

Project Manager (BMC), Banu Mukhtar Contracting (Pvt) Lt
Mr. Munammad Atif Khalli

Project: Burj-1 by Ajwa Builders. (Main Building 2nd Floor Zone-02)

Our Ref. No. CL/C	ED/ 5046	Dated:	10/06/2024	Test Specification
Your Ref. No.	DOC-BMC/AJWA/160	Dated:	07/06/2024	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	07/06/2024		2024	Tested on:	10/06	10/06/2024 in dry/wet condition					
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Lift Wall-01 Grid #H'-H/6 (6000 Psi)	7	5	2024	6Diax12		14	28.28	78	6178		Non Engraved
2	Lift Wall-01 Grid #H'-H/6 (6000 Psi)	7	5	2024	6Diax12		14.2	28.28	85	6733		Non Engraved
3	Lift Wall-01 Grid #H'-H/6 (6000 Psi)	7	5	2024	6Diax12		14	28.28	82	6495		Non Engraved
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Witness	ed by: Nil											

sea by:

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

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

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

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

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

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

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.

Contraction of the second	Plain and Reinforced Concrete Laboratory Civil Engineering Department 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.
Toi		7272 Dr. M. Yousaf
10:	Mr. Aftab A. Mugnai Resident Engineer, Construction Management Division, NESPAK (Pvt) Ltd.	
	Project: Construction of Pakistan Kidney and Liver Institute and Research Center, Lahore Hospital PKLI, Package C-1, Phase-1.	

Dated:

Dated:

10/06/2024

05/06/2024

Test Specification

(ASTM C39)

COMPRESSION	TEST REPORT

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

3836/13/03/AA/C-1-LTR-9A-263

Our Ref. No. CL/CED/ 5047

Your Ref. No.

Specimo	ens received on:	05	5/06/2	2024	Tested on:	10/06	6/2024	in dry/wet	t condition			
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	3000 Psi	28	5	2024	6Diax12		14	28.28	69	5465		Non Engraved
2	3000 Psi	28	5	2024	6Diax12		14	28.28	67	5307		Non Engraved
3	3000 Psi	28	5	2024	6Diax12		14	28.28	66	5228		Non Engraved
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Witness	ed by: Nil											

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

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

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

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

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



To: **IBNA AL AZIZ**

117 Ahmad Block, New Garden Town, Lahore.

Project: Sapphire Residence 84-Arif Jan Road Cantt. Lahore.

Our Ref. No. CL/C	ED/ 5048	Dated:	10/06/2024	Test Specification
Your Ref. No.	1AA-131251	Dated:	03/06/2024	(ASTM C39)

COMPRESSION TEST REPORT

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

Specime	ens received on:	03	03/06/2024 Tested		Tested on:	10/06/2024		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 on (%)	Remarks
1	4000 Psi	5	5	2024	6Diax12		(rtg/ giii3) 14	28.28	51	4040		Non Engraved
2	4000 Psi	5	5	2024	6Diax12		14	28.28	60	4752		Non Engraved
3	4000 Psi	5	5	2024	6Diax12		14	28.28	68	5386		Non Engraved
4	3000 Psi	25	5	2024	6Diax12		14	28.28	50	3960		Non Engraved
5	3000 Psi	25	5	2024	6Diax12	GINE	13.6	28.28	50	3960		Non Engraved
6	3000 Psi	25	5	2024	6Diax12		13.4	28.28	27	2139		Non Engraved
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Witness	ed by: Nil											

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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.



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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.

7245 Dr. M. Yousaf

To: **Project Director**

Capital ATA Tower, Ferozpur Road Main Ichara, Lahore.

Project: Construction Work of Commercial Building at District, Lahore.

Our Ref. No. CL/CED/ 5049	Dated:	10/06/2024	Test Specification
Your Ref. No. Nil	Dated:	31/05/2024	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimo	ens received on:	31	/05/2	2024	Tested on:	10/06	6/2024	in dry/wet condition				
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Basement Raft	9	3	2024	6Diax12		13	28.28	71	5624		Engraved
2	Basement Raft	9	3	2024	6Diax12		13	28.28	50	3960		Engraved
3	Basement Retaining Wall	16	3	2024	6Diax12		13	28.28	34	2693		Engraved
4	Ground Floor Seal	20	3	2024	6Diax12		12.4	28.28	47	3723		Engraved
5	Basement Roof Slab	23	3	2024	6Diax12	CINE	12.8	28.28	30	2376		Engraved
6	Basement Column	29	3	2024	6Diax12		13	28.28	46	3644		Engraved
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Witness	ed by: Nil											

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

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

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.



To: Mr. Shahzad Mukhtar

Project Manager, Aitchison College, Lahore.

