

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

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

> 5681 Dr. M. Yousaf

To: Mr. Sarfraz Ahmad

Project Manager, BEMSOL Pvt. Ltd.

Project: Boiler 75 TPH (Plinth Beam) B-M/14-2 for BSP Boiler Project at Kasur.

Our Ref. No. CL/CED/ 2560 Dated: 09/08/2023 <u>Test Specification</u>

Your Ref. No. BPL/2023080701 Dated: 07/08/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 08/08/2023 Tested on: 09/08/2023 in dry/wet condition

et condition () ONLINE REP

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	C-30	9	7	2023	6 x 6 x 6		8.6	36	108	6720		Non Engraved
2	C-30	9	7	2023	6 x 6 x 6		8.4	36	108	6720		Non Engraved
3	C-30	9	7	2023	6 x 6 x 6		8.4	36	99	6160		Non Engraved
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6)	READIN	2000	X				
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11												
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13												
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15												
16											1	

Witnessed by: Nil

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

- 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.



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> 5598 Dr. Aqsa

To: Mr. Muhammad Saleem

G.M., Professional Construction Services (Pvt.) Ltd

Project: Construction of TCF Secondary School Gelewal/Khanewal, Bahawalpur

Our Ref. No. CL/CED/ 2561 Dated: 09/08/2023 <u>Test Specification</u>

Your Ref. No. PCS/23/Eng-84-A Dated: 24/7/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/7/2023 Tested on: 08/08/2023 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Ground Floor Slab (1:2:4)	22	6	2023	6Diax12		13	28.28	35	2772		Non Engraved
2												
3												
4												
5										1		
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16										-		

Witnessed by:

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- 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

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> 5598 Dr. Aqsa

To: Mr. Muhammad Saleem

G.M., Professional Construction Services (Pvt.) Ltd

Project: Construction of TCF Secondary School Gelewal/Khanewal, Bahawalpur

Our Ref. No. CL/CED/ 2562 Dated: 09/08/2023 <u>Test Specification</u>

Your Ref. No. PCS/23/Eng-84 Dated: 24/7/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/7/2023 Tested on: 08/08/2023 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Ground Floor Slab (1:2:4)	22	6	2023	6Diax12		12	28.28	36	2851		Non Engraved
2												
3												
4												
5										1		
6												
7												
8												
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10												
11												
12												
13												
14												
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16												

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- 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

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> 5598 Dr. Aqsa

Test Specification

(ASTM C39)

To: Mr. Muhammad Saleem

G.M., Professional Construction Services (Pvt.) Ltd

Project: Construction of SICAS (G.F) Johar Town, Lahore.

Our Ref. No. CL/CED/ 2563 Dated: 09/08/2023

Your Ref. No. PCS/23/Eng-85 Dated: 24/7/2023

COMPRESSION TEST REPORT

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

Specimens received on: 24/7/2023 Tested on: 08/08/2023 in dry/wet condition



Mark*				Size	Wet Weight	Dry Weight		load	Stress	Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	On (%)	
Columns (1:1.5:3)	14	7	2023	6Diax12		14	28.28	62	4911		Non Engraved
Columns (1:1.5:3)	14	7	2023	6Diax12		14	28.28	61	4832		Non Engraved
									-		
	Columns (1:1.5:3) Columns (1:1.5:3)	Mark* DD Columns (1:1.5:3) 14 Columns (1:1.5:3) 14	Mark* Columns (1:1.5:3) 14 7 Columns (1:1.5:3) 14 7	DD MM YYYY Columns (1:1.5:3) 14 7 2023 </td <td>Mark* DD MM YYYY (in) Columns (1:1.5:3) 14 7 2023 6Diax12 </td> <td>Mark* DD MM YYYY (in) (Kg/gms) </td> <td>Mark* Casting Date* Size Weight Weight Columns (1:1.5:3) 14 7 2023 6Diax12 14 Columns (1:1.5:3) 14 7 2023 6Diax12 14 </td> <td>Mark* Casting Date* Size Weight (Kg/ gms) Weight (Kg/ gms) X-Section (Sq. in) Columns (1:1.5:3) 14 7 2023 6Diax12 14 28.28 Columns (1:1.5:3) 14 7 2023 6Diax12 14 28.28 <</td> <td>Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons) </td> <td>Mark* Casting Date* Size Weight Weight X-Section load Stress (Kg/ gms) (Imp.Tons) (psi) </td> <td>Mark* Casting Date* DD MM YYYY Size weight (in) (Kg/gms) (Kg/gms) (Kg/gms) (Kg/gms) (Sq. in) (Imp.Tons) (psi) Veight (Mg/gms) (Kg/gms) (Sq. in) (Imp.Tons) (psi) Verses Absorption (%) (Sq. in) (Imp.Tons) (psi) Verses Absorption (Sq. in) (Imp.Tons) (psi) Ve</td>	Mark* DD MM YYYY (in) Columns (1:1.5:3) 14 7 2023 6Diax12	Mark* DD MM YYYY (in) (Kg/gms)	Mark* Casting Date* Size Weight Weight Columns (1:1.5:3) 14 7 2023 6Diax12 14 Columns (1:1.5:3) 14 7 2023 6Diax12 14	Mark* Casting Date* Size Weight (Kg/ gms) Weight (Kg/ gms) X-Section (Sq. in) Columns (1:1.5:3) 14 7 2023 6Diax12 14 28.28 Columns (1:1.5:3) 14 7 2023 6Diax12 14 28.28 <	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons)	Mark* Casting Date* Size Weight Weight X-Section load Stress (Kg/ gms) (Imp.Tons) (psi)	Mark* Casting Date* DD MM YYYY Size weight (in) (Kg/gms) (Kg/gms) (Kg/gms) (Kg/gms) (Sq. in) (Imp.Tons) (psi) Veight (Mg/gms) (Kg/gms) (Sq. in) (Imp.Tons) (psi) Verses Absorption (%) (Sq. in) (Imp.Tons) (psi) Verses Absorption (Sq. in) (Imp.Tons) (psi) Ve

Witnessed by:

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> 5643 Dr. Aqsa

Test Specification

To: Mr. M. Usman Meer

For SINACO Engineers (Pvt) Limited

Project: Construction of National Foods Galaxy Project at FIEDMC, Sahianwala, Faisalabad.

