

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.

9082 Dr. Qasim Khan

**Test Specification** 

To: Engr. Ibtisam Azam

Project Manager (Civil Department), MAH'D ENGINEERS (PVT) LTD.

Project: Construction of A-Level School Building at PARCO Qasba Gujrat Mehmood Kot.

Our Ref. No. CL/CED/ 7655 Dated: 12/03/2025

Your Ref. No. MEL/F-24-12-0064 Dated: 11/03/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 11/03/2025 Tested on: 11/03/2025 in dry/wet condition



Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Super Structure Columns	6	2	2025	6Diax12		13.6	28.28	42	3327		Non Engraved
2	Super Structure Columns	6	2	2025	6Diax12		13.8	28.28	55	4356		Non Engraved
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5						GINE	RINE					
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10						LA	ORE					
11							-			1		
12												
13												
14												
15												
16												

#### 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)
- 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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9082 Dr. Qasim Khan

**Test Specification** 

To: Engr. Ibtisam Azam

Project Manager (Civil Department), MAH'D ENGINEERS (PVT) LTD.

Project: Construction of A-Level School Building at PARCO Qasba Gujrat Mehmood Kot.

Our Ref. No. CL/CED/ 7656 Dated: 12/03/2025

Your Ref. No. MEL/F-24-12-0063 Dated: 11/03/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 11/03/2025 Tested on: 11/03/2025 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)	OH (78)	
1	Plinth Beam	5	2	2025	6Diax12		13.4	28.28	42	3327		Non Engraved
2	Plinth Beam	5	2	2025	6Diax12		13.6	28.28	53	4198		Non Engraved
3												
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5						GINE	RINE					
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9						<b></b>		5/				
10						LA	IORE					
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Witnessed by:

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9082 Dr. Qasim Khan

**Test Specification** 

To: Engr. Ibtisam Azam

Project Manager (Civil Department), MAH'D ENGINEERS (PVT) LTD.

Project: Construction of A-Level School Building at PARCO Qasba Gujrat Mehmood Kot.

Our Ref. No. CL/CED/ 7657 Dated: 12/03/2025

Your Ref. No. MEL/F-24-12-0065 Dated: 11/03/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 11/03/2025 Tested on: 11/03/2025 in dry/wet condition



o. 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 (%)	
Columns	8	2	2025	6Diax12		13.2	28.28	54	4277		Non Engraved
Super Structure Columns	8	2	2025	6Diax12		14	28.28	55	4356		Non Engraved
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	Super Structure Columns Super Structure Columns	Nark*   DD	Mark*    DD   MM	Super Structure Columns         8         2         2025           Super Structure Columns         8         2         2025	DD   MM YYYY	Mark*   DD   MM   YYYY   (in)   (Kg/gms)	Mark*   DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms)	Mark*         Casting Date*         Size         Weight         Weight         X-Section           Super Structure Columns         8         2         2025         6Diax12          13.2         28.28           Super Structure Columns         8         2         2025         6Diax12          14         28.28	Mark*   DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms)   (Sq. in)   (Imp.Tons)	Mark*         Casting Date*         Size         Weight (Kg/ gms)         Weight (Sq. in)         X-Section load (Sq. in)         Stress (psi)           Super Structure Columns         8         2         2025         6Diax12          13.2         28.28         54         4277           Super Structure Columns         8         2         2025         6Diax12          14         28.28         55         4356	Mark*   Casting Date*   Size   Weight   Weight   Weight   Casting Date*   DD   MM YYYY   (in)   (Kg/gms)   (Kg/gms)   (Kg/gms)   (Sq. in)   (Imp.Tons)   (psi)   on (%)   (%)

Witnessed by:

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9028 Dr. M. Yousaf

( ---- )

To: Dr. Adil Khan

Resident Engineer, Construction Management Division. NESPAK (Pvt) Ltd.

