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> 3178 Dr. Aqsa

To: Mr. Taslim Alam (Resident Engineer, Zeroline Bridge, Kartarpur) NESPAK Pvt. Ltd. Kartarpur Corridor .

Project: Construction of Bridge & Approach Road at Zero Line Kartarpur Corridor. (Contractor; M/S MSK)

Our Ref. No. CL	(CED/ 8690	Dated:	27-04-22	Test Specification
Your Ref. No.	4371/021/TA/01/028	Dated:	22-04-22	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	2	2-04	-22	Tested on:	26-0)4-22	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	8 8	26	3	2022	6Diax12		13	28.28	59	4673		Non Engraved
2	89	26	3	2022	6Diax12		13.2	28.28	58	4594		Non Engraved
3	90	26	3	2022	6Diax12		13	28.28	49	3881		Non Engraved
4	139	12	4	2022	6Diax12		13	28.28	50	3960		Non Engraved
5	140	12	4	2022	6Diax12	HILE	R 13	28.28	52	4119		Non Engraved
6	141	12	4	2022	6Diax12	READ IN	13	28.28	59	4673		Non Engraved
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Witness	sed by:											

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)

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

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

4. **** 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



To: Mr. Muhammad Sohail Anjum (Project Manager) MS Tower, J4 Lahore.

Project: Construction of MS Tower at Plot 450, 451 Johar Town Lahore.

Our Ref. No. CL	/CED/ 8691	Dated:	27-04-22	Test Specification
Your Ref. No.	MST/UET/2022/C-013	Dated:	25-04-22	(ASTM C39)

COMPRESSION TEST REPORT

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the lab for record.

3198 & 3208 Dr. Asif Hameed

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

Specim	ens received on:	2	6-04	-22	Tested on:	27-0)4-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	3000 Psi (25)	28	3	2022	6Diax12		13.2	28.28	25	1980		Non Engraved
2	3000 Psi (23)	28	3	2022	6Diax12		13	28.28	31	2455		Non Engraved
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14												
15												
16												
Witnessed by: Mr. Naeem Ur Rahman Durani, CNIC # 35202-0778168-5												

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



To: MS Tower, J4 Lahore.

Project: Construction of MS Tower at Plot 450, 451 Johar Town Lahore.

Our Ref. No. CL	/CED/ 8692	Dated:	27-04-22	Test Specification
Your Ref. No.	MST/UET/2022/C-012	Dated:	25-04-22	(ASTM C39)

COMPRESSION TEST REPORT

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the lab for record.

