

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.

9295 Dr. M. Yousaf

To: Mr. M. Mazhar Magbool

G.M. (Planning & Admin), For Kraftcon (Pvt) Ltd .

Project: BIO MASS BOILER AT AZGARD-9 LIMITED, MANGA MANDI.

Test Specification	18/04/2025	Dated:	Our Ref. No. CL/CED/ 8020	
(BS 1881-116)	17/04/2025	Dated:	Your Ref. No. kpl/25/189	

COMPRESSION TEST REPORT

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

Specim	ens received on:	17	/04/2	2025	Tested on:	18/04/2025 in dry/wet condition		in dry/wet condition		Ē	jesues	
Sr. No.	Mark*	Cas DD	ting MM	Date*	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	Plinth Beam Conc. Type C20	11	4	2025	6x6x6		8.8	36	51	3173		Non Engraved
2	Plinth Beam Conc. Type C20	11	4	2025	6x6x6		8.8	36	49	3049		Non Engraved
3	Plinth Beam Conc. Type C20	11	4	2025	6x6x6		8.6	36	60	3733		Non Engraved
4												
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Witness	/											

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.



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G.M. (Planning & Admin), For Kraftcon (Pvt) Ltd .

Project: BIO MASS BOILER AT AZGARD-9 LIMITED, MANGA MANDI.

Test Specification	18/04/2025	Dated:	Our Ref. No. CL/CED/ 8021
(BS 1881-116)	17/04/2025	Dated:	Your Ref. No. kpl/25/190

COMPRESSION TEST REPORT

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

Specim	ens received on:	17	/04/2	2025	Tested on:	18/04	4/2025	in dry/wet	t condition		Ē	jesues
Sr. No.	Mark*	Cas	ting MM	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Trench Bed, Conc.	10	4	2025	6x6x6		8.6	36	40	2489		Non Engraved
2	Trench Bed, Conc. Type C26	10	4	2025	6x6x6		8.6	36	49	3049		Non Engraved
3	Trench Bed, Conc. Type C26	10	4	2025	6x6x6		8.4	36	48	2987		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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2. The test results are recommended to be interpreted in the light of above factors by the engineer.



9264 Engr. A. Rehman

To: Mr. Wagas Ali VARIANT, 25-t gulberg 2, Lahore

Project: Over Head	Project: Over Head Water Tank Wall											
Our Ref. No. CL/C	ED/ 8022	Dated:	18/4/2025	Test Specification								
Your Ref. No.	VA/29/182	Dated:	14/4/2025	(ASTM C39)								

COMPRESSION TEST REPORT

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

Specime	ens received on:	1	5/4/2	025	Tested on:	18/4	/2025	in dry/wet condition				jesteg
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kq/ qms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Over Head Water Tank Wall	4	2	2025	6Diax12		14	28.28	56	4436		Non Engraved
2	Over Head Water Tank Wall	4	2	2025	6Diax12		14.2	28.28	75	5941		Non Engraved
3	Over Head Water Tank Wall	4	2	2025	6Diax12		13.4	28.28	66	5228		Non Engraved
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Witnoss	od by: Mr Babar A			25201	0067604_3							

witnessed by: Mr. Babar Ali, CNIC 35201-9967694-3

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

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

Supervisor (Lab)



9264 Engr. A. Rehman

To: Mr. Wagas Ali VARIANT, 25-t gulberg 2, Lahore

Project: OHWT & Generator Pads			
Our Ref. No. CL/CED/ 8023	Dated:	18/4/2025	Test Specification
Your Ref. No. VA/29/181	Dated:	14/4/2025	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15/4/2025 Tested on: 18/4/2025 in dry/wet condition				t condition			jester;					
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	OHWT & Generator Pads	23	1	2025	6Diax12	(rtg/ gills) 	(rtg/ gills) 14	28.28	70	(psi) 5545		Non Engraved
2	OHWT & Generator Pads	23	1	2025	6Diax12		14	28.28	70	5545		Non Engraved
3	OHWT & Generator Pads	23	1	2025	6Diax12		14.6	28.28	83	6574		Non Engraved
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16												
Witness	Witnessed by: Mr. Babar Ali, CNIC 35201 996769/ 3											

itnessed by: Mr. Babar Ali, CNIC 35201-9967694-3

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

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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.