Project: Infrastructure Development at CBD Walton Phase 2 & 3 (Landscape, Hardscape, Electrical and Allied

Works Package)

Our Ref. No. CL/CED/ 7658 Dated: 12/03/2025 Test Specification

Your Ref. No. 4700/13/DAK/02/59 Dated: 08/11/2024

### **COMPRESSION TEST REPORT**

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

Specimens received on: 04/03/2025 Tested on: 10/03/2025 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				7.8x3.8x3.1		3620	29.64	93	7028		
2	Rectangular, Grey, 80mm				7.8x3.8x3.1		3595	29.64	68	5139		
3	Rectangular, Grey, 80mm				7.8x3.8x3.1		3795	29.64	68	5139		
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10					🤇	LA	OR					
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Witnessed by: Nil

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> 9053 Dr. Aqsa

To: Noor Fatima

100-B- III Gulberg III Lahore

Project: Nil

 Our Ref. No. CL/CED/
 7659
 Dated:
 12/03/2025
 Test Specification

 Your Ref. No.
 CT/GF/07
 Dated:
 06/03/2025
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 06/03/2025 Tested on: 12/03/2025 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight	Dry 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)	(70)	
1	F3	2	2	2025	6Diax12		13.2	28.28	30	2376		Non Engraved
2	F4	2	2	2025	6Diax12		13.2	28.28	27	2139		Non Engraved
3	F5	2	2	2025	6Diax12		13	28.28	32	2535		Non Engraved
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5						GINE	RINE					
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Witnessed by:

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> 9022 Dr. Aqsa

( ASTM C39 )

To: Mr. M. Nadeem Zafar Ullah

Incharge (Civil) for Managing Director, Sui Northern Gas Pipelines Limited, Kashmir Road, Lhr

Project: Construction of Underground Water Tank for Fire Fighting at Regional Distribution Office Lahore