Our Ref. No. CL/CED/ 2564 Dated: 09/08/2023

Your Ref. No. 00353-2023 Dated: 01/08/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 01/8/2023 Tested on: 08/08/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Mezzanine Floor (Roof Slab)- 3 Ksi	25	6	2023	6Diax12		13	28.28	62	4911		Non Engraved
2	Mezzanine Floor (Roof Slab)- 3 Ksi	25	6	2023	6Diax12		14	28.28	77	6099		Non Engraved
3	Mezzanine Floor (Roof Slab)- 3 Ksi	25	6	2023	6Diax12		14	28.28	72	5703		Non Engraved
4	Mezz.Floor (Roof Beam & Slab) 3Ksi	10	7	2023	6Diax12		13.2	28.28	37	2931		Non Engraved
5	Mezz.Floor (Roof Beam & Slab) 3Ksi	10	7	2023	6Diax12		13.2	28.28	38	3010		Non Engraved
6	Mezz.Floor (Roof Beam & Slab) 3Ksi	14	7	2023	6Diax12		14	28.28	45	3564		Non Engraved
7	Mezz.Floor (Roof Beam & Slab) 3Ksi	14	7	2023	6Diax12		13.2	28.28	40	3168		Non Engraved
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9												
10												
11										-		
12												
13												
14												
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Witness	and by:					•		•	•			

Witnessed 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
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5648 Dr. M. Mazhar

Test Specification

To: Mr. Muhammad Javed

Resident Engineer, MASCON Associates (Pvt) Ltd & HA Consulting

Project: Construction of Medical Store Depot, Gurumangat Road Lahore

Our Ref. No. CL/CED/ 2565 Dated: 09/08/2023

Your Ref. No. HA-MAS/RE/MSD/05 Dated: 18/7/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 2/8/2023 Tested on: 09/08/2023 in dry/wet condition



Mark*				Size	Wet Weight	Dry Weight		load	Stress	Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
MSD-2 Columns	8	4	2023	6Diax12		14	28.28	77	6099		Non Engraved
MSD-2 Columns	8	4	2023	6Diax12		14	28.28	86	6812		Non Engraved
MSD-2 Columns	8	4	2023	6Diax12		13.6	28.28	69	5465		Non Engraved
									-		
									-		
	MSD-2 Columns MSD-2 Columns MSD-2 Columns	Mark* DD MSD-2 Columns 8 MSD-2 Columns 8	Mark* DD MM MSD-2 Columns 8 4 MSD-2 Columns 8 4 MSD-2 Columns 8 4	MSD-2 Columns 8 4 2023 MSD-2 Columns 8 4 2023 MSD-2 Columns 8 4 2023	Mark* DD MM YYYY (in) MSD-2 Columns 8 4 2023 6Diax12 MSD-2 Columns 8 4 2023 6Diax12	Mark* Casting Date* Size Weight DD MM YYYY (in) (Kg/gms) MSD-2 Columns 8 4 2023 6Diax12 MSD-2 Columns 8 4 2023 6Diax12	Mark* Casting Date Size Weight (Kg/ gms) (Kg/ gms) Weight (Kg/ gms) MSD-2 Columns 8 4 2023 6Diax12 14 MSD-2 Columns 8 4 2023 6Diax12 14 MSD-2 Columns 8 4 2023 6Diax12 13.6	Mark* Casting Date* Size Weight (Kg/ gms) Weight (Kg/ gms) X-Section (Sq. in) MSD-2 Columns 8 4 2023 6Diax12 14 28.28 MSD-2 Columns 8 4 2023 6Diax12 13.6 28.28 MSD-2 Columns 8 4 2023 6Diax12 13.6 28.28 <t< td=""><td>Mark* Casting Date* Size Weight (Kg/ gms) X-Section (Sq. in) load (Imp.Tons) MSD-2 Columns 8 4 2023 6Diax12 14 28.28 77 MSD-2 Columns 8 4 2023 6Diax12 14 28.28 86 MSD-2 Columns 8 4 2023 6Diax12 13.6 28.28 69 </td><td>Mark* Casting Date* DD MM YYYY Size (in) Weight (Kg/ gms) X-Section (Sq. in) load (Imp.Tons) Stress (psi) MSD-2 Columns 8 4 2023 6Diax12 14 28.28 77 6099 MSD-2 Columns 8 4 2023 6Diax12 14 28.28 86 6812 MSD-2 Columns 8 4 2023 6Diax12 13.6 28.28 69 5465 </td><td>Mark* Casting Date* Size Date* Weight Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) (Imp.Tons) Value of the position of the</td></t<>	Mark* Casting Date* Size Weight (Kg/ gms) X-Section (Sq. in) load (Imp.Tons) MSD-2 Columns 8 4 2023 6Diax12 14 28.28 77 MSD-2 Columns 8 4 2023 6Diax12 14 28.28 86 MSD-2 Columns 8 4 2023 6Diax12 13.6 28.28 69	Mark* Casting Date* DD MM YYYY Size (in) Weight (Kg/ gms) X-Section (Sq. in) load (Imp.Tons) Stress (psi) MSD-2 Columns 8 4 2023 6Diax12 14 28.28 77 6099 MSD-2 Columns 8 4 2023 6Diax12 14 28.28 86 6812 MSD-2 Columns 8 4 2023 6Diax12 13.6 28.28 69 5465	Mark* Casting Date* Size Date* Weight Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) (Imp.Tons) Value of the position of the

Witnessed 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

- 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.