3198 & 3208 Dr. Asif Hameed

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

ens received on:	2	6-04	-22	Tested on:	27-0	4-22	in dry/we	t condition			ONLINE REPORT
Mark*		-		Size (in)	Wet Weight (Kg/ gms)				Stress	vvaler	Remarks
3000 Psi (20)	27	3	2022	6Diax12		13.2	28.28	40	3168		Non Engraved
3000 Psi (21)	27	3	2022	6Diax12		13.4	28.28	43	3406		Non Engraved
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	Mark* 3000 Psi (20) 3000 Psi (21)	Mark* Cas DD 3000 Psi (20) 27 3000 Psi (21) 27	Mark* Casting DD MM 3000 Psi (20) 27 3 3000 Psi (21) 27 3 3000 Psi (21) 27 3	Mark* Casting Date* DD MM YYYY 3000 Psi (20) 27 3 2022 3000 Psi (21) 27 3 2022 <td>Mark* Casting Date* Size DD MM YYYY (in) 3000 Psi (20) 27 3 2022 6Diax12 3000 Psi (21) 27 3 2022 6Diax12 3000 Psi (21) 27 3 2022 6Diax12 </td> <td>Mark* Casting Date* Size Wet Weight DD MM YYYY (in) (Kg/gms) 3000 Psi (20) 27 3 2022 6Diax12 3000 Psi (21) 27 3 2022 6Diax12 3000 Psi (21) 27 3 2022 6Diax12 </td> <td>Mark* Casting Date* Size Wet Weight Dry Weight 3000 Psi (20) 27 3 2022 6Diax12 13.2 3000 Psi (21) 27 3 2022 6Diax12 13.4 13.4 13.4 13.4 13.4 13.4 <td>Mark* $Casting Date*$ Size Wet Weight Weight (Kg/gms) Area of X-Section (Kg/gms) 3000 Psi (20) 27 3 2022 6Diax12 13.2 28.28 3000 Psi (21) 27 3 2022 6Diax12 13.4 28.28 3000 Psi (21) 27 3 2022 6Diax12 13.4 28.28 13.4 28.28 </td><td>Mark* $Casting Date*$ Size Wet Weight Weight Weight (Kg/gms) Area of Area of Ioad Ioad (Ioad Ioad Ioad Ioad Ioad Ioad (Kg/gms)) Area of Ioad Ioad (Ioad Ioad Ioad Ioad Ioad Ioad Ioad Ioad</td><td>Mark* Casting Date* Size Wet Weight (Kg/gms) Dry Weight (Kg/gms) Area of X-Section Ultimate Ioad Ultimate Stress 3000 Psi (20) 27 3 2022 6Diax12 13.2 28.28 40 3168 3000 Psi (21) 27 3 2022 6Diax12 13.4 28.28 43 3406 13.4 28.28 43 3406 <!--</td--><td>Mark* $C_{astirp} Date*$ Size Weight (Kg/gms) Dry (Kg/gms) Area of (Kg/gms) Ultimate (Sq. in) Ultimate load Water Stress Mater Absorption 3000 Psi (20) 27 3 2022 6Diax12 13.2 28.28 40 3168 3000 Psi (21) 27 3 2022 6Diax12 13.4 28.28 43 3406 </td></td></td>	Mark* Casting Date* Size DD MM YYYY (in) 3000 Psi (20) 27 3 2022 6Diax12 3000 Psi (21) 27 3 2022 6Diax12 3000 Psi (21) 27 3 2022 6Diax12	Mark* Casting Date* Size Wet Weight DD MM YYYY (in) (Kg/gms) 3000 Psi (20) 27 3 2022 6Diax12 3000 Psi (21) 27 3 2022 6Diax12 3000 Psi (21) 27 3 2022 6Diax12	Mark* Casting Date* Size Wet Weight Dry Weight 3000 Psi (20) 27 3 2022 6Diax12 13.2 3000 Psi (21) 27 3 2022 6Diax12 13.4 13.4 13.4 13.4 13.4 13.4 <td>Mark* $Casting Date*$ Size Wet Weight Weight (Kg/gms) Area of X-Section (Kg/gms) 3000 Psi (20) 27 3 2022 6Diax12 13.2 28.28 3000 Psi (21) 27 3 2022 6Diax12 13.4 28.28 3000 Psi (21) 27 3 2022 6Diax12 13.4 28.28 13.4 28.28 </td> <td>Mark* $Casting Date*$ Size Wet Weight Weight Weight (Kg/gms) Area of Area of Ioad Ioad (Ioad Ioad Ioad Ioad Ioad Ioad (Kg/gms)) Area of Ioad Ioad (Ioad Ioad Ioad Ioad Ioad Ioad Ioad Ioad</td> <td>Mark* Casting Date* Size Wet Weight (Kg/gms) Dry Weight (Kg/gms) Area of X-Section Ultimate Ioad Ultimate Stress 3000 Psi (20) 27 3 2022 6Diax12 13.2 28.28 40 3168 3000 Psi (21) 27 3 2022 6Diax12 13.4 28.28 43 3406 13.4 28.28 43 3406 <!--</td--><td>Mark* $C_{astirp} Date*$ Size Weight (Kg/gms) Dry (Kg/gms) Area of (Kg/gms) Ultimate (Sq. in) Ultimate load Water Stress Mater Absorption 3000 Psi (20) 27 3 2022 6Diax12 13.2 28.28 40 3168 3000 Psi (21) 27 3 2022 6Diax12 13.4 28.28 43 3406 </td></td>	Mark* $Casting Date*$ Size Wet Weight Weight (Kg/gms) Area of X-Section (Kg/gms) 3000 Psi (20) 27 3 2022 6Diax12 13.2 28.28 3000 Psi (21) 27 3 2022 6Diax12 13.4 28.28 3000 Psi (21) 27 3 2022 6Diax12 13.4 28.28 13.4 28.28	Mark* $Casting Date*$ Size Wet Weight Weight Weight (Kg/gms) Area of Area of Ioad Ioad (Ioad Ioad Ioad Ioad Ioad Ioad (Kg/gms)) Area of Ioad Ioad (Ioad Ioad Ioad Ioad Ioad Ioad Ioad Ioad	Mark* Casting Date* Size Wet Weight (Kg/gms) Dry Weight (Kg/gms) Area of X-Section Ultimate Ioad Ultimate Stress 3000 Psi (20) 27 3 2022 6Diax12 13.2 28.28 40 3168 3000 Psi (21) 27 3 2022 6Diax12 13.4 28.28 43 3406 13.4 28.28 43 3406 </td <td>Mark* $C_{astirp} Date*$ Size Weight (Kg/gms) Dry (Kg/gms) Area of (Kg/gms) Ultimate (Sq. in) Ultimate load Water Stress Mater Absorption 3000 Psi (20) 27 3 2022 6Diax12 13.2 28.28 40 3168 3000 Psi (21) 27 3 2022 6Diax12 13.4 28.28 43 3406 </td>	Mark* $C_{astirp} Date*$ Size Weight (Kg/gms) Dry (Kg/gms) Area of (Kg/gms) Ultimate (Sq. in) Ultimate load Water Stress Mater Absorption 3000 Psi (20) 27 3 2022 6Diax12 13.2 28.28 40 3168 3000 Psi (21) 27 3 2022 6Diax12 13.4 28.28 43 3406