To: Mr. Wagas Asif

Director, iCon Construction Services, Johar Town, Lahore

Project: Fauzia & Harris Residence at Green Ford Lahore

Our Ref. No. CL/CED/ 8024	Dated:	18/4/2025	Test Specification
Your Ref. No. Nil	Dated:	10/04/2025	(ASTM C39)

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9246 Dr. M. Yousaf

COMPRESSION TEST REPORT

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

Specime	ens received on:	1	0/4/2	025	Tested on:	18/4	/2025	in dry/wet condition			Ċ	
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	4000 Psi	27	2	2025	6Diax12		14	28.28	69	5465		Engraved
2	4000 Psi	27	2	2025	6Diax12		13.6	28.28	57	4515		Engraved
3	4000 Psi	27	2	2025	6Diax12		13.8	28.28	49	3881		Engraved
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Witness	ed by:											

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

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To: Mr. Wagas Asif

Director, iCon Construction Services, Johar Town, Lahore

Project: Fauzia & Harris Residence at Green Ford Lahore

Our Ref. No. CL/CED/ 8025	Dated:	18/4/2025	Test Specification
Your Ref. No. Nil	Dated:	10/04/2025	(ASTM C39)

COMPRESSION TEST REPORT

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

Specime	ens received on:	1	0/4/2	025	Tested on:	18/4	/2025	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	3000 Psi	18	2	2025	6Diax12		13.6	28.28	68	5386		Engraved
2	3000 Psi	18	2	2025	6Diax12		13.2	28.28	64	5069		Engraved
3	3000 Psi	18	2	2025	6Diax12		12.4	28.28	26	2059		Engraved
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Vitnessed by:

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Director/Dy. Director Concrete Laboratory

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the lab for record.

9246 Dr. M. Yousaf



To: Mr. Wagas Asif

Director, iCon Construction Services, Johar Town, Lahore

Project: Fauzia & Harris Residence at Green Ford Lahore

Our Ref. No. CL/CED/ 8026	Dated:	18/4/2025	Test Specification
Your Ref. No. Nil	Dated:	10/04/2025	(ASTM C39)

ORIGINAL A carbon copy for

the report has been retained in

the lab for record.

9246 Dr. M. Yousaf

COMPRESSION TEST REPORT

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

Specime	ens received on:	1	0/4/2	025	Tested on:	18/4	/2025	in dry/wet condition		Ċ	jester	
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 Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	3000 Psi	13	3	2025	6Diax12		13	28.28	48	3802		Engraved
2	3000 Psi	13	3	2025	6Diax12		13.6	28.28	42	3327		Engraved
3	3000 Psi	13	3	2025	6Diax12		13.6	28.28	39	3089		Engraved
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Dated:

Dated:

18/4/2025

15/4/2025

Test Specification

(ASTM C39)

Project: 7Canal Residential Apartment Buildings

Your Ref. No. Nil

COMPRESSION TEST REPORT

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

Specime	ens received on:	1	6/4/2	025	Tested on:	18/4	/2025	in dry/we	t condition			jester
Sr. No.	Mark*	Cas DD	asting Date* D MM 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	5500 Psi	15	3	2025	6Diax12		14	28.28	96	7604		Non Engraved
2	5500 Psi	15	3	2025	6Diax12		13.6	28.28	81	6416		Non Engraved
3	4000 Psi	28	3	2025	6Diax12		13.8	28.28	64	5069		Non Engraved
4	4000 Psi	28	3	2025	6Diax12		13.8	28.28	54	4277		Non Engraved
5	4000 Psi	29	3	2025	6Diax12	EINE	RI 14	28.28	68	5386		Non Engraved
6	4000 Psi	29	3	2025	6Diax12	READ IN	-14	28.28	60	4752		Non Engraved
7	4000 Psi	9	4	2025	6Diax12	THE NAME OF THY LORD WHO	-14	28.28	38	3010		Non Engraved
8	4000 Psi	9	4	2025	6Dia <mark>x12</mark>	Unicality of California	14	28.28	56	4436		Non Engraved
9	5500 Psi	13	2	2025	6Diax12		14	28.28	73	5782		Non Engraved
10	5500 Psi	13	2	2025	6Diax12		14.4	28.28	86	6812		Non Engraved
11												
12												
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14												
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16												
Witnoss	od by: Mr Shabbir	· Hue	eain	CNIC	35202-313581/	1.3						

vitnessed by: Mr. Shabbir Hussain, CNIC 35202-3135814-3

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

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



-				
Our Ref. No. CL/	/CED/ 8028	Dated:	18/4/2025	Test Specification
Your Ref. No.	HAC-MAC/24/ECAS/Lab/0020	Dated:	11/03/2025	(ASTM C39)

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

Specimens received on:			11/4/2025		Tested on:	18/4/2025		in dry/wet condition					
Sr. No.	Mark*	Cas DD	Casting Date*		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	First Floor Columns, 4Ksi	11	2	2025	6Diax12		14	28.28	97	7683		Non Engraved	
2	First Floor Columns, 4Ksi	11	2	2025	6Diax12		13.8	28.28	58	4594		Non Engraved	
3	First Floor Columns, 4Ksi	11	2	2025	6Diax12		13.4	28.28	69	5465		Non Engraved	
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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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



··· , ·····				
Our Ref. No. CL/	CED/ 8029	Dated:	18/4/2025	Test Specification
Your Ref. No.	HAC-MAC/24/ECAS/Lab/0021	Dated:	16/3/2025	(ASTM C39)

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

Specimens received on: 11/4		1/4/2	025	Tested on:	18/4	/2025	in dry/wet	t condition			jester;	
Sr. No.	Mark*	Cas DD	asting Date*		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	First Floor Slab (3000 Psi)	16	2	2025	6Diax12		13	28.28	54	4277		Non Engraved
2	First Floor Slab (3000 Psi)	16	2	2025	6Diax12		13.4	28.28	59	4673		Non Engraved
3	First Floor Slab (3000 Psi)	16	2	2025	6Diax12		13.4	28.28	58	4594		Non Engraved
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Witnessed by:

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

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



Our Ref. No. CL	/CED/ 8030	Dated:	18/4/2025	Test Specification
Your Ref. No.	HAC-MAC/24/ECAS/Lab/0023	Dated:	19/3/2025	(ASTM C39)

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

Specim	ens received on:	1	1/4/2	025	Tested on:	18/4	/2025	in dry/we	t condition			je na s
Sr. No.	Mark*	Cas DD	Casting Date*		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	First Floor Columns, 4Ksi	19	2	2025	6Diax12		13.6	28.28	67	5307		Non Engraved
2	First Floor Columns, 4Ksi	19	2	2025	6Diax12		13.6	28.28	70	5545		Non Engraved
3	First Floor Columns, 4Ksi	19	2	2025	6Diax12		13.6	28.28	64	5069		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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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

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.



··· , ·····				
Our Ref. No. CL/0	CED/ 8031	Dated:	18/4/2025	Test Specification
Your Ref. No.	HAC-MAC/24/ECAS/Lab/0024	Dated:	23/3/2025	(ASTM C39)

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

Specimens received on:		1'	1/4/2	025	Tested on:	18/4	/2025	in dry/wet	t condition			je na s
Sr. No.	Mark*	Cas	asting Date* D MM YYYY		Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	First Floor Columns 4Ksi	23	2	2025	6Diax12		14	28.28	65	5149		Non Engraved
2	First Floor Columns, 4Ksi	23	2	2025	6Diax12		14	28.28	69	5465		Non Engraved
3	First Floor Columns, 4Ksi	23	2	2025	6Diax12		13.2	28.28	71	5624		Non Engraved
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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.



Our Ref. No. CL/C	ED/ 8032	Dated:	18/4/2025	Test Specification
Your Ref. No.	HAC-MAC/24/ECAS/Lab/0026	Dated:	29/3/2025	(ASTM C39)

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

Specimens received on:			11/4/2025		Tested on:	18/4/2025		in dry/wet condition				je na s
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	First Floor Columns, 4Ksi	5	3	2025	6Diax12		13.2	28.28	52	4119		Non Engraved
2	First Floor Columns, 4Ksi	5	3	2025	6Diax12		13.2	28.28	51	4040		Non Engraved
3	First Floor Columns, 4Ksi	5	3	2025	6Diax12		13.4	28.28	60	4752		Non Engraved
4												
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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 compressive 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.



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.

9260 Engr. A. Rehman

To: Mr. Sulman

(Material Eng) BH Consultants, Garden Town, Lahore.

