

**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.

7001 Dr. Safeer Abbas

#### To: Unit Head PMO

ABL-UML-P # 199-200, Allied Bank, New Garden Town, Lahore.

Project: Construction of ABL Upper Mall Lahore Plot No 199,200. (w/c 0.3P%, Cement 550 kgs/m, AdmixtureBASF-993.5%, Microw Silica 30 kgs/m 5.6%)Dated:08-04-24Our Ref. No. CL/CED/4621Dated:08-04-24Your Ref. No.ABL-UML-AMC-QAQC-75Dated:08-04-24

### **COMPRESSION TEST REPORT**



**Test Specification** 

(ASTM C39)

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

Specim	ens received on:	0	8-04	-24	Tested on:	08-0	)4-24	in dry/wet condition			Ü	12.3. <b>8</b> .96
Sr. No.	Mark*	Cas DD	-	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	(8000 Psi)	10	3	2024	6Diax12		14.4	28.28	93	7366		Non Engraved
2	(8000 Psi)	10	3	2024	6Diax12		14.4	28.28	99	7842		Non Engraved
3	(8000 Psi)	10	3	2024	6Diax12		14	28.28	91	7208		Non Engraved
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Witness	sed 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

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.

Supervisor (Lab)



**Civil Engineering Department** 

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7001 Dr. Safeer Abbas

#### To: Unit Head PMO

ABL-UML-P # 199-200, Allied Bank, New Garden Town, Lahore.

Project: Construction of ABL Upper Mall Lahore Plot No 199,200. (w/c 0.4%, Cement 380 kgs/m, AdmixtureSika ment 520-BA 1.1%)Our Ref. No. CL/CED/4622Dated:08-04-24Your Ref. No.ABL-UML-AMC-QAQC-74Dated:08-04-24

### **COMPRESSION TEST REPORT**



**Test Specification** 

(ASTM C39)