Our Ref. No. CL/CED/ 7660 Dated: 12/03/2025 <u>Test Specification</u>

Your Ref. No. CC/UGWT/RDO/LHR Dated: 03/03/2025

### **COMPRESSION TEST REPORT**

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

Specimens received on: 04/03/2025 Tested on: 12/03/2025 in dry/wet condition



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 (%)	
4000 Psi	23	12	2024	6Diax12		13.2	28.28	72	5703		Non Engraved
4000 Psi	23	12	2024	6Diax12		13.8	28.28	65	5149		Non Engraved
4000 Psi	23	12	2024	6Diax12		14	28.28	86	6812		Non Engraved
4000 Psi	2	1	2025	6Diax12		13.4	28.28	51	4040		Non Engraved
4000 Psi	2	1	2025	6Diax12	GINE	RI 14	28.28	60	4752		Non Engraved
4000 Psi	2	1	2025	6Diax12	READ IN	13.6	28.28	45	3564		Non Engraved
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	4000 Psi	Mark* DD 4000 Psi 23 4000 Psi 23 4000 Psi 2 4000 Psi 2 4000 Psi 2 4000 Psi 2	Mark*  DD MM  4000 Psi 23 12  4000 Psi 23 12  4000 Psi 2 1  4000 Psi 2 1  4000 Psi 2 1	DD MM YYYY  4000 Psi 23 12 2024  4000 Psi 23 12 2024  4000 Psi 2 1 2025  4000 Psi 2 1 2025  4000 Psi 2 1 2025	Mark* DD MM YYYY (in)  4000 Psi 23 12 2024 6Diax12  4000 Psi 23 12 2024 6Diax12  4000 Psi 2 1 2025 6Diax12	Mark*	Mark*         Casting Date*         Size         Weight         Weight           DD MM YYYY         (in)         (Kg/ gms)         (Kg/ gms)           4000 Psi         23         12         2024         6Diax12          13.2           4000 Psi         23         12         2024         6Diax12          14           4000 Psi         2         1         2025         6Diax12          13.4           4000 Psi         2         1         2025         6Diax12          13.6	Mark*         Casting Date*         Size         Weight         Weight         X-Section           4000 Psi         23         12         2024         6Diax12          13.2         28.28           4000 Psi         23         12         2024         6Diax12          13.8         28.28           4000 Psi         23         12         2024         6Diax12          14         28.28           4000 Psi         2         1         2025         6Diax12          13.4         28.28           4000 Psi         2         1         2025         6Diax12          13.6         28.28           4000 Psi         2         1         2025         6Diax12          13.6         28.28 <td>Mark*         Casting Date*         Size         Weight (Kg/gms)         Weight (Kg/gms)         X-Section (Ioad (Imp.Tons)           4000 Psi         23         12         2024         6Diax12          13.2         28.28         72           4000 Psi         23         12         2024         6Diax12          13.8         28.28         65           4000 Psi         2         1         2025         6Diax12          14         28.28         51           4000 Psi         2         1         2025         6Diax12          13.6         28.28         60           4000 Psi         2         1         2025         6Diax12          13.6         28.28         45                                    4000 Psi         2         1         2025         6Diax12          13.6         28.28         45              -</td> <td>Mark*         Casting Date*         Size         Weight (Kg/ gms) (Kg/ gms)         Weight (Kg/ gms) (Sq. in) (Imp.Tons)         Stress (psi)           4000 Psi         23         12         2024         6Diax12          13.2         28.28         72         5703           4000 Psi         23         12         2024         6Diax12          13.8         28.28         65         5149           4000 Psi         23         12         2024         6Diax12          14         28.28         86         6812           4000 Psi         2         1         2025         6Diax12          13.4         28.28         51         4040           4000 Psi         2         1         2025         6Diax12          13.6         28.28         45         3564   <td< td=""><td>Mark*         Casting Date*         Size         Weight (Kg/ gms)         Weight (Kg/ gms)         X-Section (Sq. in) (Imp.Tons)         Absorption (%)           4000 Psi         23         12         2024         6Diax12        </td></td<></td>	Mark*         Casting Date*         Size         Weight (Kg/gms)         Weight (Kg/gms)         X-Section (Ioad (Imp.Tons)           4000 Psi         23         12         2024         6Diax12          13.2         28.28         72           4000 Psi         23         12         2024         6Diax12          13.8         28.28         65           4000 Psi         2         1         2025         6Diax12          14         28.28         51           4000 Psi         2         1         2025         6Diax12          13.6         28.28         60           4000 Psi         2         1         2025         6Diax12          13.6         28.28         45                                    4000 Psi         2         1         2025         6Diax12          13.6         28.28         45              -	Mark*         Casting Date*         Size         Weight (Kg/ gms) (Kg/ gms)         Weight (Kg/ gms) (Sq. in) (Imp.Tons)         Stress (psi)           4000 Psi         23         12         2024         6Diax12          13.2         28.28         72         5703           4000 Psi         23         12         2024         6Diax12          13.8         28.28         65         5149           4000 Psi         23         12         2024         6Diax12          14         28.28         86         6812           4000 Psi         2         1         2025         6Diax12          13.4         28.28         51         4040           4000 Psi         2         1         2025         6Diax12          13.6         28.28         45         3564 <td< td=""><td>Mark*         Casting Date*         Size         Weight (Kg/ gms)         Weight (Kg/ gms)         X-Section (Sq. in) (Imp.Tons)         Absorption (%)           4000 Psi         23         12         2024         6Diax12        </td></td<>	Mark*         Casting Date*         Size         Weight (Kg/ gms)         Weight (Kg/ gms)         X-Section (Sq. in) (Imp.Tons)         Absorption (%)           4000 Psi         23         12         2024         6Diax12

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> 9044 Dr. Aqsa

**Test Specification** 

To: Mr. Farhan Akhtar

Director Development, Fazaia Housing Scheme, Raiwind Road, Lahore

Project: Commercial Plaza Falcon Down Town Fazaia Housing Scheme (Phase-I) Lahore