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5648 Dr. M. Mazhar

To: Mr. Muhammad Javed

Resident Engineer, MASCON Associates (Pvt) Ltd & HA Consulting

Project: Construction of Medical Store Depot, Gurumangat Road Lahore

Our Ref. No. CL/CED/ 2566 Dated: 09/08/2023 <u>Test Specification</u>

Your Ref. No. HA-MAS/RE/MSD/08 Dated: 18/7/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 2/8/2023 Tested on: 09/08/2023 in dry/wet condition



Sr. No. Mark*				Size	Wet Weight	Dry Weight		load	Stress	Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OH (78)	
MSD-1 Columns	23	5	2023	6Diax12		13	28.28	73	5782		Non Engraved
MSD-1 Columns	23	5	2023	6Diax12		13.2	28.28	71	5624		Non Engraved
MSD-1 Columns	23	5	2023	6Diax12		13.6	28.28	79	6257		Non Engraved
	MSD-1 Columns MSD-1 Columns MSD-1 Columns	Mark* DD MSD-1 Columns 23 MSD-1 Columns 23	Mark* DD MM MSD-1 Columns 23 5 MSD-1 Columns 23 5 MSD-1 Columns 23 5	MSD-1 Columns 23 5 2023 MSD-1 Columns 23 5 2023 MSD-1 Columns 23 5 2023	MSD-1 Columns 23 5 2023 6Diax12 MSD-1 Columns 23 5 2023 6Diax12 MSD-1 Columns 23 5 2023 6Diax12	Mark* Casting Date* Size Weight	Mark* Casting Date Size Weight (Kg/ gms) (Kg/ gms) Weight (Kg/ gms) MSD-1 Columns 23 5 2023 6Diax12 13 MSD-1 Columns 23 5 2023 6Diax12 13.6 -	Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) MSD-1 Columns 23 5 2023 6Diax12 13 28.28 MSD-1 Columns 23 5 2023 6Diax12 13.6 28.28 MSD-1 Columns 23 5 2023 6Diax12 13.6 28.28 <	Mark* Casting Date* Size Weight (Kg/ gms) X-Section (Sq. in) load (Imp.Tons) MSD-1 Columns 23 5 2023 6Diax12 13 28.28 73 MSD-1 Columns 23 5 2023 6Diax12 13.2 28.28 71 MSD-1 Columns 23 5 2023 6Diax12 13.6 28.28 79	Mark* Casting Date* DD MM YYYY Size DD MM YYYY Weight (Kg/ gms) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons) (psi) X-Section (Imp.Tons) (psi) Stress (psi) MSD-1 Columns 23 5 2023 6Diax12 13.2 28.28 73 5782 MSD-1 Columns 23 5 2023 6Diax12 13.6 28.28 79 6257	Mark* Casting Date* DD MM YYYY Size (in) (kg/gms) Weight (kg/gms) X-Section (sq. in) (lmp.Tons) Value Absorption (%) on (%) MSD-1 Columns 23 5 2023 6Diax12 13 28.28 73 5782 MSD-1 Columns 23 5 2023 6Diax12 13.6 28.28 71 5624 MSD-1 Columns 23 5 2023 6Diax12 13.6 28.28 79 6257

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5648 Dr. M. Mazhar

To: Mr. Muhammad Javed

Resident Engineer, MASCON Associates (Pvt) Ltd & HA Consulting

Project: Construction of Medical Store Depot, Gurumangat Road Lahore

Our Ref. No. CL/CED/ 2567 Dated: 09/08/2023 <u>Test Specification</u>

Your Ref. No. HA-MAS/RE/MSD/09 Dated: 18/7/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 2/8/2023 Tested on: 09/08/2023 in dry/wet condition



Sr. No.	Mark*		_	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	(/)	
1	Equipment Store First Floor Slab	27	5	2023	6Diax12		13.8	28.28	67	5307		Non Engraved
2	Equipment Store First Floor Slab	27	5	2023	6Diax12		13.2	28.28	63	4990		Non Engraved
3	Equipment Store First Floor Slab	27	5	2023	6Diax12		13.2	28.28	51	4040		Non Engraved
4					1					-		
5					1					-		
6												
7												
8												
9												
10												
11												
12												
13												
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16										-		

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Resident Engineer, MASCON Associates (Pvt) Ltd & HA Consulting

Project: Construction of Medical Store Depot, Gurumangat Road Lahore

Our Ref. No. CL/CED/ 2568 Dated: 09/08/2023 <u>Test Specification</u>

Your Ref. No. HA-MAS/RE/MSD/10 Dated: 19/07/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 2/8/2023 Tested on: 09/08/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Equip. Store 1st Fl. To 2nd Fl. Col.	31	5	2023	6Diax12		13.4	28.28	71	5624		Non Engraved
2	Equip. Store 1st FI. To 2nd FI. Col.	31	5	2023	6Diax12		13.8	28.28	81	6416		Non Engraved
3	Equip. Store 1st FI. To 2nd FI. Col.	31	5	2023	6Diax12		14	28.28	73	5782		Non Engraved
4												
5												
6												
7												
8												
9												
10										-		
11										-		
12												
13										-		
14												
15												
16												

Witnessed 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

- 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.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 ORIGINAL

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

5592 Dr. M. Mazhar

To: Engr. Tanveer Afzal

General Manager- Blue Bricks, Blue Town Sapphire Lahore

Project: Construction of Blue Town Sapphire Housing Scheme Lahore

Our Ref. No. CL/CED/ 2569 Dated: 09/08/2023 <u>Test Specification</u>

Your Ref. No. BTS/Lab/00103 Dated: 22/7/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/7/2023 Tested on: 09/08/2023 in dry/wet condition



Sr. No.	Mark*		_	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Footing Col. Left/s (4000 Psi)	24	6	2023	6Diax12		13.2	28.28	73	5782		Engraved
2	Footing Col. Left/s (4000 Psi)	24	6	2023	6Diax12		13	28.28	71	5624		Engraved
3	1st Floor Slab (3000 Psi)	24	6	2023	6Diax12		13.4	28.28	35	2772		Engraved
4	1st Floor Slab (3000 Psi)	24	6	2023	6Diax12		13.2	28.28	41	3248		Engraved
5												
6												
7												
8											-	
9											-	
10											-	
11											-	
12											-	
13												
14												
15												
16												

Witnessed 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

- 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.



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

5678 Dr. M. Mazhar

Test Specification

To: Mr. Muhammad Yousaf

Qunatity Surveyor, Professional Construction Services (Pvt.) Ltd

Project: Construction of Allied Bank D.R. Center Faisalabad

Our Ref. No. CL/CED/ 2570 Dated: 09/08/2023

Your Ref. No. PCS/23/Eng/98 Dated: 07/08/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08/08/2023 Tested on: 09/08/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	ing Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Basement Raft	4	6	2023	6Diax12		14	28.28	69	5465		Non Engraved
2										-		
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16										-		

Witnessed 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

- 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.



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

5678 Dr. M. Mazhar

Test Specification

To: Mr. Muhammad Yousaf

Qunatity Surveyor, Professional Construction Services (Pvt.) Ltd

Project: Construction of Allied Bank D.R. Center Faisalabad

Our Ref. No. CL/CED/ 2571 Dated: 09/08/2023

Your Ref. No. PCS/23/Eng/99 Dated: 07/08/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08/08/2023 Tested on: 08/09/2023 in dry/wet condition



Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load		vvalei	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)				on (%)	
Basement Raft	4	6	2023	6Diax12		14	28.28	94	7446		Non Engraved
	Basement Raft	Mark* DD Basement Raft 4	Mark* DD MM Basement Raft 4 6	DD MM YYYY Basement Raft	Mark* DD MM YYYY (in) Basement Raft	Mark* DD MM YYYY (in) (Kg/gms) Basement Raft	Mark* Casting Date* Size Weight Weight DD MM YYYY (in) (Kg/ gms) (Kg/ gms) Basement Raft 4 6 2023 6Diax12 14	Mark*	Mark* Casting Date* Size Weight Weight Weight DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons)	Mark*	Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Ioad (Imp.Tons)) Stress Absorption (%) Basement Raft 4 6 2023 6Diax12 14 28.28 94 7446 <

Witnessed 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

- 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.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 ORIGINAL

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

5682 Dr. M. Mazhar

Test Specification

To: Mr. Abdul Karim Tahir

Head Coordination and Development, Adabistan-e-Soophia School

Project: Nil

Our Ref. No. CL/CED/ 2572-1 of 2 Dated: 09/08/2023

Your Ref. No. AES/23/16276 Dated: 07/08/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 08/08/2023 Tested on: 09/08/2023 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	· · · (/o/	
1		12	7	2023	6x6x6		8	36	41	2551		Non Engraved
2		12	7	2023	6x6x6		8	36	45	2800		Non Engraved
3		12	7	2023	6x6x6		8	36	41	2551		Non Engraved
4				-						-		
5				-						-		
6				-						-		
7				-						-		
8												
9				-						1		
10												
11				-								
12				-						1		
13												
14												
15												
16										-		

Witnessed 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

- 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.



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

> 5533 Dr. Aqsa

Test Specification

To: H.M. Ahsan Saif

Resident Engineer, The Engineer Representative (VELOSI), AIOU Sahiwal

Project: Construction of AIOU Regional Campus Sahiwal

Our Ref. No. CL/CED/ 2573 Dated: 09/08/2023

Your Ref. No. VISP/135/AIOU/SWL/018 Dated: 10/07/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13/7/2023 Tested on: 08/08/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Column 5000 Psi (1:1:2)	28	5	2023	6x6x6		8	36	86	5351		Non Engraved
2	Column 5000 Psi (1:1:2)	28	5	2023	6x6x6		8	36	65	4044		Engraved
3	Column 5000 Psi (1:1:2)	28	5	2023	6x6x6		8	36	37	2302		Non Engraved
4												
5												
6												
7												
8										1		
9												
10												
11												
12												
13												
14												
15												
16										-		
Witness		•						•				

Witnessed 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

- 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.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 ORIGINAL

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

> 5533 Dr. Aqsa

Test Specification

To: H.M. Ahsan Saif

Resident Engineer, The Engineer Representative (VELOSI), AIOU Sahiwal

Project: Construction of AIOU Regional Campus Sahiwal

Our Ref. No. CL/CED/ 2574 Dated: 09/08/2023

Your Ref. No. VISP/135/AIOU/SWL/017 Dated: 07/07/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13/7/2023 Tested on: 08/08/2023 in dry/wet condition