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

							in dry/wet condition				jesker
Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)		Area of X-Section (Sq. in)	load	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
(4000 Psi)	10	3	2024	6Diax12		14	28.28	64	5069		Non Engraved
(4000 Psi)	10	3	2024	6Diax12		14	28.28	66	5228		Non Engraved
(4000 Psi)	10	3	2024	6Diax12		14	28.28	70	5545		Non Engraved
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28.28   </td><td>(4000 Psi)    10    3    2024    6Diax12     14    28.28    64      (4000 Psi)    10    3    2024    6Diax12     14    28.28    66      (4000 Psi)    10    3    2024    6Diax12     14    28.28    70        14    28.28    70     14    28.28    70         14    28.28    70   </td><td>(4000 Psi)    10    3    2024    6Diax12     14    28.28    64    5069      (4000 Psi)    10    3    2024    6Diax12     14    28.28    66    5228      (4000 Psi)    10    3    2024    6Diax12     14    28.28    66    5228      (4000 Psi)    10    3    2024    6Diax12     14    28.28    70    5545        14    28.28    70    5545  <t< td=""><td>(4000 Psi)      10      3      2024      6Diax12       14      28.28      64      5069         (4000 Psi)      10      3      2024      6Diax12       14      28.28      666      5228         (4000 Psi)      10      3      2024      6Diax12       14      28.28      666      5228         (4000 Psi)      10      3      2024      6Diax12       14      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    14    28.28    66      (4000 Psi)    10    3    2024    6Diax12     14    28.28    70        14    28.28    70     14    28.28    70         14    28.28    70   </td><td>(4000 Psi)    10    3    2024    6Diax12     14    28.28    64    5069      (4000 Psi)    10    3    2024    6Diax12     14    28.28    66    5228      (4000 Psi)    10    3    2024    6Diax12     14    28.28    66    5228      (4000 Psi)    10    3    2024    6Diax12     14    28.28    70    5545        14    28.28    70    5545  <t< td=""><td>(4000 Psi)      10      3      2024      6Diax12       14      28.28      64      5069         (4000 Psi)      10      3      2024      6Diax12       14      28.28      666      5228         (4000 Psi)      10      3      2024      6Diax12       14      28.28      666      5228         (4000 Psi)      10      3      2024      6Diax12       14      28.28      70      5545  </td></t<></td></td>	(4000 Psi)    10    3    2024    6Diax12      (4000 Psi)    10    3    2024    6Diax12	(4000 Psi)    10    3    2024    6Diax12       (4000 Psi)    10    3    2024    6Diax12       (4000 Psi)    10    3    2024    6Diax12       (4000 Psi)    10    3    2024    6Diax12	(4000 Psi)    10    3    2024    6Diax12     14          14          14          14          14 </td <td>(4000 Psi)    10    3    2024    6Diax12     14    28.28      (4000 Psi)    10    3    2024    6Diax12     14    28.28      (4000 Psi)    10    3    2024    6Diax12     14    28.28      (4000 Psi)    10    3    2024    6Diax12     14    28.28         14    28.28     14    28.28          14    28.28   </td> <td>(4000 Psi)    10    3    2024    6Diax12     14    28.28    64      (4000 Psi)    10    3    2024    6Diax12     14    28.28    66      (4000 Psi)    10    3    2024    6Diax12     14    28.28    70        14    28.28    70     14    28.28    70         14    28.28    70   </td> <td>(4000 Psi)    10    3    2024    6Diax12     14    28.28    64    5069      (4000 Psi)    10    3    2024    6Diax12     14    28.28    66    5228      (4000 Psi)    10    3    2024    6Diax12     14    28.28    66    5228      (4000 Psi)    10    3    2024    6Diax12     14    28.28    70    5545        14    28.28    70    5545  <t< td=""><td>(4000 Psi)      10      3      2024      6Diax12       14      28.28      64      5069         (4000 Psi)      10      3      2024      6Diax12       14      28.28      666      5228         (4000 Psi)      10      3      2024      6Diax12       14      28.28      666      5228         (4000 Psi)      10      3      2024      6Diax12       14      28.28      70      5545  </td></t<></td>	(4000 Psi)    10    3    2024    6Diax12     14    28.28         14    28.28     14    28.28          14    28.28	(4000 Psi)    10    3    2024    6Diax12     14    28.28    64      (4000 Psi)    10    3    2024    6Diax12     14    28.28    66      (4000 Psi)    10    3    2024    6Diax12     14    28.28    70        14    28.28    70     14    28.28    70         14    28.28    70	(4000 Psi)    10    3    2024    6Diax12     14    28.28    64    5069      (4000 Psi)    10    3    2024    6Diax12     14    28.28    66    5228      (4000 Psi)    10    3    2024    6Diax12     14    28.28    66    5228      (4000 Psi)    10    3    2024    6Diax12     14    28.28    70    5545        14    28.28    70    5545 <t< td=""><td>(4000 Psi)      10      3      2024      6Diax12       14      28.28      64      5069         (4000 Psi)      10      3      2024      6Diax12       14      28.28      666      5228         (4000 Psi)      10      3      2024      6Diax12       14      28.28      666      5228         (4000 Psi)      10      3      2024      6Diax12       14      28.28      70      5545  </td></t<>	(4000 Psi)      10      3      2024      6Diax12       14      28.28      64      5069         (4000 Psi)      10      3      2024      6Diax12       14      28.28      666      5228         (4000 Psi)      10      3      2024      6Diax12       14      28.28      666      5228         (4000 Psi)      10      3      2024      6Diax12       14      28.28      70      5545

#### 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

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.

Supervisor (Lab)



ORIGINAL
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the report has
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6996 Dr. Umbreen

To: Mr. Muhammad Hassnain Jaffar Project Manager, 7 Canal Developers

Project: 7 Canal Residential Apartment Buildings.

