

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.

2984 Dr. Umbreen

To: Muhammad Shahbaz

For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

 Our Ref. No. CL/CED/
 8402
 Dated:
 28/3/2022
 Test Specification

 Your Ref. No.
 IHPL/Con/713
 Dated:
 15/3/2022
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 in dry/wet condition





Sr. No.	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	6000 Psi	20	2	2022	6Diax12		14	28.28	98	7762		Non Engraved
2	6000 Psi	20	2	2022	6Diax12		13.4	28.28	86	6812		Non Engraved
3	6000 Psi	20	2	2022	6Diax12		13	28.28	94	7446		Non Engraved
4												
5					/	GINE	RIATE					
6						READIN	200	<b>X</b>				
7						DE NAME OF THY LORD WHO	- F 1	#				
8					es	رشيا		<b>3</b> -				
9							-					
10						-UA	IORE					
11												
12												
13												
14												
15												
16												

Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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.

2984 Dr. Umbreen

To: Muhammad Shahbaz

For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

 Our Ref. No. CL/CED/
 8403
 Dated:
 28/3/2022
 Test Specification

 Your Ref. No.
 IHPL/Con/714
 Dated:
 15/3/2022
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 Psi	20	2	2022	6Diax12		14	28.28	81	6416		Non Engraved
2	4000 Psi	20	2	2022	6Diax12		14	28.28	79	6257		Non Engraved
3	4000 Psi	20	2	2022	6Diax12		13.2	28.28	79	6257		Non Engraved
4												
5					/	TIME	RING					
6						READIN	200	<b></b>				
7						DHE NAME OF THY CORD WHO	- E	至-				
8					66							
9							-					
10					- (	-UA	IORE.					
11												
12												
13												
14												
15												
16	D.C.											

Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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.

2984 Dr. Umbreen

To: Muhammad Shahbaz

For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

 Our Ref. No. CL/CED/
 8404
 Dated:
 28/3/2022
 Test Specification

 Your Ref. No.
 IHPL/Con/712
 Dated:
 15/3/2022
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 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	6000 Psi	19	2	2022	6Diax12		14.2	28.28	83	6574		Non Engraved
2	6000 Psi	19	2	2022	6Diax12		14	28.28	81	6416		Non Engraved
3	6000 Psi	19	2	2022	6Diax12		13.4	28.28	88	6970		Non Engraved
4												
5						GINE	RINE					
6						READW						
7						DHE NAME OF THY LIDRO WHO	JE 2					
8					65	ظلا		<b>8</b> -				
9							- 6	<b>7</b>				
10					(	LA	IORE.					
11												
12												
13												
14												
15												
16										-		
14/14	ad by Fran Dafi		<u> </u>	. /11.1	DI.\							

Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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.

2984 Dr. Umbreen

To: Muhammad Shahbaz

For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

 Our Ref. No. CL/CED/
 8405
 Dated:
 28/3/2022
 Test Specification

 Your Ref. No.
 IHPL/Con/711
 Dated:
 15/3/2022
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	4000 Psi	19	2	2022	6Diax12		14	28.28	79	6257		Non Engraved
2	4000 Psi	19	2	2022	6Diax12		14	28.28	83	6574		Non Engraved
3	4000 Psi	19	2	2022	6Diax12		13.2	28.28	81	6416		Non Engraved
4												
5					/	GINE	RINE					
6						READW						
7						DHE NIGGE OF THY LIDRO WHO	1974	<b>=</b>				
8					SS			IND.				
9						_						
10						-LA	IORE .					
11							-					
12												
13												
14												
15												
16												

Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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.

2984 Dr. Umbreen

To: Muhammad Shahbaz

For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

 Our Ref. No. CL/CED/
 8406
 Dated:
 28/3/2022
 Test Specification

 Your Ref. No.
 IHPL/Con/708
 Dated:
 15/3/2022
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 Psi	15	2	2022	6Diax12		14	28.28	86	6812		Non Engraved
2	4000 Psi	15	2	2022	6Diax12		13.8	28.28	71	5624		Non Engraved
3	4000 Psi	15	2	2022	6Diax12		13.6	28.28	83	6574		Non Engraved
4												
5					/	CTME	RIATE					
6			-			READW	700	<b>X</b>				
7			-			DHE NAME OF THY LIDRO WHO	1912					
8			I		es			IND.				
9			-			_						
10			-			-LA	IORE .					
11												
12												
13												
14												
15												
16												

Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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.