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)

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

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

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



To: MS Tower, J4 Lahore.

Project: Construction of MS Tower at Plot 450, 451 Johar Town Lahore.

Our Ref. No. CL	/CED/ 8693	Dated:	27-04-22	Test Specification
Your Ref. No.	MST/UET/2022/C-009	Dated:	22-04-22	(ASTM C39)

COMPRESSION TEST REPORT

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3198 & 3208 Dr. Asif Hameed



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

Specim	ens received on:	2	6-04	-22	Tested on:	27-0)4-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	3000 Psi (65)	17	4	2022	6Diax12		13.8	28.28	33	2614		Non Engraved
2	3000 Psi (68)	17	4	2022	6Diax12		13.4	28.28	33	2614		Non Engraved
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14												
15												
16												
Witnessed by: Mr. Naeem Ur Rahman Durani, CNIC # 35202-0778168-5												

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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



To: MS Tower, J4 Lahore.

Project: Construction of MS Tower at Plot 450, 451 Johar Town Lahore.

Our Ref. No. CL/	'CED/ 8694	Dated:	27-04-22	Test Specification
Your Ref. No.	MST/UET/2022/C-011	Dated:	22-04-22	(ASTM C39)

COMPRESSION TEST REPORT

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the lab for record.

3198 & 3208 Dr. Asif Hameed

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

Specim	ens received on:	2	6-04	-22	Tested on:	27-0)4-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	3000 Psi (7)	26	3	2022	6Diax12		13.4	28.28	25	1980		Non Engraved
2	3000 Psi (9)	26	3	2022	6Diax12		13.4	28.28	31	2455		Non Engraved
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Witness	ed by: Mr. Naeem	Ur R	Rahm	nan Du	rani, CNIC # 3	5202-0778 [,]	168-5					

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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



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> 3199 Dr. Mazhar

To: Zaheer Abbas, Manager Construction Beaconhouse School System.

Project: Construction of New Campus Ibne Sina Campus at Valencia Town, Lahore. (BPS Pvt. Ltd.)

Our Ref. No. CL/CED/ 8695	Dated:	27-04-22	Test Specification
Your Ref. No. Nil	Dated:	25-04-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on:		26-04-22 T		-22	Tested on:	27-04-22		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Footings (3200 Psi)	17	4	2022	6Diax12		13	28.28	47	3723		Engraved
2	Footings (3200 Psi)	17	4	2022	6Diax12		13	28.28	46	3644		Engraved
3	Footings (3200 Psi)	17	4	2022	6Diax12		13	28.28	51	4040		Engraved
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Witness	sed by:											

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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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4. **** 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



To: Mr. Adnan Ejaz, Project Manager Signature Tower Icon.