Our Ref. No. CL/CED/ 4623	Dated:	08-04-24	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

### **COMPRESSION TEST REPORT**



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

Specim	ens received on:	0	5-04	-24	Tested on:	08-0	)4-24	in dry/wet condition			Ü	12-34 <del>-</del> 96
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		21	3	2024	6Diax12		14	28.28	48	3802		Non Engraved
2		21	3	2024	6Diax12		16	28.28	60	4752		Non Engraved
3		21	3	2024	6Diax12		14.2	28.28	68	5386		Non Engraved
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Witness	ad by:											

#### Witnessed by:

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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
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been retained in
he lab for record.

6987 Dr. Qasim Khan

Test Specification

#### To: Engr. Jawad Ahmad

Civil Engineer, Watersprint Limited.

Project: Construction Site at House No. 814 - Z Block, DHA Phase-III.

Our Ref. No. CL/C	ED/ 4624-1 of 3	Dated:	08-04-24	]
Your Ref. No.	WSL-172/GL	Dated:	02-04-24	

### **COMPRESSION TEST REPORT**

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

Specimens received on:			03-04-24 Tested on:			04-04-24 in		in dry/wet condition				
Sr. No.	Mark*	Cas DD	•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (met.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	SIKA GROUT-114	3	4	2024	2x2x2		325	4	6.2	3416		Non Engraved
2	SIKA GROUT-114	3	4	2024	2x2x2		315	4	6.4	3526		Non Engraved
3	SIKA GROUT-114	3	4	2024	2x2x2	-	325	4	4.3	2369		Non Engraved
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#### Witnessed by: Mr. Rizwan Afzal & Mr. Kamran Sheikh

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

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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
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the report has
been retained in
he lab for record.

6987 Dr. M. Yousaf

#### To: Engr. Jawad Ahmad

Civil Engineer, Watersprint Limited.

Project: Construction Site at House No. 814 - Z Block, DHA Phase-III.

Our Ref. No. CL/C	ED/ 4624-2 of 3	Dated:	08-04-24	Test Specification
Your Ref. No.	WSL-172/GL	Dated:	02-04-24	( )

### **COMPRESSION TEST REPORT**



Specimens received on:			03-04-24 Tested on:		08-04-24 in dry/wet		et condition					
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (met.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	SIKA GROUT-114	3	4	2024	2x2x2		330	4	15.5	8541		Non Engraved
2	SIKA GROUT-114	3	4	2024	2x2x2		330	4	16.75	9229		Non Engraved
3	SIKA GROUT-114	3	4	2024	2x2x2	-	315	4	12	6612		Non Engraved
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#### Witnessed by: Mr. Rizwan Afzal & Mr. Kamran Sheikh

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**Civil Engineering Department** 

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

6989 Dr. Safeer Abbas

To: Mr. Ashiq Ali District, Lahore.

Project: Residence of Farah and Abdul Hassan 1202 T-DHA Phase-8.

Our Ref. No. CL/CE	D/ 4625	Dated:	08-04-24	Test Specification
Your Ref. No.	Gen-434/3	Dated:	04-04-24	( BS 1881-116 )

### **COMPRESSION TEST REPORT**



Specim	ens received on:	0	4-04	-24	Tested on:	08-0	)4-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD		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		20	2	2024	6x6x6		9	36	109	6782		Engraved
2		20	2	2024	6x6x6		8.8	36	101	6284		Engraved
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Witness	ed by: Nil		•		•	•	•	•	•		•	

#### Witnessed by: Nil

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6992 Dr. M. Yousaf

To: Engr. Najeeb Shahzad Project Manager, AIR Heights Developers (Pvt.) Ltd.