2984 Dr. Umbreen

To: Muhammad Shahbaz

For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

 Our Ref. No. CL/CED/
 8407
 Dated:
 28/3/2022
 Test Specification

 Your Ref. No.
 IHPL/Con/707
 Dated:
 15/3/2022
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	6000 Psi	15	2	2022	6Diax12		14	28.28	88	6970		Non Engraved
2	6000 Psi	15	2	2022	6Diax12		14	28.28	86	6812		Non Engraved
3	6000 Psi	15	2	2022	6Diax12		14	28.28	88	6970		Non Engraved
4												
5					/	GINE	RINE					
6						READW	200					
7						DHE NIGGE OF THY LIDRO WHO	1919	-				
8					on			IND.				
9												
10					🤇	-LA	ORE.					
11							-					
12												
13												
14												
15												
16												

Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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.

2984 Dr. Umbreen

To: Muhammad Shahbaz

For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

 Our Ref. No. CL/CED/
 8408
 Dated:
 28/3/2022
 Test Specification

 Your Ref. No.
 IHPL/Con/706
 Dated:
 28-02-22
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	6000 Psi	11	2	2022	6Diax12		14	28.28	94	7446		Non Engraved
2	6000 Psi	11	2	2022	6Diax12		13.8	28.28	92	7287		Non Engraved
3	6000 Psi	11	2	2022	6Diax12		13.4	28.28	96	7604		Non Engraved
4												
5					/	GRIFE	RIATE					
6						READW						
7						DHE NAME OF THY LIDRO WHO	100	-				
8					SS			iNo				
9												
10						O LA	ORE					
11												
12												
13												
14												
15												
16												

Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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.

2984 Dr. Umbreen

To: Muhammad Shahbaz

For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

 Our Ref. No. CL/CED/
 8409
 Dated:
 28/3/2022
 Test Specification

 Your Ref. No.
 IHPL/Con/705
 Dated:
 28-02-22
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet 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	6000 Psi	10	2	2022	6Diax12		13.4	28.28	88	6970		Non Engraved
2	6000 Psi	10	2	2022	6Diax12		13.8	28.28	96	7604		Non Engraved
3	6000 Psi	10	2	2022	6Diax12		13.8	28.28	92	7287		Non Engraved
4												
5					/	GINE	RIATE					
6						READW						
7						DHE NIGGE OF THY LIDRO WHO	100	-				
8					S			INO				
9							1					
10						-LA	ORE.					
11							-					
12												
13												
14												
15												
16												

Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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.

2984 Dr. Umbreen

To: Muhammad Shahbaz

For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

 Our Ref. No. CL/CED/
 8410
 Dated:
 28/3/2022
 Test Specification

 Your Ref. No.
 IHPL/Con/709
 Dated:
 15-03-22
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	6000 Psi	16	2	2022	6Diax12		13.8	28.28	92	7287		Non Engraved
2	6000 Psi	16	2	2022	6Diax12		14	28.28	83	6574		Non Engraved
3	6000 Psi	16	2	2022	6Diax12		13.8	28.28	98	7762		Non Engraved
4												
5					/	GINE	RING					
6						READW	200					
7						DE NIGE OF THY LIDRO WHO	-E					
8					es							
9						) <u>-</u>	-					
10					<	"-LA	YORE .					
11												
12												
13												
14												
15												
16												

Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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.