Project: Nil			
Our Ref. No. CL/CED/ 8696	Dated:	27-04-22	Test Specification
Your Ref. No. Sig-15	Dated:	25-04-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on:		26-04-22		-22	Tested on:	27-0	4-22	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*			Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	2nd F. Slab (4000 Psi)	8	2	2022	6Diax12		13.8	28.28	88	6970		Non Engraved
2	2nd F. Slab (4000 Psi)	8	2	2022	6Diax12		13.4	28.28	86	6812		Non Engraved
3	2nd F. Slab (4000 Psi)	8	2	2022	6Diax12		13	28.28	94	7446		Non Engraved
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Witness	sed by:											

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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

4. **** 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

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients) 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



ORIGINAL A carbon copy for the report has been retained in the lab for record.

> 3201 Dr. Mazhar



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the lab for record.

3189 Dr. Aqsa

University of the Punjab.					
Project: Constrcution of 03 Labs and 09 Faculty University of the Punjab.	Offices at 1st Floor Institution o	f Chemistry at Q.A.C			
Our Ref. No. CL/CED/ 8697	Dated:	27-04-22	22 <u>Test Specification</u>		
Your Ref. No. D-762-ME-iv	Dated:	16-04-22	(BS 1881-116)		

COMPRESSION TEST REPORT



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

Specimens received on:		2	25-04-22		Tested on:	ested on: 26-04-2		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
			r	YYYY	,	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)			
1	Columns (1:1.5:3)	28	12	2021	6x6x6		8.8	36	70	4356		Non Engraved
2	Columns (1:1.5:3)	28	12	2021	6x6x6		8.8	36	118	7342		Non Engraved
3	Columns (1:1.5:3)	28	12	2021	6x6x6		8.4	36	50	3111		Non Engraved
4	Columns (1:1.5:3)	28	12	2021	6x6x6		9	36	112	6969		Non Engraved
5	Columns (1:1.5:3)	28	12	2021	6x6x6 🧹	GINE	8.8	36	95	5911		Non Engraved
6	Columns (1:1.5:3)	28	12	2021	6x6x6	READIN	8.8	36	92	5724		Non Engraved
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Witness	sed by:											

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)

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

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

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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he lab for record.					

3189 Dr. Aqsa

Maintenance En University of the	gineer PU, Lahore. Punjab.										
Project: Constrcution of 03 Labs and 09 Faculty Offices at 1st Floor Institution of Chemistry at Q.A.C. University of the Punjab.											
Our Ref. No. CL/	CED/ 8698	Dated:	27-04-22								
Your Ref. No.	D-761-ME-iv	Dated:	16-04-22								

COMPRESSION TEST REPORT



Test Specification (BS 1881-116)

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

Specimens received on:		25-04-22 Tested		Tested on:	26-04-22		in dry/wet condition					
Sr. No.	Mark*		Casting Date*		Size	Wet Weight		Area of X-Section			Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	Slab (1:2:4)	23	2	2022	6x6x6		8.6	36	89	5538		Non Engraved
2	Slab (1:2:4)	23	2	2022	6x6x6		8.6	36	99	6160		Non Engraved
3	Slab (1:2:4)	23	2	2022	6x6x6		8.6	36	98	6098		Non Engraved
4	Slab (1:2:4)	23	2	2022	6x6x6		8.6	36	113	7031		Non Engraved
5	Slab (1:2:4)	23	2	2022	6x6x6 🧹	RINE	8.6	36	115	7156		Non Engraved
6	Slab (1:2:4)	23	2	2022	6x6x6	READ IN	8.6	36	88	5476		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)

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

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

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



the report has							
A carbon copy for							
the report has							
been retained in							
he lab for record.							

3183 Dr. Aqsa

To: **Sub Divisional Officer** Highway Sub Division Raiwind.

Project: Special Repair of Raiwind Manga Road Underpass Multan Road in District Lahore.

Our Ref. No. CL/	CED/ 8699	Dated:	27-04-22	Test Specification
Your Ref. No.	493/SDR	Dated:	22-04-22	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on:		25-04-22		-22	Tested on:	26-04-22		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		22	3	2022	6x6x6		8.6	36	71	4418		Non Engraved
2		22	3	2022	6x6x6		8	36	39	2427		Non Engraved
3		22	3	2022	6x6x6		8	36	71	4418		Non Engraved
4		22	3	2022	6x6x6		8	36	67	4169		Non Engraved
5						ARTHE	RIATE					
6)	READIN	PAUS D					
7						DHE NAME OF THY LORD VIND	- K	FF				
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9						2-						
10					- <	LA	INRE ?					
11												
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13												
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Witness	sed by:											

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 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory