

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

To: Archt. Kalim A. Siddigui, Chief Executive KS & Associates. 65-B, Gulberg II, Lahore.

Project: Setting Up of New Branch of MCB Bank & Regional Office at Muzaffargarh.

Our Ref. No. CL/CED	0/ 8744	Dated:	26-08-19
Your Ref. No.	KSA/MCB-MZFG/18/AU-05	Dated:	02-08-19

COMPRESSION TEST REPORT

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

Specimens received on:

05-08-19 Tested on:

22-08-19 in dry/wet condition

			Casting 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	3000 Psi	29	6	2019	6Diax12	13.2	28.28	32	2500	Non Engraved
2	3000 Psi	29	6	2019	6Diax12	14	28.28	87	6780	Non Engraved
3										
4										
5										
6										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* as engraved on the specimens (if any)

** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

*** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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

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

The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab)

Director/Dy. Director Concrete Laboratory

9039 Dr. Aqsa



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

To: Pak Construction System.

Flat # 21, 2nd Floor, Sharaf Mension, Chowk Ganga Ram Hospital, Lahore. Project: Cotton Web Extension Stitching Building #1.

Our Ref. No. CL/CED/	8745	Dated:	26-08-19
Your Ref. No.	Nil	Dated:	21-08-19

COMPRESSION TEST REPORT

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

22-08-19 Tested on: 22-08-19 Specimens received on: in dry/wet condition Casting Date* Size Weight Area of Ultimate Ultimate Š Mark* /Wet Weight (in) (lbs./gms) X-Section load Stress Remarks ي. ت (Tons/lbs) (gms) (Sq. in) (Psi) Basement Roof Grid 1 3 8 2019 6Diax12 28.28 4910 13.2 63 Non Engraved A~G/6~10 Basement Roof Grid 2 3 8 2019 6Diax12 13.2 28.28 43 3360 Non Engraved A~G/6~10 **Basement Roof Grid** 3 3 8 2019 6Diax12 13.2 28.28 70 5460 Non Engraved A~G/6~10 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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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

9089 Dr. Umbreen



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

To: M. Sohail Anjum (Project Manager)

9050 Dr. Umbreen

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

Our Ref. No. CL/CED/ 8746 Dated: 26-08-19 Your Ref No P-156-024 Dated: 06-08-19

COMPRESSION TEST REPORT

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

Specimens received on:

06-08-19 Tested on:

22-08-19 in dry/wet condition

		Cor	oting	n Doto*	Sizo	\\/oight	Area of	Liltimata	Liltimoto	
Sr. No.	Mark*	W	et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	57 (4000 PSI)	14	7	2019	6Diax12	14	28.28	64	4990	Non Engraved
2	58 (4000 PSI)	14	7	2019	6Diax12	14	28.28	69	5380	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
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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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** 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)



To: M. Sohail Anjum (Project Manager)

Plain and Reinforced Concrete Laboratory Department of Civil Engineering

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

9050

Dr. Umbreen

P-156 Gulberg II Lahore. Project: Construction of P-156 Gulberg-II Lahore. Our Ref. No. CL/CED/ 8747 Dated: 26-08-19 Your Ref. No. P-156-023 Dated[.] 06-08-19 COMPRESSION TEST REPORT Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers Tested on: 06-08-19 Specimens received on: 22-08-19 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 53 (4000 PSI) 12 7 2019 6Diax12 13.8 28.28 60 4680 Non Engraved 2 7 2019 6Diax12 28.28 5460 54 (4000 PSI) 12 14 70 Non Engraved 3 4 5 6 7 8 9 10 11 12 13 14 15 16

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

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supervisor(lab)



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

To: M. Sohail Anjum (Project Manager) P-156 Gulberg II Lahore.