Our Ref. No. CL/CED/ 7661 Dated: 12/03/2025

Your Ref. No. FHSL/5711/1/Org Dated: 01/03/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 05/03/2025 Tested on: 12/03/2025 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	CC-48, Mezanine Fl. Col. (4500Psi)	23	2	2025	6Diax12		13	28.28	37	2931		Non Engraved
2	CC-48, Mezanine Fl. Col. (4500Psi)	23	2	2025	6Diax12		13	28.28	33	2614		Non Engraved
3	CC-48, Mezanine Fl. Col. (4500Psi)	23	2	2025	6Diax12		13	28.28	45	3564		Non Engraved
4	CC-48, Mezanine Fl. Lift (3000Psi)	23	2	2025	6Diax12		12.4	28.28	21	1663		Non Engraved
5	CC-48, Mezanine Fl. Lift (3000Psi)	23	2	2025	6Diax12	GINE	R 13	28.28	21	1663		Non Engraved
6	CC-48, Mezanine Fl. Lift (3000Psi)	23	2	2025	6Diax12	READ IN	13	28.28	22	1743		Non Engraved
7	CA-53, GF Slab (3000Psi)	23	2	2025	6Diax12	THE NAME OF THY LORD WHO	13 يا	28.28	31	2455		Non Engraved
8	CA-53, GF Slab (3000Psi)	23	2	2025	6Diax12		13	28.28	33	2614		Non Engraved
9	CA-53, GF Slab (3000Psi)	23	2	2025	6Diax12		13.2	28.28	27	2139		Non Engraved
10	CA-66, GF Column (4000Psi)	22	2	2025	6Diax12	LAI	13°	28.28	45	3564		Non Engraved
11	CA-66, GF Column (4000Psi)	22	2	2025	6Diax12		13	28.28	38	3010		Non Engraved
12	CA-66, GF Column (4000Psi)	22	2	2025	6Diax12		13	28.28	41	3248		Non Engraved
13	CA-66, GF Lift (3000Psi)	22	2	2025	6Diax12		12.6	28.28	24	1901		Non Engraved
14	CA-66, GF Lift (3000Psi)	22	2	2025	6Diax12		12.8	28.28	20	1584		Non Engraved
15	CA-66, GF Lift (3000Psi)	22	2	2025	6Diax12		12.8	28.28	24	1901		Non Engraved
16												

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> 9081 Dr. Aqsa

**Test Specification** 

To: Mr. Nouman Anwer

**Supply Chain Manager Zarea Limited** 

Project: Construction of House #103 Fazil Road Lahore Cantt

Our Ref. No. CL/CED/ 7662 Dated: 12/03/2025

Your Ref. No. Fazal/103/10/255 Dated: 10/03/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 11/03/2025 Tested on: 12/03/2025 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, 3000 Psi	8	2	2025	6Diax12		13.8	28.28	55	4356		Non Engraved
2	Footing, 3000 Psi	8	2	2025	6Diax12		13.8	28.28	55	4356		Non Engraved
3	Footing, 3000 Psi	8	2	2025	6Diax12		14	28.28	71	5624		Non Engraved
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Witnessed by:

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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.

> 9037 Dr. Aqsa

To: Resident Engineer

For M/S HA Consulting JV M/S Mascon Associates

Project: Construction of Autism School, Lahore (Ground Floor Roof Beams & Slab Concrete)

Our Ref. No. CL/CED/ 7663 Dated: 12/03/2025

Dated:

18/2/2025

Your Ref. No. HAC-MAC/24/ECAS/Lab/0014

Test Specification
( ASTM C39 )

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 05/03/2025 Tested on: 12/03/2025 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	3000 Psi	DD 20	1	YYYY 2025	(in) 6Diax12		(Kg/ gms)	(Sq. in) 28.28	(Imp.Tons) 58	(psi) 4594		Non Engraved
- 1	3000 PSI	20	1	2025	6DIAX12		14	20.20	50	4594		Non Engraved
2	3000 Psi	20	1	2025	6Diax12		14	28.28	48	3802		Non Engraved
3	3000 Psi	20	1	2025	6Diax12		14	28.28	49	3881		Non Engraved
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#### Witnessed by:

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

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

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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

**ORIGINAL** 

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

> 9037 Dr. Aqsa

**Test Specification** 

To: Resident Engineer

For M/S HA Consulting JV M/S Mascon Associates

Project: Construction of Autism School, Lahore (First Floor Roof Beams & Slab Concrete)

Our Ref. No. CL/CED/ 7664 Dated: 12/03/2025

Your Ref. No. HAC-MAC/24/ECAS/Lab/0016 Dated: 23/02/2025 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 05/03/2025 Tested on: 12/03/2025 in dry/wet condition



Sr. No.	Mark*	Cas		Date*	Size	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress	Water Absorpti on (%)	Remarks
1	3000 Psi	16	2	2025	(in) 6Diax12		(Kg/ gills)	28.28	(IIIIp. 1 Olis) 51	(psi) 4040		Non Engraved
2	3000 Psi	16	2	2025	6Diax12		14	28.28	51	4040		Non Engraved
3	3000 Psi	16	2	2025	6Diax12		14	28.28	56	4436		Non Engraved
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#### Witnessed by:

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- 1. \* as engraved on the specimens (if any)
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- 4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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



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**ORIGINAL** 

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

> 9037 Dr. Aqsa

**Test Specification** 

To: Resident Engineer

For M/S HA Consulting JV M/S Mascon Associates

Project: Construction of Autism School, Lahore (Ground Floor Roof Beams & Slab Concrete)

Our Ref. No. CL/CED/ 7665 Dated: 12/03/2025

Your Ref. No. HAC-MAC/24/ECAS/Lab/0017 Dated: 26/2/2025 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 05/03/2025 Tested on: 12/03/2025 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD		YYYY		(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		. ,	
1	3000 Psi	28	1	2025	6Diax12		14	28.28	53	4198		Non Engraved
2	3000 Psi	28	1	2025	6Diax12		14	28.28	36	2851		Non Engraved
3	3000 Psi	28	1	2025	6Diax12		14	28.28	61	4832		Non Engraved
4							-			1		
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#### Witnessed by:

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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

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



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**ORIGINAL** 

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> 9017 Dr. Aqsa

**Test Specification** 

To: Mr. Aftab Ahmad

Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7666 Dated: 12/03/2025

Your Ref. No. 4580/13/AA/01/015 Dated: 14/2/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 03/03/2025 Tested on: 12/03/2025 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	Conc.Cyl.(Pile No. 14) "C" 4000Psi	7	2	2025	6Diax12		13.6	28.28	54	4277		Non Engraved
2	Conc.Cyl.(Pile No. 14) "C" 4000Psi	7	2	2025	6Diax12		13.6	28.28	48	3802		Non Engraved
3	Conc.Cyl.(Pile No. 14) "C" 4000Psi	7	2	2025	6Diax12		13.4	28.28	27	2139		Non Engraved
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#### Witnessed by:

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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

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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

**ORIGINAL** 

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

> 9017 Dr. Aqsa

**Test Specification** 

To: Mr. Aftab Ahmad

Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7667 Dated: 12/03/2025

Your Ref. No. 4580/13/AA/01/014 Dated: 11/02/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 03/03/2025 Tested on: 12/03/2025 in dry/wet condition



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 (%)	
15) "C" 4000Psi	4	2	2025	6Diax12		14.5	28.28	47	3723		Non Engraved
15) "C" 4000Psi	4	2	2025	6Diax12		13.2	28.28	54	4277		Non Engraved
Conc.Cyl.(Pile No. 15) "C" 4000Psi	4	2	2025	6Diax12		13.8	28.28	45	3564		Non Engraved
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	Conc.Cyl.(Pile No. 15) "C" 4000Psi Conc.Cyl.(Pile No. 15) "C" 4000Psi Conc.Cyl.(Pile No. 15) "C" 4000Psi	Mark* DD  Conc.Cyl.(Pile No. 15) "C" 4000Psi 4  Conc.Cyl.(Pile No. 15) "C" 4000Psi 4  Conc.Cyl.(Pile No. 15) "C" 4000Psi	Mark*    DD   MM	DD   MM YYYY	Mark*  DD MM YYYY (in)  Conc.Cyl.(Pile No. 15) "C" 4000Psi Conc.Cyl.(Pile No. 15) "C"	Mark*    DD   MM   YYYY   (in)   (Kg/gms)	Mark*   DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms	Mark*    Casting Date*   Size   Weight   Weight   Weight   X-Section	Mark*	Mark*	Mark*   Casting Date*   Size   Weight   Weight   Weight   Weight   Weight   Conc. Cyl. (Pile No. 15) "C" 4000 Psi   Conc. Cy

Witnessed by:

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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

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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.