Project: Construction of Riding Pavilion, Aitchison College, Lahore.

Our Ref. No. CL/CED/	5050	Dated:	10/06/2024	Test Specification
Your Ref. No. P		Dated:	04/06/2024	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimo	ens received on:	04	04/06/2024 Tested on:		10/06	10/06/2024		in dry/wet condition				
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Column (4000 Psi)	3	5	2024	6Diax12		13.2	28.28	54	4277		Non Engraved
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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)

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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.



To: Mr. Shahzad Mukhtar

Project Manager, Aitchison College, Lahore.

Project: Construction of Riding Pavilion, Aitchison College, Lahore.

Our Ref. No. CL/CED/	5051	Dated:	10/06/2024	Test Specification
Your Ref. No. P		Dated:	04/06/2024	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimo	04/06/2024			Tested on:	10/06/2024		in dry/wet condition					
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Column (4000 Psi)	3	5	2024	6Diax12		14	28.28	72	5703		Non Engraved
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Witnessed by: Nil

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		Plain and Reinforced Concrete Laboratory Civil Engineering Department 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.
			7251 Dr. M. Yousaf
To:	Sub Divi Building	isional Officer Is Sub Division, Bhera.	
:	Project: Sargodh	Construction of PHP Post & Mobile School at Beer Baran (Bhera-Dhori Road), Tehsil Bhera, District	

Our Ref. No. CL/C	ED/ 5052	Dated:	10/06/2024	Test Specification
Your Ref. No.	485/Bhera	Dated:	30/05/2024	(ASTM C39)

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

Specimens received on:			8/06/2	2024	Tested on:	10/06	5/2024	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	G.F Slab of Patrolling Post	2	5	2024	6Diax12		14.2	28.28	44	3485		Engraved
2	G.F Slab of Patrolling Post	2	5	2024	6Diax12		14	28.28	62	4911		Engraved
3	G.F Slab of Patrolling Post	2	5	2024	6Diax12		13.4	28.28	59	4673		Engraved
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Witnoco	od by: Nil											

Witnessed by: Nil

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

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		Plain a Universiti Landline: 042	and Reinforced Co Civil Engineering De ty of Engineering and Technol 2-99029245 & 042-99029202	oncrete Labor partment ogy, Lahore. Pakistan Mobile: 0307-049689	satory	ORIGINAL A carbon copy for the report has been retained in the lab for record.
						7257 Dr. M. Yousaf
To:	Engr. Al	nmed				
	Manage	r Structures, M	/S Iqbal Uzair & Associates.			
	Project: Design I	Site:181-D Mo Ratio is 1:1.8:3	del Town, Lahore. Concreting of I .6 with 400 ML Superplasticizer C	Foundation Bed. (Contrac hemplast 450-SP, NIMIR)	tor: CBS Developers). (Mix	
	Our Ref.	No. CL/CED/	5053	Dated:	10/06/2024	Test Specification

Dated:

04/06/2024

(ASTM C39)

COMPRESSION TEST REPORT

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

Nil

Specim	ens received on:	04	/06/2	2024	Tested on:	10/06	6/2024	in dry/we	t condition			
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(3000 Psi)	28	4	2024	6Diax12		14	28.28	45	3564		Engraved
2	(3000 Psi)	28	4	2024	6Diax12		14.2	28.28	45	3564		Engraved
3	(3000 Psi)	28	4	2024	6Diax12		14	28.28	28	2218		Engraved
4	(3000 Psi)	28	4	2024	6Diax12		13.4	28.28	38	3010		Engraved
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Witness	ed by: Nil											

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

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Your Ref. No.

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		Plain and Reinforced C Civil Engineering Do University of Engineering and Techno Landline: 042-99029245 & 042-99029202	Concrete Labor epartment logy, Lahore. Pakistan Mobile: 0307-049689	atory ₅	ORIGINAL A carbon copy for the report has been retained in the lab for record.
_					7257 Dr. M. Yousaf
To:	Engr. Al Manage	hmed r Structures, M/S Iqbal Uzair & Associates.			
	Project: Design I	Site:181-D Model Town, Lahore. Concreting of Ratio is 1:1.8:3.6 with 400 ML Superplasticizer (Retaining Walls. (Contract Chemplast 450-SP, NIMIR)	or: CBS Developers). (Mix	
	Our Ref.	. No. CL/CED/ 5054	Dated:	10/06/2024	Test Specification
	Your Re	ef. No. Nil	Dated:	04/06/2024	(ASTM C39)

