated:
 15-11-19

COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

03-12-19

03-1

03-12-19 in dry/wet condition

ć		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate	
Mark*		/Wet W	/eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
		(gm	is)			(Sq. in)	(Tons/lbs)	(Psi)	
	8	11	2019	6x6x6	8.2	36	98	6100	Non Engraved
	8	11	2019	6x6x6	8.2	36	81	5040	Non Engraved
	Mark*	Mark* Mark*	Mark* Casting Mark* /Wet W (gm 8 11 8 11 1 8 1 1	Casting Date* Mark* ////wet Weight (gms) 8 11 2019 8 11 2019 8 11 2019 8 11 2019 9 3 11 9 1 2019 9 3 11 9 1 2019 9 3 11 9 1 2019 9 3 11 9 1 2019 9 3 1 9 1 2019 9 1 2019 9 1 1 9 1 1 9 1 1 9 1 1 9 1 1 9 1 1 9 1 1 9 1 1 9 1 1 9 1 1 9 1 1 <t< td=""><td>Casting Date* Size Mark* <math>\mathcal{W}et W = ight (in) (gms) $\mathcal{C}gms$ 8 11 2019 $\mathcal{E}xExE$ 8 11 2019 $\mathcal{E}xExE$ 9 11 2019 $\mathcal{E}xExE$ 11 12 11 2019 $\mathcal{E}xExE$ 11 12 11 2019 $\mathcal{E}xExE$ 11 12 11 12 11 12 13 14 14 14 13 14 14 14 <th< math=""></th<></math></td><td>Mark* Casting Date* Size Weight /Wet Weight (in) (lbs./gms) (gms) (in) (lbs./gms) 8 11 2019 6x6x6 8.2 8 11 2019 6x6x6 8.2 9 1 1 1 1 1 9 1 1 1 1 1 10 1 1 1 1 1 11 1 1 1 1 1 1 11 1 1 1 1 1 1 1 11 1 1 1 1 1 1 1 1 1 1 1 1</td><td>Mark*Casting Date*SizeWeight (in)Area of (lbs./gms)Mark*$/Wet Weight$(in)$(lbs./gms)$X-Section (Sq. in)81120196x6x68.23681120196x6x68.23691120196x6x68.2361120196x6x68.23611<t< td=""><td>Mark*Casting Date*SizeWeight (in)Area of (lbs./gms)Ultimate loadMark*//Wet Weight (gms)(in)(lbs./gms)X-Section (Sq. in)load (Tons/lbs)81120196x6x68.2369881120196x6x68.2368111<</td><td>Mark* Casting Date* Size Weight (in) Area of (bs./gms) Ultimate Ultimate $Mark^*$ $MetWeight$ (gms) (in) (ibs./gms) X-Section (Sq. in) load Stress 8 11 2019 6x6x6 8.2 36 98 6100 8 11 2019 6x6x6 8.2 36 81 5040 1 2019 6x6x6 8.2 36 81 5040 1 2019 6x6x6 8.2 36 81 5040 1 2 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 1 1 1 2 1<</td></t<></td></t<>	Casting Date* Size Mark* $\mathcal{W}et W = ight (in) (gms) \mathcal{C}gms 8 11 2019 \mathcal{E}xExE 8 11 2019 \mathcal{E}xExE 9 11 2019 \mathcal{E}xExE 11 12 11 2019 \mathcal{E}xExE 11 12 11 2019 \mathcal{E}xExE 11 12 11 12 11 12 13 14 14 14 13 14 14 14 $	Mark* Casting Date* Size Weight /Wet Weight (in) (lbs./gms) (gms) (in) (lbs./gms) 8 11 2019 6x6x6 8.2 8 11 2019 6x6x6 8.2 9 1 1 1 1 1 9 1 1 1 1 1 10 1 1 1 1 1 11 1 1 1 1 1 1 11 1 1 1 1 1 1 1 11 1 1 1 1 1 1 1 1 1 1 1 1	Mark*Casting Date*SizeWeight (in)Area of (lbs./gms)Mark* $/Wet Weight$ (in) $(lbs./gms)$ X-Section (Sq. in)81120196x6x68.23681120196x6x68.23691120196x6x68.2361120196x6x68.23611 <t< td=""><td>Mark*Casting Date*SizeWeight (in)Area of (lbs./gms)Ultimate loadMark*//Wet Weight (gms)(in)(lbs./gms)X-Section (Sq. in)load (Tons/lbs)81120196x6x68.2369881120196x6x68.2368111<</td><td>Mark* Casting Date* Size Weight (in) Area of (bs./gms) Ultimate Ultimate $Mark^*$ $MetWeight$ (gms) (in) (ibs./gms) X-Section (Sq. in) load Stress 8 11 2019 6x6x6 8.2 36 98 6100 8 11 2019 6x6x6 8.2 36 81 5040 1 2019 6x6x6 8.2 36 81 5040 1 2019 6x6x6 8.2 36 81 5040 1 2 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 1 1 1 2 1<</td></t<>	Mark*Casting Date*SizeWeight (in)Area of (lbs./gms)Ultimate loadMark*//Wet Weight (gms)(in)(lbs./gms)X-Section (Sq. in)load (Tons/lbs)81120196x6x68.2369881120196x6x68.2368111<	Mark* Casting Date* Size Weight (in) Area of (bs./gms) Ultimate Ultimate $Mark^*$ $MetWeight$ (gms) (in) (ibs./gms) X-Section (Sq. in) load Stress 8 11 2019 6x6x6 8.2 36 98 6100 8 11 2019 6x6x6 8.2 36 81 5040 1 2019 6x6x6 8.2 36 81 5040 1 2019 6x6x6 8.2 36 81 5040 1 2 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 1 1 1 2 1<

