

Civil Engineering Department

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

7764 Dr. M. Yousaf

To: Mr. Tahawar Owais

Project Manager, DSG Energy

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

Our Ref. No. CL/C	ED/ 5834	Dated:	09-09-24	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	9-09	-24	Tested on:	09-0)9-24	in dry/wet	condition		[1680899
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	0.1 (70)	
1		4	8	2024	6Diax12		14.2	28.28	67	5307		Non Engraved
2		4	8	2024	6Diax12		14	28.28	65	5149		Non Engraved
3		4	8	2024	6Diax12		14	28.28	69	5465		Non Engraved
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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)



Civil Engineering Department

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

7771 Dr. M. Yousaf

To: Manager ABL-UML P-199&200

Project: Construction of ABL Upper Mall Lahore Plot No. 199, 200. (7th Floor Slab 1-5/B-E & 1-5/A-B & 5-7/A-E)

Our Ref. No. CL	/CED/ 5835	Dated:	09-09-24	Test Specification
Your Ref. No.	ABL-UML-AMC-QAQC-88	Dated:	09-09-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	C	9-09	-24	Tested on:	09-0	9-24	in dry/we	t condition			jester
Sr. No.	Mark*	Cas DD	sting 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	Cylinder # 816	28	8	2024	6Diax12		14	28.28	46	3644		Non Engraved
2	Cylinder # 817	28	8	2024	6Diax12		14	28.28	44	3485		Non Engraved
3	Cylinder # 818	28	8	2024	6Diax12		14	28.28	54	4277		Non Engraved
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Witnessed by:

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Project: CONSTRUCTION OF NEW 500KV CIRCUIT BREAKER FOUNDATIONS AT ROUSH POWER PLANT, KHANEWAL PAKISTAN. (Pad Concrete of Foundation B2Q2 (L1, L2)). Our Ref. No. CL/CED/ 5836 Dated: 09-09-24 **Test Specification** Dated: 26-08-24

Your Ref. No. Rousch/24/MU/06

COMPRESSION TEST REPORT

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



Witnessed by:

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Director/Dy. Director Concrete Laboratory

(ASTM C39)



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

7759 Dr. M. Yousaf

Engr. M Usama To:

Project Engineer, Struc-Arch Pakistan. Project: CONSTRUCTION OF NEW 500KV CIRCUIT BREAKER FOUNDATIONS AT ROUSH POWER PLANT, KHANEWAL PAKISTAN. (Padestal Concrete of Foundation B3Q2L1) Our Ref. No. CL/CED/ 5837 Dated: 09-09-24 Test Specification Your Ref. No. Rousch/24/MU/07 Dated: 02-09-24 (ASTM C39)

Mobile: 0307-0496895

COMPRESSION TEST REPORT



ens received on:	0	6-09 [.]	-24	Tested on:	09-0	9-24	in dry/we	condition		Ē	12208-96
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
	26	8	2024	6Diax12		13.6	28.28	30	2376		Non Engraved
	26	8	2024	6Diax12		13	28.28	57	4515		Non Engraved
	26	8	2024	6Diax12		14	28.28	38	3010		Non Engraved
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7759 Dr. M. Yousaf

(ASTM C39)

Engr. M Usama To:

Project Engineer, Struc-Arch Pakistan. Project: CONSTRUCTION OF NEW 500KV CIRCUIT BREAKER FOUNDATIONS AT ROUSH POWER PLANT, KHANEWAL PAKISTAN. (Padestal Concrete of Foundation B3Q2L2) Our Ref. No. CL/CED/ 5838 Dated: 09-09-24 Test Specification Your Ref. No. Rousch/24/MU/08 Dated: 04-09-24

COMPRESSION TEST REPORT



Specim	ens received on:	0	6-09	-24	Tested on:	09-0)9-24	in dry/we	t condition		Ē	16238896
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		28	8	2024	6Diax12		13	28.28	43	3406		Non Engraved
2		28	8	2024	6Diax12		14	28.28	49	3881		Non Engraved
3		28	8	2024	6Diax12		14	28.28	34	2693		Non Engraved
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Witnessed by:

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Project: Correctional Facilities Revamping Programe one at District Jail Silakot (NRP) ADP No.3716 for the year 2023-2024. Our Ref. No. CL/CED/ 5839 Dated: 09-09-24 Your Ref. No. No.199 Dated: 03-07-24

COMPRESSION TEST REPORT



Test Specification

(----)

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

Specim	ens received on:	2	8-08	-24	Tested on:	09-0	9-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Machine Made Double line				8.6 x 4.2 x 2.8		2700	36.12	45	2791		
2	Machine Made Double line				8.5 x 4.2 x 2.8		2800	35.7	45	2824		
3	Machine Made Double line				8.7 x 4.2 x 2.8		2890	36.54	48	2943		
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Witnessed by:

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Supervisor (Lab)



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7750 Dr. M. Yousaf

To: Mr. Muhammad Sajjad **Project Incharge**

Project: Construction of House No. 60, C Block Model Town, Lahore

Our Ref. No. CL/CED/ 5840	Dated:	09-09-24	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	5-09	-24	Tested on:	09-0	9-24]in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	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	1st Floor Slab (3000 Psi)	22	8	2024	6Diax12		13.8	28.28	67	5307		Non Engraved
2	1st Floor Slab (3000 Psi)	22	8	2024	6Diax12		13.6	28.28	56	4436		Non Engraved
3	1st Floor Slab (3000 Psi)	22	8	2024	6Diax12		14	28.28	56	4436		Non Engraved
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Witness	od by: Nil											

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7716 Dr. M. Yousaf

To: Mr. Kashif Mahmood

Assistant Engineer, ITU (Information Technology University of the Punjab)

Project: Construction of Multipurpose Building at Main Campus Barki Road, Lahore.

Our Ref. No. CL/C	ED/ 5841	Dated:	09-09-24	Test Specification
Your Ref. No.	ITU/OEW/24/305	Dated:	02-09-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	02-09-24		-24	Tested on:	09-09-24		_in dry/wet condition				ONLINE REPORT	
Sr. No.	Mark*	Cas DD	ting MM	Date*	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	Plinth Beam, Grid 8'- 12/A-F(3000 Psi)	25	8	2024	6Diax12		13	28.28	30	2376		Non Engraved
2	Plinth Beam, Grid 8'- 12/A-F(3000 Psi)	25	8	2024	6Diax12	-	13	28.28	30	2376		Non Engraved
3	Plinth Beam, Grid 8'- 12/A-F(3000 Psi)	25	8	2024	6Diax12		13	28.28	33	2614		Non Engraved
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Witnessed by: Nil												

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7748 Dr. M. Yousaf

To: Mr. M. Hassan

Project Director, Al-Hayat Residencia

Project: Al-Hayat Residencia Safari Zoo Road.

Our Ref. No. CL/Cl	ED/ 5842	Dated:	09-09-24	Test Specification
Your Ref. No.	Nil	Dated:	05-09-24	(ASTM C39)

COMPRESSION TEST REPORT

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

Specime	05-09-24		-24	Tested on:	09-09-24		in dry/wet condition				ONLINE REPORT	
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	(4500 Psi)	31	7	2024	6Diax12		13.2	28.28	54	4277		Non Engraved
2	(4500 Psi)	31	7	2024	6Diax12		14	28.28	55	4356		Engraved
3	(4500 Psi)	5	8	2024	6Diax12		14	28.28	68	5386		Engraved
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Witness	od by: Nil											

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7728 Dr. M. Yousaf

To: Mr. Farrukh Jamal

Projects Manager, Unicon Consulting Services (Pvt) Ltd.

Project: Construction of Bank of Punjab Building at C-Block, Model Town, Lahore.

Our Ref. No. CL/CI	ED/ 5843	Dated:	09-09-24	Test Specification
Your Ref. No.	Nil	Dated:	22-08-24	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-24		-24	Tested on:	09-09-24		in dry/wet condition				ONLINE REPORT		
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	Basement Slab	27	7	2024	6Diax12		13.4	28.28	52	4119		Engraved
2	Basement Slab	27	7	2024	6Diax12		13.6	28.28	50	3960		Engraved
3	Basement Slab	27	7	2024	6Diax12		13.8	28.28	44	3485		Engraved
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Witnessed by: Nil

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7736 Dr. M. Yousaf

To: Noor UI Huda

Quantity Surveyor, Professional Construction Services (Pvt) Ltd.

Project: Construction of Allied Bank Limited Link Road Branch, Lahore.

