

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.

8698 Dr. M. Yousaf

To: Project Manager

Mr. Tahawar Owais, DSG Energy, DS Global Pvt Ltd, Garden Town, Lahore

Project: Construction of Office Building at 29-M QIE, Lahore.

Our Ref. No. CL/CED/ 7109 Dated: 1/20/2025 <u>Test Specification</u>

Your Ref. No. Nil Dated: Nil (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 1/20/2025 Tested on: 1/20/2025 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		27	12	2024	6Diax12		14	28.28	64	5069		Non Engraved
2		27	12	2024	6Diax12		14.2	28.28	64	5069		Non Engraved
3		27	12	2024	6Diax12		14	28.28	65	5149		Non Engraved
4		11	1	2025	6Diax12		14.4	28.28	49	3881		Non Engraved
5		11	1	2025	6Diax12	HEINE	14.4	28.28	52	4119		Non Engraved
6		11	1	2025	6Diax12	READ IN	14.4	28.28	43	3406		Non Engraved
7					- È	OF THY LEGRO WHO CREATES	ر بجب الدي خلق ر	E		-		
8								ASN.				
9						-						
10						LA	ORE					
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12												
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16												
Witness	ed 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
- 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)
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8701 Dr. M. Yousaf

To: Engr. Haseeb Afzal

Project Manager, HMB Developers Pvt. Ltd

Project: Commercial Tower, Finance Trade Centre, Lahore (10th Floor Slab Pour 2 A'~G'/1~4')

Our Ref. No. CL/CED/ 7110 Dated: 1/20/2025 <u>Test Specification</u>

Your Ref. No. HMBDPL/S.O/01/25/163 (LHR) Dated: 1/20/2025 (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 1/20/2025 Tested on: 1/20/2025 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	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	CT-177 (3500 Psi)	21	12	2024	6Diax12		14	28.28	70	5545		Non Engraved
2	CT-177 (3500 Psi)	21	12	2024	6Diax12		14	28.28	84	6653		Non Engraved
3	CT-177 (3500 Psi)	21	12	2024	6Diax12		14	28.28	66	5228		Non Engraved
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Witnessed by: HMBD, CNIC # 33103-0209597-3

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8695 Dr. M. Yousaf

To: Resident Engineer NESPAK (Pvt) Ltd.

Project: Construction of Platform along with Allied Services for TPS-77, MRR Radar at Kirana Top at PAF

Base Mushaf.

Our Ref. No. CL/CED/ 7111 Dated: 1/20/2025 Test Specification

Your Ref. No. 4800/321/SS/01/06 Dated: 1/17/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 1/17/2025 Tested on: 1/20/2025 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	F-4 @ Grid B-2	9	1	2025	6Diax12		13.8	28.28	58	4594		Non Engraved
2	F-2 @ Grid E-2	9	1	2025	6Diax12		14	28.28	51	4040		Non Engraved
3	F-3 @ Grid C-6	9	1	2025	6Diax12		15	28.28	65	5149		Non Engraved
4	F-1 @ Grid D-6	9	1	2025	6Diax12		15.4	28.28	58	4594		Non Engraved
5	F-1 @ Grid C-4	9	1	2025	6Diax12	THE	R/14.4	28.28	45	3564		Non Engraved
6	F-1 @ Grid D-4	9	1	2025	6Diax12	READ IN	14.2	28.28	47	3723		Non Engraved
7	F-1 @ Grid C-8	9	1	2025	6Diax12	OF THY	14 علق ا	28.28	45	3564		Non Engraved
8	F-1 @ Grid D-8	9	1	2025	6Diax12		14.6	28.28	68	5386		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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- 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)
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8695 Dr. M. Yousaf

To: **Resident Engineer** NESPAK (Pvt) Ltd.

Project: Construction of Platform along with Allied Services for TPS-77, MRR Radar at Kirana Top at PAF

Base Mushaf.

Our Ref. No. CL/CED/ 7112 Dated: 1/20/2025 **Test Specification** 

Your Ref. No. 4800/321/SS/01/07 Dated: 1/17/2025 ( ASTM C39 )

## COMPRESSION TEST REPORT

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

1/17/2025 Tested on: Specimens received on: 1/20/2025 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	F-1 @ Grid B-4	19	12	2024	6Diax12		13.8	28.28	70	5545		Non Engraved
2	F-1 @ Grid D-4	19	12	2024	6Diax12		15.4	28.28	62	4911	-	Non Engraved
3	F-3 @ Grid C-6	19	12	2024	6Diax12		14	28.28	55	4356		Non Engraved
4	F-1 @ Grid D-6	19	12	2024	6Diax12		14	28.28	62	4911		Non Engraved
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6						READ IN	207					
7					17	OF THY LEGRO WHO CREATES	ر بجب ان فی خلق ر	E		-		
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### Witnessed by:

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8655 Dr. M. Yousaf

To: Resident Engineer NESPAK (Pvt) Ltd.

Project: Construction of Platform along with Allied Services for TPS-77, MRR Radar at Kirana Top at PAF

Base Mushaf.

Our Ref. No. CL/CED/ 7113 Dated: 1/20/2025 Test Specification

Your Ref. No. 4800/321/SS/01/05 Dated: 1/14/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 1/14/2025 Tested on: 1/20/2025 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	F-3 @ Grid A-1	5	1	2025	6Diax12		14	28.28	45	3564		Non Engraved
2	F-3 @ Grid F-1	5	1	2025	6Diax12		15.2	28.28	58	4594		Non Engraved
3	F-3 @ Grid B-3	5	1	2025	6Diax12		14	28.28	54	4277		Non Engraved
4	F-5 @ Grid D-3	5	1	2025	6Diax12	/	14.4	28.28	47	3723		Non Engraved
5	F-1 @ Grid D-5	5	1	2025	6Diax12	THE	14.2	28.28	49	3881		Non Engraved
6	F-1 @ Grid C-5	5	1	2025	6Diax12	READ IN	14	28.28	45	3564		Non Engraved
7	F-1 @ Grid D-7	5	1	2025	6Diax12	OF THY	14.4 منان ا	28.28	69	5465		Non Engraved
8	F-1 @ Grid C-7	5	1	2025	6Diax12		14.6	28.28	73	5782		Non Engraved
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15										-		
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Witness	sed by:											

#### Witnessed by:

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8655 Dr. M. Yousaf

To: Resident Engineer NESPAK (Pvt) Ltd.

Project: Construction of Platform along with Allied Services for TPS-77, MRR Radar at Kirana Top at PAF

Base Mushaf.

Our Ref. No. CL/CED/ 7114 Dated: 1/20/2025 <u>Test Specification</u>

Your Ref. No. 4800/321/SS/01/03 Dated: 1/14/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 1/14/2025 Tested on: 1/20/2025 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	F-1 @ Grid D-5	10	12	2024	6Diax12		15	28.28	72	5703	-	Non Engraved
2	F-1 @ Grid C-5	10	12	2024	6Diax12		14.2	28.28	60	4752		Non Engraved
3	F-5 @ Grid D-3	10	12	2024	6Diax12		15	28.28	84	6653	1	Non Engraved
4										I		
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### Witnessed by:

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8655
Dr. M. Yousaf

To: Resident Engineer NESPAK (Pvt) Ltd.

Project: Construction of Platform along with Allied Services for TPS-77, MRR Radar at Kirana Top at PAF

Base Mushaf.

Our Ref. No. CL/CED/ 7115 Dated: 1/20/2025 <u>Test Specification</u>

Your Ref. No. 4800/321/SS/01/04 Dated: 1/14/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 1/14/2025 Tested on: 1/20/2025 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	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	F-1 @ Grid D-7	14	12	2024	6Diax12		14.2	28.28	51	4040		Non Engraved
2	F-1 @ Grid C-7	14	12	2024	6Diax12		14	28.28	51	4040		Non Engraved
3	F-1 @ Grid C-8	14	12	2024	6Diax12		13.8	28.28	52	4119		Non Engraved
4	F-1 @ Grid D-8	14	12	2024	6Diax12		13.8	28.28	68	5386		Non Engraved
5						HITTE	RING					
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Witness	ed by:											

#### Witnessed by:

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Dr. M. Yousaf

To: Manager Planning and Development

NOON Developers & Marketing. New Muslim Town, Lahore.

Project: Canal Heights 3-B, Block B, Noon Avenue, New Muslim Town, Lahore.

Our Ref. No. CL/CED/ 7116 Dated: 1/20/2025 <u>Test Specification</u>

Your Ref. No. CH/ST/01/25 Dated: 1/15/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 1/15/2025 Tested on: 1/20/2025 in dry/wet condition



r. 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 (%)	
Sample-A (4000 Psi)	5	1	2025	6Diax12		13.6	28.28	54	4277		Non Engraved
Sample-A (4000 Psi)	5	1	2025	6Diax12		13.6	28.28	55	4356		Non Engraved
Sample-B (4000 Psi)	5	1	2025	6Diax12		13.8	28.28	51	4040		Non Engraved
Sample-B (4000 Psi)	5	1	2025	6Diax12		13.8	28.28	59	4673		Non Engraved
Sample-C (4000 Psi)	5	1	2025	6Diax12	WEINE	13.4	28.28	43	3406		Non Engraved
Sample-C (4000 Psi)	5	1	2025	6Diax12	READ IN	14	28.28	58	4594		Non Engraved
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	(4000 Psi) Sample-A (4000 Psi) Sample-B (4000 Psi) Sample-B (4000 Psi) Sample-C (4000 Psi) Sample-C (4000 Psi)	Sample-A (4000 Psi) Sample-A (4000 Psi) Sample-B (4000 Psi) Sample-B (4000 Psi) Sample-C (4000 Psi) Sample-C	Sample-A (4000 Psi) Sample-A (4000 Psi) Sample-B (4000 Psi) Sample-B (4000 Psi) Sample-C (4000 Psi) Sample	Sample-A         (4000 Psi)         5         1         2025           Sample-A         (4000 Psi)         5         1         2025           Sample-B         (4000 Psi)         5         1         2025           Sample-B         (4000 Psi)         5         1         2025           Sample-C         (4000 Psi)         5         1         2025           Sample-C         (4000 Psi)         5         1         2025 <t< td=""><td>Sample-A (4000 Psi)         5         1         2025         6Diax12           Sample-A (4000 Psi)         5         1         2025         6Diax12           Sample-B (4000 Psi)         5         1         2025         6Diax12           Sample-B (4000 Psi)         5         1         2025         6Diax12           Sample-C (4000 Psi)         5         1         2025         6Diax12           Sample-C (4000 Psi)         5         1         2025         6Diax12          </td><td>Sample-A (4000 Psi) Sample-A (4000 Psi) Sample-B (4000 Psi) Sample-B (4000 Psi) Sample-C (4000 Psi) Sample</td><td>Sample-A (4000 Psi) Sample-A (4000 Psi) Sample-B (4000 Psi) Sample-B (4000 Psi) Sample-C (4000 Psi) Sample</td><td>Sample-A (4000 Psi)         5         1         2025         6Diax12          13.6         28.28           Sample-A (4000 Psi)         5         1         2025         6Diax12          13.6         28.28           Sample-B (4000 Psi)         5         1         2025         6Diax12          13.8         28.28           Sample-B (4000 Psi)         5         1         2025         6Diax12          13.4         28.28           Sample-C (4000 Psi)         5         1         2025         6Diax12          14         28.28           Sample-C (4000 Psi)         5         1         2025         6Diax12          14         28.28  </td><td>Sample-A (4000 Psi)         5         1         2025         6Diax12          13.6         28.28         54           Sample-A (4000 Psi)         5         1         2025         6Diax12          13.6         28.28         55           Sample-B (4000 Psi)         5         1         2025         6Diax12          13.8         28.28         51           Sample-C (4000 Psi)         5         1         2025         6Diax12          13.4         28.28         43           Sample-C (4000 Psi)         5         1         2025         6Diax12          13.4         28.28         58           Sample-C (4000 Psi)         5         1         2025         6Diax12          14         28.28         58  </td><td>Sample-A (4000 Psi)         5         1         2025         6Diax12          13.6         28.28         54         4277           Sample-A (4000 Psi)         5         1         2025         6Diax12          13.6         28.28         55         4356           Sample-B (4000 Psi)         5         1         2025         6Diax12          13.8         28.28         51         4040           Sample-B (4000 Psi)         5         1         2025         6Diax12          13.8         28.28         59         4673           Sample-C (4000 Psi)         5         1         2025         6Diax12          13.4         28.28         43         3406           Sample-C (4000 Psi)         5         