Sr. No. Mark*		ung	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
Slab 3750 Psi (1:1.5:3)	17	6	2023	6x6x6		8.2	36	76	4729		Engraved
	17	6	2023	6x6x6		8.6	36	70	4356		Engraved
Slab 3750 Psi (1:1.5:3)	17	6	2023	6x6x6		8.6	36	84	5227		Engraved
		H									
									-		
	Slab 3750 Psi (1:1.5:3) Slab 3750 Psi (1:1.5:3) 	(1:1.5:3) Slab 3750 Psi (1:1.5:3) Slab 3750 Psi (1:1.5:3)	(1:1.5:3) Slab 3750 Psi (1:1.5:3) Slab 3750 Psi (1:1.5:3)	(1:1.5:3) Slab 3750 Psi (1:1.5:3) Slab 3750 Psi (1:1.5:3)	(1:1.5:3) Slab 3750 Psi (1:1.5:3) Slab 3750 Psi (1:1.5:3) 17 6 2023 6x6x6	(1:1.5:3) 17 6 2023 6x6x6	(1:1.5:3) 17 6 2023 6x6x6 8.6	Carlot C	Cli.1.5.3 Slab 3750 Psi	Slab 3750 Psi	(1:1.5:3)

Witnessed 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

- 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.



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

> 5656 Dr. Aqsa

Test Specification

To: Engr. Ali Aqdas Baloch

Deputy Manager (Civil), Zero Carbon (Solar) Pvt. Limited

Project: Installation of 792 KW Solar Plant at Aitchison College Lahore (P-1 Solar Structure Foundation)

Our Ref. No. CL/CED/ 2575 Dated: 09/08/2023

Your Ref. No. ZC/UET/92 Dated: 03/08/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 Tested on: 08/08/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	3000 Psi (1:2:4)	16	7	2023	6x6x6		7.2	36	42	2613		Non Engraved
2	3000 Psi (1:2:4)	16	7	2023	6x6x6		8	36	48	2987		Non Engraved
3	3000 Psi (1:2:4)	16	7	2023	6x6x6		7.6	36	45	2800		Non Engraved
4	3000 Psi (1:2:4)	16	7	2023	6x6x6		7.6	36	48	2987		Non Engraved
5	3000 Psi (1:2:4)	16	7	2023	6x6x6		7.6	36	52	3236		Non Engraved
6	3000 Psi (1:2:4)	16	7	2023	6x6x6		7.6	36	49	3049		Non Engraved
7												
8												
9												
10												
11												
12												
13												
14												
15												
16										-		

Witnessed 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

- 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.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 ORIGINAL

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

> 5656 Dr. Aqsa

Test Specification

To: Engr. Ali Aqdas Baloch

Deputy Manager (Civil), Zero Carbon (Solar) Pvt. Limited

Project: Installation of 792 KW Solar Plant at Aitchison College Lahore (P-1 Solar Structure Foundation)

Our Ref. No. CL/CED/ 2576 Dated: 09/08/2023

Your Ref. No. ZC/UET/92 Dated: 03/08/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 Tested on: 08/08/2023 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII (78)	
1	3000 Psi (1:2:4)	2	7	2023	6x6x6		8	36	75	4667		Non Engraved
2	3000 Psi (1:2:4)	2	7	2023	6x6x6		8	36	69	4293		Non Engraved
3	3000 Psi (1:2:4)	2	7	2023	6x6x6		8	36	76	4729		Non Engraved
4	3000 Psi (1:2:4)	2	7	2023	6x6x6		8.2	36	84	5227		Non Engraved
5	3000 Psi (1:2:4)	2	7	2023	6x6x6		8	36	61	3796		Non Engraved
6	3000 Psi (1:2:4)	2	7	2023	6x6x6		8.4	36	76	4729		Non Engraved
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												

Witnessed 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

- 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.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 ORIGINAL

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

> 5656 Dr. Aqsa

Test Specification

To: Engr. Ali Aqdas Baloch

Deputy Manager (Civil), Zero Carbon (Solar) Pvt. Limited

Project: Installation of 300 KW Solar Plant at Al Mukhtar House Fatima Group. (P-1 Raised Structure

Foundation)

Our Ref. No. CL/CED/ 2577 Dated: 09/08/2023

Your Ref. No. ZC/UET/92 Dated: 03/08/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 Tested on: 08/08/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	3000 Psi (1:2:3)	18	7	2023	6x6x6		7.8	36	51	3173		Non Engraved
2	3000 Psi (1:2:3)	18	7	2023	6x6x6		7.8	36	56	3484		Non Engraved
3	3000 Psi (1:2:3)	18	7	2023	6x6x6		8	36	57	3547		Non Engraved
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16										-		

Witnessed 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

- 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.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 ORIGINAL

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

5660 Dr. M. Yousaf

To: Mr. Sadat Waleed Ansari

Team Leader, JERS Consultancy (Pvt) Ltd

Project: Punjab Cities Program (PCP)-PMDFC, Improvement & Rehabilitation of Govt. Colony Park and Fatima

Jinnah Park, MC Okara. (Contractor: M/s Sajjad Pvt. Ltd.)