Our Ref. No. CL/C	ED/ 5844	Dated:	09-09-24	Test Specification
Your Ref. No.	PCS/24/Eng-65-A	Dated:	03-09-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on:		0	04-09-24		Tested on:	09-09-24		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		סט	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp. I ons)	(psi)	- ()	
1	Locker+Vault Wall (4000 Psi)	25	7	2024	6Diax12		13.4	28.28	54	4277		Non Engraved
2	Locker+Vault Wall (4000 Psi)	25	7	2024	6Diax12		13.6	28.28	54	4277		Non Engraved
3												
4												
5					<	NETNE	RING					
6					>		2000	_				
7						OF THY CREATES	زیجب الد فی خلق ر					
8												
9					2			N				
10					<		IOR <u>E</u>					
11												
12												
13												
14												
15												
16												
Witness	Witnessed by: Nil											

lithessea by: NI

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)



Civil Engineering Department

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

7736 Dr. M. Yousaf

To: Noor UI Huda

Quantity Surveyor, Professional Construction Services (Pvt) Ltd.

Project: Construction of Allied Bank Limited Link Road Branch, Lahore.

Our Ref. No. CL/C	ED/ 5845	Dated:	09-09-24	Test Specification
Your Ref. No.	PCS/24/Eng-65-B	Dated:	03-09-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	0	4-09	-24	Tested on:	09-0)9-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	1st Floor Slab Part- 01	5	8	2024	6Diax12		14.4	28.28	60	4752		Non Engraved
2	1st Floor Slab Part- 01	5	8	2024	6Diax12		14	28.28	47	3723		Non Engraved
3												
4												
5					-	STINE	RIA .					
6						READ N	2007	<u> </u>				
7						OF THY HORD WHO OREATES	زیک ان کی خلق ر	1				
8					S.8			5				
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11												
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14												
15												
16												
Witness	ed by: Nil											

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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.

> 7745 Dr. M. Yousaf

Mr. Mohammad Aslam Manager, Construction S-2 Allied Bank Ltd. Engg. Cell, Sout	h-II, Abdali Tower,Ab	dali Road, Multan
Project:Construction of a New Building for ABL Sheikh Cotto Vehari.	on Colony Branch (10	51) & Regional Office
Our Ref. No. CL/CED/ 5846	Dated:	09-09-24
Your Ref. No. GHQ/S2/CRM/MA/2024/336	Dated:	03-09-24

COMPRESSION TEST REPORT



Test Specification (ASTM C39)

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

Specimens received on:		0	05-09-24		Tested on:	09-09-24		_in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	Ground Floor	6	8	2024	6Diax12	(rtg/ giii3) 	13.5	28.28	90	7129		Non Engraved
2	Columns Ground Floor	6	8	2024	6Diax12		14	28.28	85	6733		Non Engraved
3	Ground Floor Columns	6	8	2024	6Diax12		14	28.28	78	6178		Non Engraved
4												
5					(NUT	RINT					
6);	READ IN	ROTT	_				
7						OF THY -CORD WHC CREATES	زیجب الذکی خلق ر	3				
8								5-				
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10							IORE.					
11												
12												
13												
14												
15												
16												
Witness	ad by: Nil											

witnessea by: Nii

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

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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

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> 7745 Dr. M. Yousaf

Mr. Mohammad Aslam Manager, Construction S-2 Allied Bank Ltd. Engg. Cell, Sou	uth-II, Abdali Tower,Ab	dali Road, Multan
Project:Construction of a New Building for ABL Sheikh Co Vehari.	tton Colony Branch (10	51) & Regional Office
Our Ref. No. CL/CED/ 5847	Dated:	09-09-24
Your Ref. No. GHQ/S2/CRM/MA/2024/337	Dated:	03-09-24

COMPRESSION TEST REPORT



Test Specification (ASTM C39)

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

Specimens received on:		05-09-24		-24	Tested on:	09-09-24		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	Ground Floor Slab	27	8	2024	6Diax12	(rtg/ gills) 	(Rg/ gms) 13.4	28.28	36	2851		Non Engraved
2	Ground Floor Slab	27	8	2024	6Diax12		13.4	28.28	54	4277		Non Engraved
3	Ground Floor Slab	27	8	2024	6Diax12		13	28.28	53	4198		Non Engraved
4												
5					<	STATI	RING					
6					>	READ IN	2071					
7						OF THY BORD WHO CREATES	زیجب الد فی خلق ر	133				
8												
9					3	20-		~				
10							IDR <u>F.</u>					
11												
12												
13												
14												
15												
16												
Witness	ed by: Nil											

litnessea by: Ni

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