2984 Dr. Umbreen

To: Muhammad Shahbaz

For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

 Our Ref. No. CL/CED/
 8411
 Dated:
 28/3/2022
 Test Specification

 Your Ref. No.
 IHPL/Con/704
 Dated:
 28-02-22
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 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	6000 Psi	8	2	2022	6Diax12		14	28.28	53	4198		Non Engraved
2	6000 Psi	8	2	2022	6Diax12		14	28.28	92	7287		Non Engraved
3	6000 Psi	8	2	2022	6Diax12		14	28.28	94	7446		Non Engraved
4												
5					/	GRIE	RINE					
6						READIN	200	<b>X</b>				
7						DHE NAME OF THY LIDRO WHO	- LE . L					
8					SS							
9						),—	-					
10						-LA	IORE.					
11												
12												
13												
14												
15												
16												

Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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.

2984 Dr. Umbreen

To: Muhammad Shahbaz

For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

 Our Ref. No. CL/CED/
 8412
 Dated:
 28/3/2022
 Test Specification

 Your Ref. No.
 IHPL/Con/710
 Dated:
 15-03-22
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 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	4000 Psi	16	2	2022	6Diax12		13.8	28.28	86	6812		Non Engraved
2	4000 Psi	16	2	2022	6Diax12		13.8	28.28	96	7604		Non Engraved
3	4000 Psi	16	2	2022	6Diax12		13.4	28.28	90	7129		Non Engraved
4												
5					/	GINE	RING					
6						READIN	200					
7						DE NAME OF THY LORD WHO	₩. <u></u>	<b>=</b>				
8					es	رشيا		<b>8</b> —				
9						<b>7</b>		7				
10					(	LA	IORE					
11												
12												
13												
14												
15												
16												

Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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.

> 3020 Dr. Mazhar

To: Muhammad Afan

Project Manager, Icon Vally Phase II, Lahore.

Project: Icon Signature Second Floor (K to N 1-6) (Column). (Client; Icon Vally).

Our Ref. No. CL/CED/ 8413 Dated: 28/3/2022

Your Ref. No. TRM/LAB/00115-22 Dated: 28/3/2022

#### COMPRESSION TEST REPORT

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

Specimens received on: 28/03/2022 Tested on: 28/3/2022 in dry/wet condition



**Test Specification** 

( ASTM C39 )



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	4000 Psi	28	1	2022	6Diax12		13	28.28	63	4990		Non Engraved
2	4000 Psi	28	1	2022	6Diax12		13	28.28	63	4990		Non Engraved
3	4000 Psi	28	1	2022	6Diax12		13	28.28	59	4673		Non Engraved
4												
5					/	GENE	RING					
6						TREADIN	San C	<b>X</b>				
7						DE NAME OF THY LORD WHO	- N	<b>=</b>				
8					ea	رقطا	S. sell	<b>8</b> –				
9								<b>7</b>				
10						-UA	IORE					
11												
12												
13												
14												
15												
16												
\A/:4:0000								<u> </u>				

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.

2987 Dr. Umbreen

To: Engr. Muhammad Bilal Igbal

Project Manager, M. Siddique Sons Building Contractor.

Project: Al Fatah Warehouse Extension Attari Ferozepur Road, Lahore. Base (Stage-1).

Our Ref. No. CL/CED/ 8414 Dated: 28/3/2022

Your Ref. No. Nil Dated: 22/3/2022

#### COMPRESSION TEST REPORT

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 in dry/wet condition



**Test Specification** 

( ASTM C39 )



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	3000 Psi	14	3	2022	6Diax12		14	28.28	43	3406		Engraved
2	3000 Psi	14	3	2022	6Diax12		12.8	28.28	39	3089		Engraved
3	3000 Psi	14	3	2022	6Diax12		13.4	28.28	39	3089		Engraved
4												
5					/	GINE	RINE					
6						READIN	Sala N					
7						DE THY LORD WHO	₩. <u></u>					
8					es	ر المال		<b>8</b> -				
9								<b>7</b>				
10						-UA	IORE					
11												
12												
13												
14												
15												
16												
\A/:4:0 0 0 0					-		-	-		•		

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.

2971 Dr. Umbreen

To: Naveed Al Hassan

S.E. Farooq's Building Solutions.