Project: Construction of 4-Storey Commercial Building (Frame Structure) J-Block, Valancia Society, Lahore.

Our Ref. No. CL/0	CED/ 8033	Dated:	18/4/2025	Test Specification
Your Ref. No.	Request#41	Dated:	11/04/2025	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on:		11/4/2025		025	Tested on:	18/4/2025		in dry/wet condition			Ë	jesues
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	•(///	
1	Pool Wall (4000 Psi)	26	3	2025	6Diax12		13	28.28	51	4040		Non Engraved
2	Pool Wall (4000 Psi)	26	3	2025	6Diax12		13.6	28.28	60	4752		Non Engraved
3	Pool Wall (4000 Psi)	26	3	2025	6Diax12		13.2	28.28	66	5228		Non Engraved
4	Columns + Lift wall (4000 Psi)	27	3	2025	6Diax12		13	28.28	52	4119		Non Engraved
5	Columns + Lift wall (4000 Psi)	27	3	2025	6Diax12	GINE	13.6	28.28	63	4990		Non Engraved
6	Columns + Lift wall (4000 Psi)	27	3	2025	6Diax12	READ IN	13.2	28.28	66	5228		Non Engraved
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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.



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.

9260 Engr. A. Rehman

To: Mr. Sulman

(Material Eng) BH Consultants, Garden Town, Lahore

Project: Construction of 4-Storey Commercial Building (Frame Structure) E1-Block, Valancia Society, Lahore.

Our Ref. No. CL/	CED/ 8034	Dated:	18/4/2025	Test Specification
Your Ref. No.	Request#42	Dated:	11/04/2025	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimo	ens received on:	11/4/2025		025	Tested on:	18/4/2025		in dry/wet condition			Ü	itenes:
Sr. No.	Mark*	Casting Date*		Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Column (4000 Psi)	13	3	2025	6Diax12		13.2	28.28	63	4990		Non Engraved
2	Column (4000 Psi)	13	3	2025	6Diax12		13	28.28	72	5703		Non Engraved
3	Column (4000 Psi)	13	3	2025	6Diax12		13.8	28.28	64	5069		Non Engraved
4	Stair + Columns (4000 Psi)	13	3	2025	6Diax12		13	28.28	65	5149		Non Engraved
5	Stair + Columns (4000 Psi)	13	3	2025	6Diax12	GINE	13.2	28.28	65	5149		Non Engraved
6	Stair + Columns (4000 Psi)	13	3	2025	6Diax12		13.4	28.28	78	6178		Non Engraved
7	Water Tank Slab (4000 Psi)	27	3	2025	6Diax12	THE NAME	- 13.8	28.28	54	4277		Non Engraved
8	Water Tank Slab (4000 Psi)	27	3	2025	6Diax12		13.4	28.28	63	4990		Non Engraved
9	Water Tank Slab (4000 Psi)	27	3	2025	6Diax12	-	13.4	28.28	64	5069		Non Engraved
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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.



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.

9260 Engr. A. Rehman

To: Mr. Sulman

(Material Eng) BH Consultants, Garden Town, Lahore

Project: Construction of 4-Storey Commercial Building (Frame Structure) K-Block, Valancia Society, Lahore.

Our Ref. No. CL/	CED/ 8035	Dated:	18/4/2025	Test Specification
Your Ref. No.	Request#44	Dated:	11/04/2025	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on:		11/4/2025		025	Tested on:	18/4/2025		in dry/wet condition				
Sr. No.	Mark*	Cas	ting MM	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Water Tank Wall (4000 Psi)	10	3	2025	6Diax12		14.2	28.28	66	5228		Non Engraved
2	Water Tank Wall (4000 Psi)	10	3	2025	6Diax12		13.8	28.28	72	5703		Non Engraved
3	Water Tank Wall (4000 Psi)	10	3	2025	6Diax12		13.2	28.28	58	4594		Non Engraved
4	Water Tank Slab (4000 Psi)	25	3	2025	6Diax12		13.6	28.28	57	4515		Non Engraved
5	Water Tank Slab (4000 Psi)	25	3	2025	6Diax12	GINE	13.4	28.28	65	5149		Non Engraved
6	Water Tank Slab (4000 Psi)	25	3	2025	6Diax12	READ IN	13.8	28.28	63	4990		Non Engraved
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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.



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.