1         2025         6Diax12          14         28.28         58         4594                                   </td></t<> <td>Sample-A (4000 Psi) 5 1 2025 6Diax12 13.6 28.28 54 4277 Sample-B (4000 Psi) 5 1 2025 6Diax12 13.6 28.28 55 4356 13.8 28.28 51 4040 13.8 28.28 51 4040 13.8 28.28 51 4040 13.8 28.28 51 4040 13.8 28.28 51 4040 13.8 28.28 59 4673 13.8 28.28 59 4673 13.8 28.28 59 4673 13.8 28.28 59 4673 13.8 28.28 59 4673 13.8 28.28 59 4673 13.8 28.28 59 4673 13.8 28.28 59 4673 13.8 28.28 59 4673 13.8 28.28 59 4673 13.8 28.28 58 4594 13.8 28.28 58 58 4594 13.8 28.28 58 58 4594 13.8 28.28 58 58 4594 13.8 28.28 58 58 4594 13.8 28.28 58 58 4594 13.8 28.28 58 58 4594 13.8 28.28 58 58 4594 13.8 28.28 28 28 28 28 28 28 28 28 28 28 28 28 2</td>	Sample-A (4000 Psi)         5         1         2025         6Diax12           Sample-A (4000 Psi)         5         1         2025         6Diax12           Sample-B (4000 Psi)         5         1         2025         6Diax12           Sample-B (4000 Psi)         5         1         2025         6Diax12           Sample-C (4000 Psi)         5         1         2025         6Diax12           Sample-C (4000 Psi)         5         1         2025         6Diax12	Sample-A (4000 Psi) Sample-A (4000 Psi) Sample-B (4000 Psi) Sample-B (4000 Psi) Sample-C (4000 Psi) Sample	Sample-A (4000 Psi) Sample-A (4000 Psi) Sample-B (4000 Psi) Sample-B (4000 Psi) Sample-C (4000 Psi) Sample	Sample-A (4000 Psi)         5         1         2025         6Diax12          13.6         28.28           Sample-A (4000 Psi)         5         1         2025         6Diax12          13.6         28.28           Sample-B (4000 Psi)         5         1         2025         6Diax12          13.8         28.28           Sample-B (4000 Psi)         5         1         2025         6Diax12          13.4         28.28           Sample-C (4000 Psi)         5         1         2025         6Diax12          14         28.28           Sample-C (4000 Psi)         5         1         2025         6Diax12          14         28.28	Sample-A (4000 Psi)         5         1         2025         6Diax12          13.6         28.28         54           Sample-A (4000 Psi)         5         1         2025         6Diax12          13.6         28.28         55           Sample-B (4000 Psi)         5         1         2025         6Diax12          13.8         28.28         51           Sample-C (4000 Psi)         5         1         2025         6Diax12          13.4         28.28         43           Sample-C (4000 Psi)         5         1         2025         6Diax12          13.4         28.28         58           Sample-C (4000 Psi)         5         1         2025         6Diax12          14         28.28         58	Sample-A (4000 Psi)         5         1         2025         6Diax12          13.6         28.28         54         4277           Sample-A (4000 Psi)         5         1         2025         6Diax12          13.6         28.28         55         4356           Sample-B (4000 Psi)         5         1         2025         6Diax12          13.8         28.28         51         4040           Sample-B (4000 Psi)         5         1         2025         6Diax12          13.8         28.28         59         4673           Sample-C (4000 Psi)         5         1         2025         6Diax12          13.4         28.28         43         3406           Sample-C (4000 Psi)         5         1         2025         6Diax12          14         28.28         58         4594	Sample-A (4000 Psi) 5 1 2025 6Diax12 13.6 28.28 54 4277 Sample-B (4000 Psi) 5 1 2025 6Diax12 13.6 28.28 55 4356 13.8 28.28 51 4040 13.8 28.28 51 4040 13.8 28.28 51 4040 13.8 28.28 51 4040 13.8 28.28 51 4040 13.8 28.28 59 4673 13.8 28.28 59 4673 13.8 28.28 59 4673 13.8 28.28 59 4673 13.8 28.28 59 4673 13.8 28.28 59 4673 13.8 28.28 59 4673 13.8 28.28 59 4673 13.8 28.28 59 4673 13.8 28.28 59 4673 13.8 28.28 58 4594 13.8 28.28 58 58 4594 13.8 28.28 58 58 4594 13.8 28.28 58 58 4594 13.8 28.28 58 58 4594 13.8 28.28 58 58 4594 13.8 28.28 58 58 4594 13.8 28.28 58 58 4594 13.8 28.28 28 28 28 28 28 28 28 28 28 28 28 28 2

#### 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. \*\*\*\* ACl318-08 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.