

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

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

Dr. Aqsa

8013

To: Nasir Mahmood Khan (Partner) N.A. Associates, Lahore

Project: Construction of Prayer Hall at Khalid Mosque Cavalary Ground Lahore Cantt.

Our Ref. No. CL/CED/	7264	Dated:	14-02-19
Your Ref. No.	NAA/K.M/18/12	Dated:	01-02-19

## COMPRESSION TEST REPORT

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

Specimens received on:

01-02-19 Tested on:

14-02-19 in dry/wet condition

r		<u>r</u>								
Sr. No.	Mark*	Casting Date*			Size	Weight	Area of	Ultimate	Ultimate	
		/Wet Weight			(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1		23	12	2018	6Diax12	12.8	28.28	35	2780	Non Engraved
2		23	12	2018	6Diax12	13	28.28	36	2860	Non Engraved
3		23	12	2018	6Diax12	12.8	28.28	33	2620	Non Engraved
4		25	1	2019	6Diax12	13.6	28.28	62	4920	Non Engraved
5		25	1	2019	6Diax12	13.2	28.28	69	5470	Non Engraved
6		25	1	2019	6Diax12	13.2	28.28	53	4200	Non Engraved
End										
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)



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#### New Shahzad & Co. Pvt. Ltd. To:

8036 Dr. Aqsa

# **Officers Colony, Sheikhupura City**

Our Ref. No. CL/CED/	7265	Dated:	14-02-19
Your Ref. No.	Nil	Dated:	04-02-19

## COMPRESSION TEST REPORT

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

Specimens received on:

04-02-19 Tested on:

in dry/wet condition 14-02-19

Casting Date\* Size Weight Area of Ultimate Ultimate Š Х-Mark\* /Wet Weight (in) (lbs./gms) load Stress Remarks Section ົດ. (gms) (Sq. in) (Tons/lbs) (Psi) 1 Raft 4 1 2019 6Diax12 14 28.28 47 3730 Engraved 4 1 2019 2 Column 6Diax12 14.2 28.28 80 6340 Engraved End \_\_\_\_ ---\_\_\_\_ 4 5 6 7 8 9 10 11 12 13

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\* as engraved on the specimens (if any)

14

15

16

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

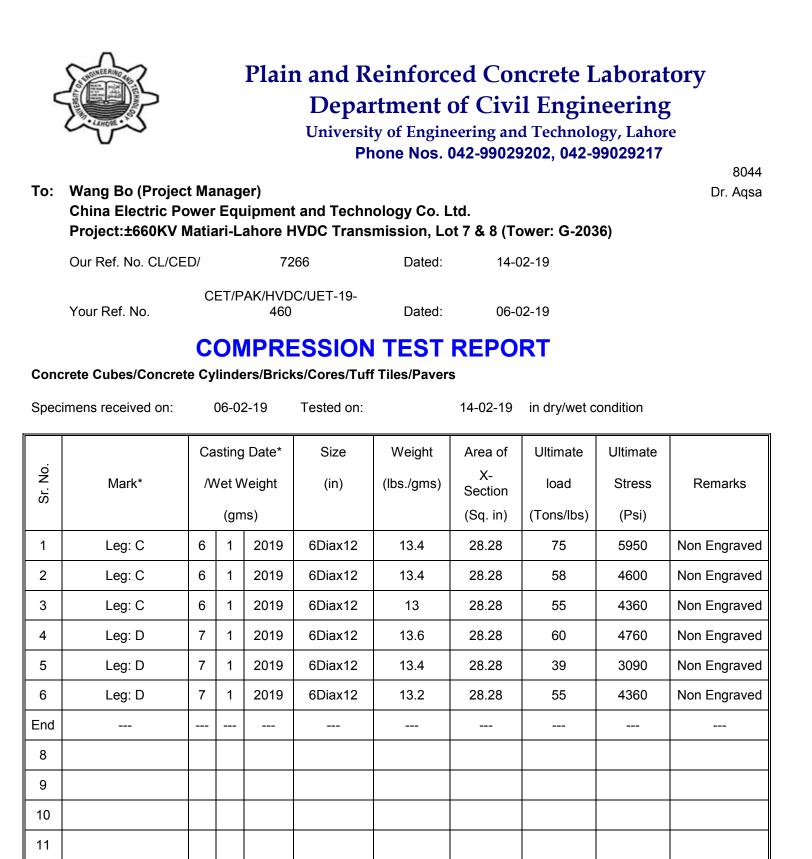
\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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