Our Ref. No. CL/CED/ 2578 Dated: 09/08/2023 Test Specification

Your Ref. No. 488-J01-04/1-CS/P07 Dated: 02/07/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 Tested on: 09/08/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Uni-Block, Grey, 60mm				2.3 thick		3475	37.44	101	6043		OKR-GCP, No.1
2	Uni-Block, Red, 60mm				2.3 thick		3360	37.44	129	7718		OKR-GCP, No.1
3	Uni-Block, Red, 60mm				2.3 thick		3345	37.44	132	7897		OKR-GCP, No.1
4												
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11												
12												
13												
14												
15												
16												

Witnessed by: Mr. Sadat Waleed, CRE/TL JERS Consultancy (Pvt) Ltd.; CNIC 36302-0448706-9

- 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

- 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.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 **ORIGINAL**

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

5660 Dr. M. Yousaf

To: Mr. Sadat Waleed Ansari

Team Leader, JERS Consultancy (Pvt) Ltd

Project: Punjab Cities Program (PCP)-PMDFC, Construction of SWM Parking Shed in MC Okara. (Contractor:

M/S Adnan Construction Company)

Our Ref. No. CL/CED/ 2579 Dated: 09/08/2023 <u>Test Specification</u>

Your Ref. No. 488-J01-04/1-CS/11 Dated: 02/07/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 Tested on: 09/08/2023 in dry/wet condition



Sr. No.	Mark*	Cas		Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII (%)	
1	Uni-Block, Grey, 80mm				3.2 thick		4775	37.44	124	7419		OKR-P.S, No.2
2	Uni-Block, Red, 80mm				3.2 thick		4500	37.44	110	6581		OKR-P.S, No.2
3	Uni-Block, Red, 80mm				3.2 thick		4315	37.44	59	3530		OKR-P.S, No.2
4												
5												
6												
7										1		
8										1		
9										1		
10										1		
11										1		
12												
13										1		
14												
15												
16												

Witnessed by: Mr. Sadat Waleed, CRE/TL JERS Consultancy (Pvt) Ltd.; CNIC 363020448706-9

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

- 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.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 **ORIGINAL**

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

5660 Dr. M. Yousaf

To: Mr. Sadat Waleed Ansari

Team Leader, JERS Consultancy (Pvt) Ltd

Project: Punjab Cities Program (PCP)-PMDFC, Improvement and Construction of Chowks in Kamalia City, MC

Kamalia. (M/s Subhan Construction Company)

Our Ref. No. CL/CED/ 2580 Dated: 09/08/2023 <u>Test Specification</u>

Your Ref. No. 488-J01-03/CS/12 Dated: 02/07/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 Tested on: 09/08/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Uni-Block, Red, 80mm				3.1 thick		4005	37.44	49	2932		KML- P. CWK, No.3
2	Uni-Block, Red, 80mm				3.1 thick		4045	37.44	42	2513		KML- P. CWK, No.3
3	Uni-Block, Grey, 80mm				3.1 thick		4260	37.44	47	2812		KML- P. CWK, No.3
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12										1		
13												
14												
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16												

Witnessed by: Mr. Sadat Waleed, CRE/TL JERS Consultancy (Pvt) Ltd.; CNIC 363020448706-99

- 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

- 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.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

5660 Dr. M. Yousaf

To: Mr. Sadat Waleed Ansari

Team Leader, JERS Consultancy (Pvt) Ltd

Project: Punjab Cities Program (PCP)- PMDFC, Improvement and Rehabilitation of P4 Chemni Peer Road, MC

Gojra. (M/s Abdul Ghafoor Goheer)

Our Ref. No. CL/CED/ 2581 Dated: 09/08/2023 <u>Test Specification</u>

Your Ref. No. 488-J01-12/CS/08R Dated: 02/07/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 Tested on: 09/08/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3635	29.64	126	9522		GJR-P4, No.4
2	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3610	29.64	112	8464		GJR-P4, No.4
3	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3565	29.64	128	9673		GJR-P4, No.4
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14												
15												
16												

Witnessed by: Mr. Sadat Waleed, CRE/TL Jers Consultancy (Pvt) Ltd; CNIC 363020448706-9

- 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

- 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.



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5660 Dr. M. Yousaf

To: Mr. Sadat Waleed Ansari

Team Leader, JERS Consultancy (Pvt) Ltd

Project: Punjab Cities Program (PCP)- PMDFC, Improvement and Rehabilitation of Roads & Chowks in Gojra

City (P3) Summandri Husnia Colony, Chemni Peer Road, MC Gojra. (M/s Abdul Ghafoor Goheer)

Our Ref. No. CL/CED/ 2582 Dated: 09/08/2023

Your Ref. No. 488-J01-12/CS/07R Dated: 02/07/2023

Test Specification (----)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 Tested on: 09/08/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular, Grey, 80mm				7.8 x 3.8 x 3		3605	29.64	127	9598		GJR-P3, No.5
2	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3530	29.64	57	4308		GJR-P3, No.5
3	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3520	29.64	111	8389		GJR-P3, No.5
4												
5						RINE	RINTE					
6						READ IN	2000					
7		ł				THE NAME OF THY LORD WHO	1 (<u>) </u>	100		-		
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14												
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Witnessed by: Mr. Sadat Waleed, CRE/TL Jers Consultancy (Pvt) Ltd; CNIC 36302-0448706-9

- 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

- 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.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

5660 Dr. M. Yousaf

Test Specification

(----)

To: Mr. Sadat Waleed Ansari

Team Leader, JERS Consultancy (Pvt) Ltd

Project: Punjab Cities Program (PCP)- PMDFC, Widening & Improvement of Stadium Road and Jaswant Nagar

Chowk to SP Chowk to Underpass Road, MC Khanewal. (M/s Abdul Hamid Ghouri & Co.)