Project: Nil

Our Ref. No. CL/CED/ 8415

Your Ref. No. Nil

Test Specification

( ASTM C39 )

#### COMPRESSION TEST REPORT

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

Specimens received on: 21/03/2022 Tested on: 28/3/2022 in dry/wet condition





Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 Psi	12	3	2022	6Diax12		13.4	28.28	67	5307		Engraved
	4000 FSI	12	3	2022	ODIAX 12		13.4	20.20	07	5507		Eligraveu
2	4000 Psi	12	3	2022	6Diax12		13.2	28.28	71	5624		Engraved
3	4000 Psi	12	3	2022	6Diax12		13.4	28.28	65	5149		Engraved
4												
5					/	RIVE	RIATE					
6						READIN	700					
7						DHE NIGGE OF THY LIDRO WHO	1979	<b>H</b>				
8					S.							
9						/ <sub>2</sub>	- 2	<b>7</b>				
10						"-LA	IORE.					
11							-					
12												
13												
14												
15												
16												
Mitnoog								·			·	

Dated:

Dated:

28/3/2022

Nil

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.

2969 Dr. Umbreen

To: Asfand Yar

**Supervisor Astaco Associates** 

Project: Jahangir Muggo Residence-01 Cantt, Lahore.

Our Ref. No. CL/CED/ 8416

Your Ref. No. Nil Dated: 21/03/2022

Dated:

28/3/2022

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 21/03/2022 Tested on: 28/3/2022 in dry/wet condition



**Test Specification** 

( ASTM C39 )



Sr. No.	Mark*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		27	2	2022	6Diax12		13.4	28.28	45	3564		Engraved
2		27	2	2022	6Diax12		13.4	28.28	53	4198		Engraved
	<b></b>	21		2022	ODIAXIZ		13.4	20.20	33	4130		Liigiaveu
3												
4												
5						RIVE	RING					
6						READIN						
7						DHE NIGGE OF THY LIDRO WHO	-E	== -				
8					es							
9						-						
10					🤇	-LA	IORE.					
11							-					
12												
13												
14												
15												
16												

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 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.

2980 Dr. Umbreen

To: M. Ijaz Farooq

**Usman Ibrahim Construction.** 

Our Ref. No. CL/CED/ 8417

Project: Al-Fatah E-Mall Main Blvd. Gulberg.

Your Ref. No. Nil Dated: 22/03/2022

Dated:

28/3/2022

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 in dry/wet condition



**Test Specification** 

( ASTM C39 )



Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		9	3	2022	6Diax12		13	28.28	33	2614		Non Engraved
2		9	3	2022	6Diax12		13.4	28.28	53	4198		Non Engraved
3		9	3	2022	6Diax12		13.6	28.28	47	3723		Non Engraved
4												
5					/	THE	RING					
6						READW	200					
7						DHE NAME OF THY CORD WHO	-E	至—				
8												
9							-					
10					<	-UA	IOR'S					
11												
12												
13												
14												
15												
16												

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.

2970 Dr. Umbreen

To: Haseeb Gujjar

Supervisor, Dogar Associates.

Our Ref. No. CL/CED/ 8418

Project: Jahangir Muggo Residence-02 Cantt, Lahore.

1 Toject. Janangii maggo Residence-02 Janut, Lanore.

Your Ref. No. Nil Dated: 21/03/2022 (ASTM C39)

Dated:

28/3/2022

#### COMPRESSION TEST REPORT

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

Specimens received on: 21/03/2022 Tested on: 28/3/2022 in dry/wet condition



**Test Specification** 



Sr. No.	Mark*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		5	3	2022	6Diax12		12	28.28	27	2139		Non Engraved
2		5	3	2022	6Diax12		12	28.28	33	2614		Non Engraved
3												
4												
5					/	GINE	RING					
6						READIN	200					
7						DHE NAME OF THY LORD WHO		=				
8					00 EE			IND)				
9												
10					<	-UA	IORE.					
11												
12												
13												
14												
15												
16												

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.

3007 Dr. Umbreen

To: Engr. Muhammad Sajjad Karim

Resident Engineer, Metroplan-Asian JV, Site Office, Nishter-II, Multan.