9050 Dr. Umbreen

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

Our Ref. No. CL/CED/ 8748 Dated: 26-08-19 Your Ref No P-156-022 Dated: 06-08-19

COMPRESSION TEST REPORT

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

Specimens received on:

06-08-19 Tested on:

22-08-19 in dry/wet condition

ġ		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
Sr. Nc	Mark*	/W	'et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	49 (4000 PSI)	11	7	2019	6Diax12	14	28.28	60	4680	Non Engraved
2	50 (4000 PSI)	11	7	2019	6Diax12	14	28.28	64	4990	Non Engraved
3										
4										
5										
6										
7										
8										
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supervisor(lab)



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

To: M. Sohail Anjum (Project Manager) P-156 Gulberg II Lahore.

9050 Dr. Umbreen

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

Our Ref. No. CL/CED/	8749	Dated:	26-08-19
Your Ref. No.	P-156-021	Dated:	06-08-19

COMPRESSION TEST REPORT

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

Specimens received on:

06-08-19 Tested on:

22-08-19 in dry/wet condition

	o Z Mark*		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate	
ŝr. No			/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	42 (4000 PSI)	10	7	2019	6Diax12	14.2	28.28	82	6400	Non Engraved
2	44 (4000 PSI)	10	7	2019	6Diax12	14	28.28	83	6470	Non Engraved
3										
4										
5										
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supervisor(lab)



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

To: M. Sohail Anjum (Project Manager) P-156 Gulberg II Lahore.

9076 Dr. Aqsa

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

Our Ref. No. CL/CED/	8750	Dated:	26-08-19
Your Ref. No.	P-156-025	Dated:	20-08-19

COMPRESSION TEST REPORT

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

Specimens received on:

20-08-19 Tested on:

22-08-19 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 61 (4000 PSI) 5 8 2019 6Diax12 13.4 28.28 56 4370 Non Engraved 2 5 8 14 4060 62 (4000 PSI) 2019 6Diax12 28.28 52 Non Engraved 3 4 5 6 7 8 9 10 11 12 13 14 15 16

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

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supervisor(lab)



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

To: M. Sohail Anjum (Project Manager) P-156 Gulberg II Lahore.

9076 Dr. Aqsa

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

Our Ref. No. CL/CED/	8751	Dated:	26-08-19
Your Ref. No.	P-156-026	Dated:	20-08-19

COMPRESSION TEST REPORT

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

Specimens received on:

20-08-19 Tested on:

22-08-19 in dry/wet condition

		Ca	Casting Date*		Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	٨			(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	69 (4000 PSI)	8	8	2019	6Diax12	14	28.28	62	4840	Non Engraved
2	70 (4000 PSI)	8	8	2019	6Diax12	13.6	28.28	73	5690	Non Engraved
3										
4										
5										
6										
7										
8										
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: Engr. Jaffer Rashid, Project Manager

9056 Dr. Aqsa

Izhar Group of Companies. 35-Tipu Block, New Garden Town, Lahore. Project: CCBL Ware House & Allied Works Phase-2.

Our Ref. No. CL/CED/	8752	Dated:	26-08-19
Your Ref. No.	ICPL/CCBL/LAB/06	Dated:	06-08-19

COMPRESSION TEST REPORT

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

Specimens received on:

07-08-19 Tested on:

22-08-19 in dry/wet condition

ì					I	1	1			
		Casting 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	2400 Psi	8	7	2019	6Diax12	14.2	28.28	66	5150	Non Engraved
2	2400 Psi	8	7	2019	6Diax12	13.2	28.28	60	4680	Non Engraved
3	2400 Psi	10	7	2019	6Diax12	13.6	28.28	61	4760	Non Engraved
4	2400 Psi	10	7	2019	6Diax12	13.6	28.28	59	4600	Non Engraved
5										
6										
7										
8										
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11										
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13										
14										
15										
16										

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

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supervisor(lab)



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

To: Sadaat Ali Baig, P.M **DOWNTOWN Mall & Residences.** Project: 134-E/1 Gulberg III, Lahore.

Our Ref. No. CL/CED/	8753	Dated:	26-08-19
Your Ref. No.	Nil	Dated:	05-08-19

COMPRESSION TEST REPORT

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

Specimens received on:

05-08-19 Tested on:

22-08-19 in dry/wet condition

9040

Dr. Aqsa

		0	ontin		Cizo	W.oight	Area of	Liltimate	Liltimate	
Sr. No.	Mark*	N	Vet	Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0,			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	4000 Psi	8	7	2019	6Diax12	13	28.28	51	3980	Non Engraved
2	4000 Psi	8	7	2019	6Diax12	13.2	28.28	53	4140	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)



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

To: (Shoaib Razzaq), Project Coordinator SINACO Engineers (Pvt) Ltd. 12-G, Model Town, Lahore.