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12

13

14

15

16

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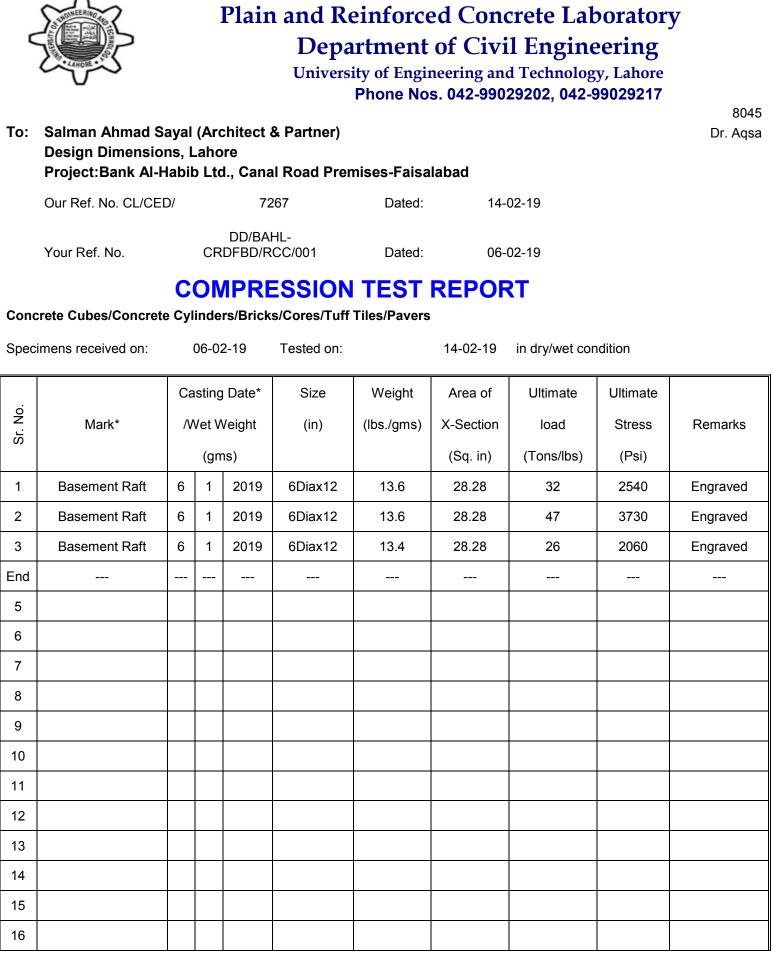
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#### To: M. Rizwan Shoukat (Project Incharge) WASO, PAEC, GINUM Gujranwala Project:

Our Ref. No. CL/CED/	7268	Dated:	14-02-19
Your Ref. No.	Nil	Dated:	04-02-19

## **COMPRESSION TEST REPORT**

Tested on:

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

Specimens received on:

04-02-19

07

07-02-19 in dry/wet condition

		1								
Sr. No.	Mark*	Casting Date*			Size	Weight	Area of	Ultimate	Ultimate	
		/Wet Weight			(in)	(lbs./gms)	X-Section	load	Stress	Remarks
			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	Ground Floor Slab	31	12	2018	6x6x6	8.8	36	96	5980	Non Engraved
2	Ground Floor Slab	31	12	2018	6x6x6	8.4	36	92	5730	Non Engraved
3	Ground Floor Slab	31	12	2018	6x6x6	8.4	36	90	5600	Non Engraved
4	1st Floor Slab	23	1	2019	6x6x6	8.6	36	73	4550	Non Engraved
5	1st Floor Slab	23	1	2019	6x6x6	8.6	36	67	4170	Non Engraved
6	1st Floor Slab	23	1	2019	6x6x6	8.7	36	77	4800	Non Engraved
7	1st Floor Slab	24	1	2019	6x6x6	8.4	36	72	4480	Non Engraved
8	1st Floor Slab	24	1	2019	6x6x6	8.6	36	47	2930	Non Engraved
9	1st Floor Slab	24	1	2019	6x6x6	8.4	36	67	4170	Non Engraved
End										
11										
12										
13										
14										
15										
16										

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supervisor(lab)

## **Director/Dy. Director Concrete Laboratory**

8033 Dr. Aqsa