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

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supervisor(lab)

Director/Dy. Director Concrete Laboratory

9580 Dr. Aqsa



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

To: Ch. Furqan Noshad (Project Manager) CM Engineering (Pvt.) Ltd. Lahore

Project: CM PAK Phase-9, Site Id-50946, Column and ODU / DG

Our Ref. No. CL/CED/	9409	Dated:	04-12-19
Your Ref. No.	Nil	Dated:	20-03-19

COMPRESSION TEST REPORT

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

Specimens received on:

03-12-19 Tested on:

03-12-19 in dry/wet condition

Casting Date* Size Weight Area of Ultimate Ultimate Š Х-Mark* /Wet Weight (in) (lbs./gms) load Stress Remarks Section ي. ت (Tons/lbs) (gms) (Sq. in) (Psi) 1 20 2 2018 6x6x6 8.4 36 95 5920 Non Engraved 2 2 2018 100 20 6x6x6 8.2 36 6230 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

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supervisor(lab)

Director/Dy. Director Concrete Laboratory

9580 Dr. Aqsa



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

> 9580 Dr. Aqsa

To: Ch. Furgan Noshad (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: Edot Co, Site Id-LSMR06, Pier Foundation

Our Ref. No. CL/CED/ 9410 Dated: 04-12-19 Your Ref No CME/Cubes/EdotCo/532 Dated[.] 01-10-19

COMPRESSION TEST REPORT

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

Specimens received on:

03-12-19 Tested on:

03-12-19 in dry/wet condition

		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
Sr. No.	Mark*	Λ	Vet	Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(g	ıms)			(Sq. in)	(Tons/lbs)	(Psi)	
1		3	9	2019	6x6x6	8.4	36	117	7280	Non Engraved
2		3	9	2019	6x6x6	8.4	36	105	6540	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
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supervisor(lab)



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

To: Ch. Furgan Noshad (Project Manager) CM Engineering (Pvt.) Ltd. Lahore

Project:CM PAK Phase-9, Site Id-50946, Raft Foundation.

Our Ref. No. CL/CED/	9411	Dated:	04-12-19
Your Ref. No.	Nil	Dated:	19-03-19

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

03-12-19

03-12-19 in dry/wet condition

		Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/\\	/et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1		19	2	2018	6x6x6	8	36	100	6230	Non Engraved
2		19	2	2018	6x6x6	8.2	36	98	6100	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

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supervisor(lab)

Director/Dy. Director Concrete Laboratory

9580 Dr. Aqsa



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

To: Syed Nabeel Hassan (Resident Engineer)

9571 Dr. Aqsa

CM Div., NESPAK (Pvt.) Ltd. Lahore (M/s Modern Construction Co.) Project:Rehab. Works Under Community Development Program (CDP) 2018-19 (Restoration of Nadeem Shaheed Road From Avian Chowk to Stop No.3 Allama Iqbal Town, Lahore)

Our Ref. No. CL/CED	/ 9412	Dated:	04-12-19
Your Ref. No.	4047-R/13/SNH/07/MCC/107-A	Dated:	31-10-19

COMPRESSION TEST REPORT

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

Specimens received on:

02-12-19 7

Tested on:

03-12-19 in dry/wet condition

-	I					1	1	1	1	
Sr. No.		Casting E	Date*	Size	Weight	Area of	Ultimate	Ultimate		
	Mark*	Mark* //		eight/	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1		3	10	2019	6x6x6	8.4	36	94	5850	Non Engraved
2		3	10	2019	6x6x6	8	36	73	4550	Non Engraved
3		3	10	2019	6x6x6	8.6	36	90	5600	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
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15										
16										

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supervisor(lab)



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

To: Syed Nabeel Hassan (Resident Engineer)

9571 Dr. Aqsa

CM Div., NESPAK (Pvt.) Ltd. Lahore (M/s Modern Construction Co.) Project:Rehab. Works Under Community Development Program (CDP) 2018-19 (Restoration of Nadeem Shaheed Road From Avian Chowk to Stop No.3 Allama Iqbal Town, Lahore)

Our Ref. No. CL/CED/	9413	Dated:	04-12-19
Your Ref. No.	4047-R/13/SNH/07/MCC/113	Dated:	02-11-19

COMPRESSION TEST REPORT

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

Specimens received on:

02-12-19

Tested on:

03-12-19 in dry/wet condition

ir. No.	Mark*	Casting Date* /Wet Weight		Size (in)	Weight (lbs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks	
05			(gm	ıs)			(Sq. in)	(Tons/lbs)	(Psi)	
1		5	10	2019	6x6x6	9	36	91	5670	Non Engraved
2		5	10	2019	6x6x6	8	36	79	4920	Non Engraved
3		5	10	2019	6x6x6	8	36	89	5540	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)