Our Ref. No. CL/CED/ 2583 Dated: 09/08/2023

Your Ref. No. 488-J01-16/CS/12 Dated: 02/07/2023

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 Tested on: 09/08/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular, Grey, 80mm				7.8 x 3.8 x 3		3545	29.64	91	6877		KWL-RD, No.6
2	Rectangular, Grey, 80mm				7.8 x 3.8 x 3		3485	29.64	69	5215		KWL-RD, No.6
3	Rectangular, Red, 80mm				7.8 x 3.8 x 3		3485	29.64	69	5215		KWL-RD, No.6
4												
5						CINE	RINE					
6						READ IN	2000					
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11												
12												
13		-										
14		-										
15												
16												

Witnessed by: Mr. Sadat Waleed, CRE/TL Jers Consultancy (Pvt) Ltd; CNIC 36302-0448706-9

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

- 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.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

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

5660 Dr. M. Yousaf

(----)

To: Mr. Sadat Waleed Ansari

Team Leader, JERS Consultancy (Pvt) Ltd

Project: Punjab Cities Program (PCP)- PMDFC, Providing and Laying of Tuff Pavers in Streets of MC Jhang.

(M/s Shad Construction & Co.)

Our Ref. No. CL/CED/ 2584 Dated: 09/08/2023 <u>Test Specification</u>

Your Ref. No. 488-J01-01/CS/04 Dated: 02/07/2023

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 Tested on: 09/08/2023 in dry/wet condition



Sr. No.	No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular, Grey, 80mm				7.8 x 3.8 x 3		3725	29.64	99	7482		JHG-T.P, No.7
2	Rectangular, Grey, 80mm				7.8 x 3.8 x 3		3605	29.64	105	7935		JHG-T.P, No.7
3	Rectangular, Red, 80mm				7.8 x 3.8 x 3		3735	29.64	111	8389		JHG-T.P, No.7
4												
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6)		200 D					
7						THE NAME OF THY LORD WHO	(4) (4) (a				
8					es	Johnson		5 —				
9										-		
10						-LA	ORE					
11												
12												
13												
14												
15												
16												

Witnessed by: Mr. Sadat Waleed, CRE/TL Jers Consultancy (Pvt) Ltd; CNIC 36302-0448706-9

- 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

- 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.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

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

5660 Dr. M. Yousaf

(----)

To: Mr. Sadat Waled Ansari

Team Leader, JERS Consultancy (Pvt) Ltd

Project: Punjab Cities Program (PCP)- PMDFC, Improvement & Rehabilitation of Roads & Chowks in MC

Jaranwala. (M/s Abdul Ghafoor Goheer)

Our Ref. No. CL/CED/ 2585 Dated: 09/08/2023 <u>Test Specification</u>

Your Ref. No. 488-J01-11/CS/04 Dated: 02/07/2023

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 Tested on: 09/08/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1		3655	29.64	80	6046		JRW, No.8
2	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1		3550	29.64	71	5366		JRW, No.8
3	Rectangular, Grey, 80mm	-			7.8 x 3.8 x 3.1		3600	29.64	107	8086		JRW, No.8
4												
5						RINE	RINA					
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7						THE NAME OF THY LORD WHO	\(\frac{1}{2}\)	3				
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15		-										
16												

Witnessed by: Mr. Sadat Waleed, CRE/TL Jers Consultancy (Pvt) Ltd; CNIC 36302-0448706-9

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

- 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.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 **ORIGINAL**

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

> 5623 Dr. Aqsa

To: **Assistant Director (Technical)**

Anti-Corruption Establishment, Multan Region, Multan

Project: Test Reports Regarding CC No. 491/2023

Our Ref. No. CL/CED/ 2586-1 of 2 Dated: 09/08/2023

Your Ref. No. ACE.MR-(CC#491)/2023 5096 Dated: **Test Specification** (----)

COMPRESSION TEST REPORT

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

26/07/2023 Tested on: Specimens received on:

08/08/2023 in dry/wet condition

25/7/2023



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Bricks Edg. Mark "11" RD 604+00				8.5 x 4.2 x 2.6	2910	2690	35.7	38	2384	8.18	Machine Made Used Sample
2	Bricks Edg. Mark "11" RD 604+00				8.5 x 4.2 x 2.8	3010	2695	35.7	31	1945	11.69	Machine Made Used Sample
3												
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5						CINE	RINA					
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7						THE NAME OF THY LORD WHO	<u>ر</u> <u>در چی ا</u> استار خاک	=				
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16												

Witnessed 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 comprerssive strength

- 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.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

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

> 5623 Dr. Aqsa

Test Specification

(----)

To: Assistant Director (Technical)

Anti-Corruption Establishment, Multan Region, Multan

Project: Test Reports Regarding CC No. 491/2023

Our Ref. No. CL/CED/ 2586-2 of 2 Dated: 09/08/2023

Your Ref. No. ACE.MR-(CC#491)/2023 5096 Dated: 25/7/2023

COMPRESSION TEST REPORT

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

Specimens received on: 26/07/2023 Tested on: 08/08/2023 in dry/wet condition



			Date*	Size	Wet Weight	Dry Weight	X-Section		Ultimate Stress	Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
Rect. Grey, 80mm, RD 18+00				7.8 x 3.8 x 3.1		3735	29.64	93	7028		Used Sample
RD 18+00		-		7.8 x 3.8 x 3.1		3790	29.64	85	6424		Used Sample
RD 18+00				7.8 x 3.8 x 3.1		3785	29.64	94	7104		Used Sample
RD 18+00				7.8 x 3.8 x 3.1		3675	29.64	90	6802		Used Sample
Rect. Grey, 80mm, RD 18+00				7.8 x 3.8 x 3.1	RINE	3810	29.64	88	6650		Used Sample
					READ IN	21011					
					THE NAME OF THY LORD WHO	<u></u> رغ الدي فله					
				00	Johnson						
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	RD 18+00 Rect. Grey, 80mm,	RD 18+00 Rect. Grey, 80mm, RD 18+00 Rect. Grey, 80mm, RD 18+00 Rect. Grey, 80mm, RD 18+00	RD 18+00 Rect. Grey, 80mm, RD 18+00 Rect. Grey, 80mm, RD 18+00 Rect. Grey, 80mm, RD 18+00	RD 18+00 Rect. Grey, 80mm, RD 18+00 Rect. Grey, 80mm, RD 18+00 Rect. Grey, 80mm, RD 18+00	RD 18+00 Rect. Grey, 80mm, RD 18+00	RD 18+00 Rect. Grey, 80mm, RD 18+00	RD 18+00 Rect. Grey, 80mm, RD 18+00 Rect. Grey,	RD 18+00 Rect. Grey, 80mm, RD 18+00 Rect. Grey,	RD 18+00	RD 18+00	RD 18+00