> 9017 Dr. Aqsa

**Test Specification** 

To: Mr. Aftab Ahmad

Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7668 Dated: 12/03/2025

Your Ref. No. 4580/13/AA/01/012 Dated: 08/02/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 03/03/2025 Tested on: 12/03/2025 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	Conc.Cyl.(Pile No. 04) "C" 4000Psi	1	2	2025	6Diax12		14	28.28	76	6020		Non Engraved
2	Conc.Cyl.(Pile No. 04) "C" 4000Psi	1	2	2025	6Diax12		14	28.28	43	3406		Non Engraved
3	Conc.Cyl.(Pile No. 04) "C" 4000Psi	1	2	2025	6Diax12		14	28.28	59	4673		Non Engraved
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#### Witnessed by:

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

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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

**ORIGINAL** 

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

> 9017 Dr. Aqsa

To: Mr. Aftab Ahmad

Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7669 Dated: 12/03/2025

 Our Ref. No. CL/CED/
 7669
 Dated:
 12/03/2025
 Test Specification

 Your Ref. No.
 4580/13/AA/01/020
 Dated:
 13/2/2025
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 03/03/2025 Tested on: 12/03/2025 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	Conc.Cyl.(Pile No. 11) "C" 4000Psi	16	1	2025	6Diax12		14	28.28	64	5069		Non Engraved
2	Conc.Cyl.(Pile No. 11) "C" 4000Psi	16	1	2025	6Diax12		13.8	28.28	54	4277		Non Engraved
3	Conc.Cyl.(Pile No. 11) "C" 4000Psi	16	1	2025	6Diax12		14	28.28	77	6099		Non Engraved
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Witnessed by:

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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

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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.

> 9017 Dr. Aqsa

To: Mr. Aftab Ahmad

Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7670 Dated: 12/03/2025 <u>Test Specification</u>

Your Ref. No. 4580/13/AA/01/021 Dated: 14/2/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 03/03/2025 Tested on: 12/03/2025 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 (76)	
1	Conc.Cyl.(Pile No. 10) "C" 4000Psi	17	1	2025	6Diax12		13.8	28.28	62	4911		Non Engraved
2	Conc.Cyl.(Pile No. 10) "C" 4000Psi	17	1	2025	6Diax12		13.6	28.28	84	6653		Non Engraved
3	Conc.Cyl.(Pile No. 10) "C" 4000Psi	17	1	2025	6Diax12		14	28.28	61	4832		Non Engraved
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#### Witnessed by:

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

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

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

> 9017 Dr. Aqsa

To: Mr. Aftab Ahmad

Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7671 Dated: 12/03/2025 <u>Test Specification</u>

Your Ref. No. 4580/13/AA/01/017 Dated: 15/2/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 03/03/2025 Tested on: 12/03/2025 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	Conc.Cyl.(Pile No. 02) "C" 4000Psi	18	1	2025	6Diax12		13.6	28.28	33	2614		Non Engraved
2	Conc.Cyl.(Pile No. 02) "C" 4000Psi	18	1	2025	6Diax12		13.8	28.28	60	4752		Non Engraved
3	Conc.Cyl.(Pile No. 02) "C" 4000Psi	18	1	2025	6Diax12		14	28.28	60	4752		Non Engraved
4												
5						RINE	RINA					
6						READ IN	200 h					
7		-				THE NAME OF THY LORD WHO		186				
8					so	Johnson				-		
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10		-				-LA	ORE					
11												
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13												
14												
15		-										
16										-		

#### 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)
- 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.

> 9017 Dr. Aqsa

**Test Specification** 

To: Mr. Aftab Ahmad

Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7672 Dated: 12/03/2025

Your Ref. No. 4580/13/AA/01/018 Dated: 15/2/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 03/03/2025 Tested on: 12/03/2025 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	Conc.Cyl.(Pile No. 08) "C" 4000Psi	18	1	2025	6Diax12		14.2	28.28	69	5465		Non Engraved
2	Conc.Cyl.(Pile No. 08) "C" 4000Psi	18	1	2025	6Diax12		14	28.28	59	4673		Non Engraved
3	Conc.Cyl.(Pile No. 08) "C" 4000Psi	18	1	2025	6Diax12		14.2	28.28	72	5703		Non Engraved
4												
5						RINE	RINA					
6						READ IN	200 h					
7			ł			THE NAME OF THY LORD WHO		100				
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10		-	-			-LA	ORL					
11												
12			ł									
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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)
- 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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- 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** 

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> 9017 Dr. Aqsa

To: Mr. Aftab Ahmad

Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7673 Dated: 12/03/2025 <u>Test Specification</u>