Your Ref. No. Nil

COMPRESSION TEST REPORT

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

Specime	ens received on:	04	/06/2	2024	Tested on:	10/06	6/2024	in dry/wet	t condition			
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(3000 Psi)	5	5	2024	6Diax12		14.2	28.28	55	4356		Engraved
2	(3000 Psi)	5	5	2024	6Diax12		14	28.28	37	2931		Engraved
3	(3000 Psi)	5	5	2024	6Diax12		14.2	28.28	56	4436		Engraved
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Witness	ed by: Nil											

Vitnessed by: Nil

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

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Director/Dy. Director Concrete Laboratory

(ASTM C39)



Chief Resident E	igineer/it, JERS Consultancy (PVI) Llu.			
Project: Punjab C	ities Program (PCP)-PMDFC. Construction	on of General Bus Stand,	MC Kamalia. (Contr	actor:
M/s Sany Enterpr	ises.)			
Our Ref. No. CL/0	ED/ 5055	Dated:	10/06/2024	Test Specification
Your Ref. No.	488-J01-102-03-03-CS-07	Dated:	03/06/2024	()

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

Specimens received on:		07/06/2024		024	Tested on:	10/06	6/2024	in dry/wet condition				
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Uni-Block, Grey, 80mm				3.2 thick		4715	37.39	131	7848		
2	Uni-Block, Grey, 80mm				3.2 thick		4355	37.39	124	7429		
3	Uni-Block, Grey, 80mm				3.2 thick		4490	37.39	157	9406		
4	Uni-Block, Grey, 80mm				3.2 thick	ł	4395	37.39	142	8507		
5	Uni-Block, Grey, 80mm				3.2 thick	EINE	4600	37.39	140	8387		
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ttnessed by: Mr. Umar Nawaz Khan & Mr. Sheharyar Ahmed

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

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Director/Dy. Director Concrete Laboratory

	Plain and Reinforced Concrete Laboratory Civil Engineering Department 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
To:	Mr. Sadat Waleed Ansari	7281 Dr. M.Yousaf
	Chief Resident Engineer/TL, JERS Consultancy (Pvt) Ltd. Project: Punjab Cities Program (PCP)-PMDFC. Construction of SWM Parking Area , MC Jhang. (Contractor:	

M/s Sany Enterpr	ISES.)			
Our Ref. No. CL/0	CED/ 5056	Dated:	10/06/2024	Test Specification
Your Ref. No.	488-J01-102-01-03-CS-07	Dated:	03/06/2024	()

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

Specime	07	/06/2	2024	Tested on:	10/06	6/2024	in dry/wet	t condition				
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Uni-Block, Grey, 80mm				3.2 thick		4595	37.39	125	7489		
2	Uni-Block, Grey, 80mm				3.2 thick		4815	37.39	148	8867		
3	Uni-Block, Red, 80mm				3.1 thick		5000	37.39	109	6530		
4	Uni-Block, Red, 80mm				3.1 thick		4390	37.39	85	5092		
5	Uni-Block, Red, 80mm				3.1 thick	ETNE	4735	37.39	99	5931		
6						READIN						
7						THE NAME OF THY LORD WHO						
8					SH 	Loncares -		5-				
9					-							
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14												
15												
16												
Witnessed by Mr. Sheheryer Abred												

Witnessed by: Mr. Sheharyar Ahmad

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.



Chief Resident E	ngineer/1L, JERS Consultancy (PVI) Ltd.									
Project: Punjab (Cities Program (PCP)-PMDFC. Constructio	n of SWM Parking Area	, MC Kamalia. (Contra	actor:						
M/s Sany Enterprises.)										
Our Ref. No. CL/	CED/ 5057	Dated:	10/06/2024	Test Specification						
Your Ref. No.	488-J01-102-03-02-CS-05	Dated:	03/06/2024	()						

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

Specimens received on:		07	07/06/2024 Tested on: 10/06/2024 in dry/wet cor			t condition		ONLINE REPORT				
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section	Ultimate load	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Uni-Block, Red, 80mm				3.1 thick		4750	37.39	150	8986		
2	Uni-Block, Red, 80mm				3.1 thick		4800	37.39	158	9466		
3	Uni-Block, Red, 80mm				3.1 thick		5015	37.39	130	7788		
4	Uni-Block, Red, 80mm				3.1 thick		4780	37.39	150	8986		
5	Uni-Block, Red, 80mm				3.1 thick	EINE	4530	37.39	150	8986		
6						READIN						
7						THE NAME OF THY LORD WHO		FB				
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11						I						
12						-						
13						-						
14												
15						-						
16												
Witnessed by: Mr. Umar Nawar Khan & Mr. Shoharyar Ahmod												

Witnessed by: Mr. Umar Nawaz Khan & Mr. Sheharyar Ahmed

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

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

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.

Director/Dy. Director Concrete Laboratory