9267 Engr. A. Rehman

To: Engr. Hassan Mahmood Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

Project: Construction of DHA New Life Residencia Apartments at 273/1 Q Block Phase-II DHA, Lahore.

Our Ref. No. CL/0	CED/ 8036	Dated:	18/4/2025	Test Specification
Your Ref. No.	G3/DHA-NLD/RE/Prof/26	Dated:	19/3/2025	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimo	imens received on: 15/4/2025 Tested on: 18/4/2025 in dry/wet condition					Ü	je subsi					
Sr. No.	Mark*	Cas	ting MM	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 Psi	19	2	2025	6Diax12		14	28.28	91	7208		Non Engraved
2	4000 Psi	19	2	2025	6Diax12		14	28.28	89	7050		Non Engraved
3	4000 Psi	19	2	2025	6Diax12		13.6	28.28	79	6257		Non Engraved
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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.



Resident Enginee	Resident Engineer, New Vision Engineering Consultant											
Project: Upgradation & Modernization of Pakistan Mint Phase II-A Shalimar Town GT Road Lahore (Roof Slab & Beam Grid (1/5')~A/D)												
Our Ref. No. CL/C	ED/ 8037	Dated:	18/4/2025	Test Specification								
Your Ref. No. NVEC/RE/PAKMINT/2025/07 Dated: 29/03/2025												

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COMPRESSION TEST REPORT

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

Specime	ens received on:	11/4/2025		025	Tested on:	18/4/2025		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	4000 Psi	1	3	2025	6Diax12		13.4	28.28	78	6178		Non Engraved
2	4000 Psi	1	3	2025	6Diax12		13.6	28.28	66	5228		Non Engraved
3	4000 Psi	1	3	2025	6Diax12		13.6	28.28	70	5545		Non Engraved
4	4000 Psi	1	3	2025	6Diax12		13.8	28.28	57	4515		Non Engraved
5	4000 Psi	1	3	2025	6Diax12	EINE	13.4	28.28	63	4990		Non Engraved
6	4000 Psi	1	3	2025	6Diax12	READIN	-13.4	28.28	89	7050		Non Engraved
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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.

9274 Engr. A. Rehman

To: Mr. Rashid Kamran

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

Project: Construction of Electric Bus Depot at Green Town, Lahore (Main Building Basement Slab)

Our Ref. No. CL/	CED/ 8038	Dated:	18/4/2025	Test Specification
Your Ref. No.	4792/13/RK/05/52	Dated:	14/4/2025	(ASTM C39)

COMPRESSION TEST REPORT

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

Specime	ens received on:	1	5/4/2	025	Tested on:	18/4	/2025	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	4000 Psi	7	3	2025	6Diax12		14	28.28	68	5386		Non Engraved
2	4000 Psi	7	3	2025	6Diax12		14	28.28	68	5386		Non Engraved
3	4000 Psi	7	3	2025	6Diax12		14	28.28	62	4911		Non Engraved
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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.



To: Mr. Huzaifa Javed

Lt Commander PN, GE (Navy) Lahore

Project: Testing of Construction Material GE (Navy) Lahore.

Our Ref. No. CL/CED/ 8039	Dated:	18/4/2025	Test Specification
Your Ref. No. 6000/100/E-6	Dated:	15/4/2025	()

COMPRESSION TEST REPORT

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

Specimens received on:		1	5/4/2	025	Tested on:	18/4	/2025	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	Solid Block (PCC 1:3:6)				11.9 x 8 x 8		27.6	95.2	58	1365		
2	Solid Block (PCC 1:3:6)				12 x 8 x 8		28.4	96	54	1260		
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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.



To: Mr. Huzaifa Javed

Lt Commander PN, GE (Navy) Lahore

Project: Testing of Construction Material GE (Navy) Lahore.

Our Ref. No. CL/CED/ 8040	Dated:	18/4/2025	Test Specification
Your Ref. No. 6000/101/E-6	Dated:	15/4/2025	()

COMPRESSION TEST REPORT

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

Specimens received on:		1	5/4/2	025	Tested on:	18/4	/2025	in dry/wet	t condition			je na s
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	Solid Block (PCC 1:3:6)				11.9 x 5.9 x 8		20	70.21	30	957		
2	Solid Block (PCC 1:3:6)				11.9 x 5.9 x 8		19	70.21	69	2201		
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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 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.