Project: Establishment of Tertiary Care Hospital, Nishtar-II, Multan. (Contractor; M/S Guarantee Engineers

Pvt. Ltd.)

Our Ref. No. CL/CED/ 8419 Dated: 28-03-22

Your Ref. No. Metroplan-Asian JV-Nishtar-II-RE-1396-2022 Dated: 16/3/2022

Test Specification ( ---- )

#### COMPRESSION TEST REPORT

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

Specimens received on: 25/3/2022 Tested on: 28/3/2022 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Solid Block				12 x 6 x 8		18.6	70.5	63	2002		
2	Solid Block				12 x 6 x 8		20	70.5	71	2256		
3	Solid Block				12 x 6 x 8		19.4	70.5	53	1684		
4												
5					/	GINE	RING					
6						READIN	200					
7						DHE NAME OF THY LIDRO WHO	-E	-				
8					SS		E SOL	ON!				
9												
10					<	"-LA	IORE.					
11												
12												
13												
14												
15												
16												

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.

3007 Dr. Umbreen

To: Engr. Muhammad Sajjad Karim

Resident Engineer, Metroplan-Asian JV, Site Office, Nishter-II, Multan.

Project: Establishment of Tertiary Care Hospital, Nishtar-II, Multan. (Contractor; M/S Guarantee Engineers

Pvt. Ltd.)

Our Ref. No. CL/CED/ 84120 Dated: 28-03-22

Your Ref. No. Metroplan-Asian JV-Nishtar-II-RE-1399-2022 Dated: 16/3/2022

Test Specification

#### COMPRESSION TEST REPORT

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

Specimens received on: 25/3/2022 Tested on: 28/3/2022 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load		Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Hollow Block				15.5 x 7.9 x 8		18.6	68.1	25	822		
2	Hollow Block				15.5 x 7.9 x 8		19	68.1	21	691		
3	Hollow Block				15.5 x 7.9 x 8		20.4	68.1	86	2829		
4												
5					/	GINE	RIATE					
6						READIN	200					
7						DHE NAME OF THY LIDRO WHO	-E	-				
8					es							
9							1					
10					🤇	-LA	IORE					
11							-					
12												
13												
14												
15												
16												

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.

3007 Dr. Umbreen

To: Engr. Muhammad Sajjad Karim

Resident Engineer, Metroplan-Asian JV, Site Office, Nishter-II, Multan.

Project: Establishment of Tertiary Care Hospital, Nishtar-II, Multan. (Contractor; M/S Guarantee Engineers

Pvt. Ltd.)

Our Ref. No. CL/CED/ 8421 Dated: 25/3/2022

Your Ref. No. Metroplan-Asian JV-Nishtar-II-RE-1393-2022 Dated: 16/3/2022

**Test Specification** 

( ---- )

#### COMPRESSION TEST REPORT

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

Specimens received on: 25/3/2022 Tested on: 28/3/2022 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	Solid Block				11.9 x 3.9 x 8.3		12.4	46.41	27	1303		
2	Solid Block				11.9 x 3.9 x 7.9		10	46.41	27	1303		
3	Solid Block				11.9 x 3.9 x 8.2		11	46.41	15	724		
4	Solid Block				11.9 x 3.9 x 8.2		11	46.41	31	1496		
5	Solid Block				11.8 x 3.9 x 8.3	GINE	10.8	46.02	17	827		
6	Solid Block				11.9 x 3.9 x 8.2	READIN	11.4	46.41	35	1689		
7	Solid Block				11.8 x 3.9 x 8	DHE NAME OF THY LIGHT WHO	- 11.4	46.02	22	1071		
8	Solid Block				11.9 x 3.9 x 8.1	رشيا	11	46.41	19	917		
9	Solid Block				11.9 x 3.9 x 8	7	11	46.41	22	1062		
10	Solid Block				11.9 x 3.9 x 8.1	"-LA	10R11	46.41	12	579		
11	Solid Block				11.9 x 3.9 x 8.1		11	46.41	23	1110		
12	Solid Block				11.9 x 3.9 x 8.1		11	46.41	22	1062		
13												
14												
15												
16												

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 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.