Your Ref. No. 4580/13/AA/01/013 Dated: 09/02/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 03/03/2025 Tested on: 12/03/2025 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	Conc.Cyl.(Pile No. 13) "C" 4000Psi	2	2	2025	6Diax12		14	28.28	66	5228		Non Engraved
2	Conc.Cyl.(Pile No. 13) "C" 4000Psi	2	2	2025	6Diax12		13.8	28.28	53	4198		Non Engraved
3	Conc.Cyl.(Pile No. 13) "C" 4000Psi	2	2	2025	6Diax12		13.4	28.28	62	4911		Non Engraved
4												
5						RINE	RINA					
6						READ IN	200 h					
7			ł			THE NAME OF THY LORD WHO		100				
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9							I	<b>S</b> /				
10						LA	ORE					
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Witnessed by:

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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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> 9017 Dr. Aqsa

**Test Specification** 

To: Mr. Aftab Ahmad

Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7674 Dated: 12/03/2025

Your Ref. No. 4580/13/AA/01/019 Dated: 12/02/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 03/03/2025 Tested on: 12/03/2025 in dry/wet condition



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 (%)	
06) "C" 4000Psi	5	2	2025	6Diax12		13.8	28.28	70	5545		Non Engraved
06) "C" 4000Psi	5	2	2025	6Diax12		14	28.28	83	6574		Non Engraved
Conc.Cyl.(Pile No. 06) "C" 4000Psi	5	2	2025	6Diax12		14	28.28	60	4752		Non Engraved
					CINE	RINA					
					READ IN	2000					
					THE NAME OF THY LORD WHO	(2) (2)	<b>3</b>				
		H		so							
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	Conc.Cyl.(Pile No. 06) "C" 4000Psi Conc.Cyl.(Pile No. 06) "C" 4000Psi Conc.Cyl.(Pile No. 06) "C" 4000Psi	Mark* DD  Conc.Cyl.(Pile No. 06) "C" 4000Psi 5  Conc.Cyl.(Pile No. 06) "C" 4000Psi 5  Conc.Cyl.(Pile No. 06) "C" 4000Psi 5	Mark*    DD   MM	DD   MM YYYY	Mark*  DD MM YYYY  (in)  Conc.Cyl.(Pile No. 06) "C" 4000Psi 5 2 2025 6Diax12  Conc.Cyl.(Pile No. 06) "C" 4000Psi 5 2 2025 6Diax12  Conc.Cyl.(Pile No. 06) "C" 4000Psi 5 2 2025 6Diax12	Mark*    DD   MM   YYYY   (in)   (Kg/gms)	Mark*   DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms)	Mark*	Mark*	Mark*	Mark*   Casting Date*   Size   Weight   Weight   Weight   Weight   Weight   Weight   X-Section   load   Stress   Absorption (%)

#### Witnessed by:

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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.

> 9017 Dr. Aqsa

**Test Specification** 

To: Mr. Aftab Ahmad

Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7675 Dated: 12/03/2025

Your Ref. No. 4580/13/AA/01/016 Dated: 15/02/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 03/03/2025 Tested on: 12/03/2025 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	Conc.Cyl.(Pile No. 05) "C" 4000Psi	8	2	2025	6Diax12		13.6	28.28	53	4198		Non Engraved
2	Conc.Cyl.(Pile No. 05) "C" 4000Psi	8	2	2025	6Diax12		14.2	28.28	68	5386		Non Engraved
3	Conc.Cyl.(Pile No. 05) "C" 4000Psi	8	2	2025	6Diax12		14	28.28	77	6099		Non Engraved
4												
5		ł				RINE	RINE			1		
6		ł				READ IN	200			1		
7						THE NAME OF THY LORD WHO	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	<b>3</b>				
8					80			Ha				
9								<b>5</b> /				
10						"- /A	ORE					
11		ł					-			1		
12		ł								1		
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#### Witnessed by:

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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.