Witnessed 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

- 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.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

> 5622 Dr. Aqsa

To: Assistant Director (Technical)

Anti-Corruption Establishment, Multan Region, Multan

Project: Test Reports Regarding CC No. 491/2023

Our Ref. No. CL/CED/ 2587 Dated: 09/08/2023

Your Ref. No. ACE.MR-(CC#491)/2023 5095 Dated:

Test Specification (----)

COMPRESSION TEST REPORT

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

Specimens received on: 26/7/2023 Tested on: 08/08/2023 in dry/wet condition



25/7/2023

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Bricks Mark "JB" RD=313+70 (R/S)				8.5 x 4.3 x 2.8	2975	2625	36.55	36	2206	13.33	Machine Made Used Sample
2	Bricks Mark "JB" RD=313+70 (R/S)				8.6 x 4.3 x 2.7	2885	2500	36.98	32	1938	15.4	Machine Made Used Sample
3	Bricks Mark "JB" RD=313+70 (R/S)				8.7 x 4.2 x 2.7	3030	2630	36.54	32	1962	15.21	Machine Made Used Sample
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Witnessed 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

- 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.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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> 5620 Dr. Aqsa

Test Specification

To: Mr. Shahzad Muneer

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

Project: Consultancy Services for Master Planning Designing and Resident Type Supervision of the Scheme

Strengthening of University of Narowal .

Our Ref. No. CL/CED/ 2588 Dated: 09/08/2023

Your Ref. No. G3/237/RE/61 Dated: 17/7/2023 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 26/7/2023 Tested on: 08/08/2023 in dry/wet condition



Sr. No.	·. No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Z * A				8.4 x 4.1 x 2.6	2945	2560	34.44	40	2602	15.04	
2	Z * A				8.3 x 4 x 3	3200	2825	33.2	41	2766	13.27	
3	Z * A				8.5 x 4.2 x 2.7	3040	2610	35.7	41	2573	16.48	
4	Z * A				8.7 x 4.3 x 2.7	2980	2650	37.41	50	2994	12.45	
5	Z * A				8.4 x 4 x 2.8	3140	2755	33.6	40	2667	13.97	
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Witnessed by:

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$

- 1. * as engraved on the specimens (if any)
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University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 ORIGINAL

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> 5620 Dr. Aqsa

To: Mr. Shahzad Muneer

Your Ref. No.

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

G3/237/RE/60

Project: Consultancy Services for Master Planning Designing and Resident Type Supervision of the Scheme

Strengthening of University of Narowal.

Our Ref. No. CL/CED/ 2589

Dated: 09/08/2023

Test Specification
(ASTM C39)

Dated: 17/7/2023

COMPRESSION TEST REPORT

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

Specimens received on: 26/07/2023 Tested on: 08/08/2023 in dry/wet condition



Sr. No.	Mark*	Casting Date*		Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		16	6	2023	6Diax12		12.2	28.28	49	3881		Engraved
2		16	6	2023	6Diax12		12.4	28.28	36	2851		Engraved
3		16	6	2023	6Diax12		12.2	28.28	38	3010		Engraved
4					-					1		
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Witnessed by:

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

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- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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> 5637 Dr. Aqsa

To: Engr. Asghar Abbas

Resident Engineer-I, Indus Associate Consultant (JV) Mianwali.

Project: Rehabilitation and Improvement of Mianwali-Muzaffargarh Road N-130 & N-135.

Our Ref. No. CL/CED/ 2590 Dated: 09/08/2023

Your Ref. No. RE/IAC/BM/2023/263 Dated: 27/7/2023

Test Specification (----)

COMPRESSION TEST REPORT

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

Specimens received on: 31/7/2023 Tested on: 08/08/2023 in dry/wet condition



Sr. No.	Mark*	Cas		Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII (/6)	
1	Kerb Stone				5.9 x 6 x 6		7.4	35.4	55	3480		Cut Cube
2	Kerb Stone				6 x 6 x 6		8	36	51	3173		Cut Cube
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Witnessed by:

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

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University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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> 5637 Dr. Aqsa

To: Engr. Asghar Abbas

Resident Engineer-I, Indus Associate Consultant (JV) Mianwali

Project: Rehabilitation and Improvement of Mianwali- Muzaffargarh Road N-130 & N-135.

Our Ref. No. CL/CED/ 2591 Dated: 09/08/2023

Your Ref. No. RE/IAC/BM/2023/262 Dated: 27/7/2023

Test Specification (----)

COMPRESSION TEST REPORT

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

Specimens received on: 31/7/2023 Tested on: 08/08/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Kerb Stone				5.9 x 5.8 x 6		8	34.22	74	4844		Cut Cube
2	Kerb Stone		-		5.8 x 5.9 x 6		7.6	34.22	67	4386		Cut Cube
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