Project: DE View Project			
Our Ref. No. CL/CED/ 4626	Dated:	08-04-24	Test Specification
Your Ref. No. Nil	Dated:	03-04-24	(ASTM C39)

### COMPRESSION TEST REPORT

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

Specim	ens received on:	0	4-04	-24	Tested on:	08-0	)4-24	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	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	Raft	29	2	2024	6Diax12		13	28.28	85	6733		Non Engraved
2	Raft	29	2	2024	6Diax12		13.6	28.28	80	6337		Non Engraved
3	Raft	29	2	2024	6Diax12		14	28.28	83	6574		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

6994 Dr. M. Yousaf

To: Mr. Muhammad Shafait Munir

Material Specialist, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd. Project: Dualization of Road from Gujranwala to M-2 Interchange at Kot Sarwar via Hafizabad Km 6.20 to Km 80.35 Length 74.15 Km in District Gujranwala & Hafizabad (Section Km 40.20~55.40, L=15.20 Km) Our Ref. No. CL/CED/ 4627 08-04-24 Dated: **Test Specification** Your Ref. No. SA-466F/103/GH/ML/Lab/100 Dated: 29-03-24

### COMPRESSION TEST REPORT





(ASTM C39)

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

Specim	ens received on:	0	4-04	-24	Tested on:	08-0	)4-24	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Feeder Lcc Deck Slab Span # 8	7	3	2024	6Diax12		13	28.28	69	5465		Non Engraved
2	Feeder Lcc Deck Slab Span # 8	7	з	2024	6Diax12		13	28.28	69	5465		Non Engraved
3	Feeder Lcc Deck Slab Span # 8	7	3	2024	6Diax12		13.4	28.28	69	5465		Non Engraved
4	Flyover at Railway Pile # 07	8	3	2024	6Diax12		13	28.28	60	4752		Non Engraved
5	Flyover at Railway Pile # 07	8	3	2024	6Diax12	NEINE	R/13	28.28	66	5228		Non Engraved
6	Flyover at Railway Pile # 07	8	3	2024	6Diax12	READ N	12.4	28.28	69	5465		Non Engraved
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Witness	sed by: Nil											

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

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

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

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

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

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



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> 6988 Dr. M.Yousaf

To: Engr. Muhammad Fiaz, Sub Divisional Officer

The Punjab Employees Social Security Institution (Head Office) 3-A Gulberg V, Lahore. Project: Construction of Lift Well for Bed Lift at Khawaja Farid Social Security Hospital at Multan. (M/s H.H Associates)

Our Ref. No. CL/0	CED/ 4628	Dated:	08-04-24	Test Specification
Your Ref. No.	SS.W.W()/226	Dated:	03-04-24	( BS 1881-116 )

### COMPRESSION TEST REPORT



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

Specim	ens received on:	0	4-04	-24	Tested on:	08-0	)4-24	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	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		4	3	2024	6x6x6		9	36	84	5227		Engraved
2		4	3	2024	6x6x6		9	36	85	5289		Engraved
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Witness	ed by: Nil											

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Supervisor (Lab)



To:

# **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.

6925 Dr. M. Yousaf

Sub Divisional Officer		
Road Construction Sub Division No.1, Lahore.		
Project: Construction of Road from Qureshi Wala to	o Thela Village in District Lahor	e. ADP No. 4285 for the
Year 2023-24. (M/S Afzaal Brothers & Co)		
Our Ref. No. CL/CED/ 4629	Dated:	08-04-24
Your Ref. No. 479/RCSD-1	Dated:	12-02-24

### COMPRESSION TEST REPORT

Test Specification (----)

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

Specim	ens received on:	2	25-03	-24	Tested on:	08-0	)4-24	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	-	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	ASF				8.9 x 4.3 x 3	3960	3600	38.27	50	2927	10	
2	ASF				8.8 x 4.2 x 3	3890	3480	36.96	54	3273	11.78	
3	ASF				8.8 x 4.3 x 3.1	3885	3435	37.84	47	2782	13.1	
4	ASF				8.8 x 4.2 x 3	3750	3520	36.96	43	2606	6.53	
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Supervisor (Lab)