Project: Retrofitting Works at 12-L Gulberg, Lahore.

Our Ref. No. CL/CED/	8754	Dated:	26-08-19
Your Ref. No.	SEL/LHR/C462/10277	Dated:	03-08-19

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

05-08-19

22-08-19 in dry/wet condition

No.	Mark*	Ca	astir	ig Date*	Size	Weight	Area of X-	Ultimate	Ultimate	Remarks
Sr.	IVIAI K	/\	vel	veign	(11)	(ibs./gitts)	Section	ioau	011655	Remarks
			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Beams & Columns	1	7	2019	6Diax12	13	28.28	97	7560	Non Engraved
2	Beams & Columns	1	7	2019	6Diax12	13	28.28	89	6940	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

9045 Dr. Aqsa



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

To: Syed Muhammad Ali

9047 Dr. Aqsa

Latitude Solutions. 613-F, Gulshan-e-Ravi, Lahore. Project: Bank Al-Habib Branch Building at Zahir Pir Rahim Yar Khan.

Our Ref. No. CL/CED/	8755	Dated:	26-08-19
Your Ref. No.	Nil	Dated:	05-08-19

COMPRESSION TEST REPORT

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

Specimens received on:

05-08-19 Tested on: 22-08-19 in dry/wet condition

										l .
		Casting D		Casting Date* Size Weight		Weight	Area of	Ultimate	Ultimate	
Sr. No	Mark*	/W	'et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0,			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1		25	7	2019	6Diax12	12.2	28.28	34	2650	Non Engraved
2		25	7	2019	6Diax12	12.2	28.28	36	2810	Non Engraved
3		25	7	2019	6Diax12	12.2	28.28	36	2810	Non Engraved
4										
5										
6										
7										
8										
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: Mr. Imran Jamil, Resident Engineer

9061 Dr. Aqsa

Parvez Iqbal & Associates. 83-A-2 Gulberg-III, Lahore.

Project: Water Treatment Plant (H. Sadar Ali Akhtar Ali Pvt. Ltd. Halloki Lahore.)

Our Ref. No. CL/CED/	8756	Dated:	26-08-19
Your Ref. No.	Nil	Dated:	08-08-19

COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 08-08-19

22-08-19

in dry/wet condition

n										
		Ca	Casting Date*		Size	Weight	Area of	Ultimate	Ultimate	
ŝr. No	Mark*	/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks	
0)			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1		5	8	2019	6Diax12	13.2	28.28	47	3670	Non Engraved
2		5	8	2019	6Diax12	13.2	28.28	48	3750	Non Engraved
3		5	8	2019	6Diax12	13	28.28	47	3670	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

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The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab)



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

To: Arfan Nazir, Manager Civil

Nishat Mills Limited. Dyeing & Finishing Plant Lahore.

Project: Nishat 3.2 MW Power Plant Extension Unit 42. 22-Km off Ferozepur Road,5-Km Nishat Avenue Lahore. Guarantee Engineers (Pvt) Ltd. (TG Foundation Slab (+7.000m)).

Our Ref. No. CL/CED/	8757	Dated:	26-08-19
Your Ref. No.	Nil	Dated:	08-08-19

COMPRESSION TEST REPORT

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

Specimens received on:

09-08-19 Tested on:

22-08-19 in dry/wet condition

		Cast	Casting Date*		Size	Weight	Area of	Ultimate	Ultimate	
Sr. No	Mark*	/We	et W	eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	C-35	31	7	2019	6Diax12	13.4	28.28	77	6010	Non Engraved
2	C-35	31	7	2019	6Diax12	13.2	28.28	83	6470	Non Engraved
3	C-35	31	7	2019	6Diax12	13.2	28.28	87	6780	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 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

9062 Dr. Aqsa