> 9017 Dr. Aqsa

To: Mr. Aftab Ahmad

Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7676 Dated: 12/03/2025 <u>Test Specification</u>

Your Ref. No. 4580/13/AA/01/011 Dated: 07/02/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 03/03/2025 Tested on: 12/03/2025 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	Conc.Cyl.(Pile No. 12) "C" 4000Psi	31	1	2025	6Diax12		14	28.28	69	5465		Non Engraved
2	Conc.Cyl.(Pile No. 12) "C" 4000Psi	31	1	2025	6Diax12		14	28.28	67	5307		Non Engraved
3	Conc.Cyl.(Pile No. 12) "C" 4000Psi	31	1	2025	6Diax12		14	28.28	64	5069		Non Engraved
4												
5						A CTINE	RINA					
6						READ IN	2001					
7						THE NAME OF THY LORD WHO	\(\frac{1}{2}\)					
8					80			H/n				
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#### Witnessed by:

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

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

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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

**ORIGINAL** 

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9000 Engr. Usman Ali

To: Mr. Abid Azim

Resident Engineer, Highways & Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation / Improvement of Street Pavement, Sewerage / Drainage Chaman Colony, Sattar Colony, Chimbay Wala Khoo, Mohallah Achar Wali Factory, Shahdara UC 04 & 05, Ravi Zone MCL.

Dated:

25/02/2025

Our Ref. No. CL/CED/ 7677-1 of 2 Dated: 12/03/2025

Your Ref. No. 4084/103/LDP/Ravi/04/222

**Test Specification** 

(BS 6717)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 27/02/2025 Tested on: 12/03/2025 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	ł			7.8 x 3.8 x 3.1		3720	29.64	77	5819		6866
2	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3870	29.64	74	5592		6599
3	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3765	29.64	74	5592		6599
4	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3615	29.64	115	8691		10255
5	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1	RINE	3620	29.64	107	8086		9541
6	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1	READ IN	3725	29.64	115	8691		10255
7	Rectangular, Grey, 80mm	ł			7.8 x 3.8 x 3.1	THE NAME OF THY LORD WHO	-3875	29.64	93	7028		8293
8	Rectangular, Grey, 80mm	ł			7.8 x 3.8 x 3.1	J. Carlos	3700	29.64	64	4837		5708
9	Rectangular, Grey, 80mm	ł			7.8 x 3.8 x 3.1		3590	29.64	38	2872		3389
10	Rectangular, Grey, 80mm	ł			7.8 x 3.8 x 3.1	-ZA	3740	29.64	95	7179		8471
11	Rectangular, Grey, 80mm	ł			7.8 x 3.8 x 3.1	-	3735	29.64	70	5290		6242
12	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3660	29.64	107	8086		9541
13	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3590	29.64	91	6877		8115
14	Rectangular, Grey, 80mm	ł			7.8 x 3.8 x 3.1		3585	29.64	103	7784		9185
15	Rectangular, Grey, 80mm	ł			7.8 x 3.8 x 3.1		3805	29.64	107	8086		9541
16	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3635	29.64	99	7482		8829

Witnessed by:

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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.

9000 Engr. Usman Ali

To: Mr. Abid Azim

Resident Engineer, Highways & Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation / Improvement of Street Pavement, Sewerage / Drainage Chaman Colony, Sattar Colony, Chimbay Wala Khoo, Mohallah Achar Wali Factory, Shahdara UC 04 & 05, Ravi Zone MCL.

Dated:

25/02/2025

Our Ref. No. CL/CED/ 7677-2 of 2 Dated: 12/03/2025

Your Ref. No. 4084/103/LDP/Ravi/04/222

**Test Specification** 

### (BS 6717)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 27/02/2025 Tested on: 12/03/2025 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		3690	29.64	87	6575		7759
2	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1		3665	29.64	97	7331		8651
3	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1		3805	29.64	105	7935		9363
4	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1		3620	29.64	95	7179	-	8471
5	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1	RINE	3580	29.64	89	6726	-	7937
6	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1	READ IN	3615	29.64	91	6877	-	8115
7	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1	THE NAME OF THY LORD WHO	3650	29.64	95	7179	-	8471
8	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1		3600	29.64	95	7179		8471
9	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1		3660	29.64	107	8086		9541
10	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1	LA	3650	29.64	109	8238		9721
11	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1		3820	29.64	109	8238	-	9721
12	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1		3660	29.64	95	7179		8471
13	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1		3590	29.64	89	6726		7937
14	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1		3655	29.64	91	6877		8115
15	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1		3715	29.64	93	7028		8293
16	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1		3645	29.64	101	7633		9007

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)
- 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)
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