

Project Engineer	, Struc-Arch Pakistan.		
•	RUCTION OF NEW 500KV CIRCUIT BREAKER FOUL		,
KHANEWAL PAK	ISTAN. (Lean Concrete of Foundation B3Q2 (L1, L	2, L3) & B2Q2 ((L1,L2,L3)).
Our Ref. No. CL/	CED/ 5867	Dated:	11-09-24
Your Ref. No.	Rousch/24/MU/10	Dated:	06-09-24

COMPRESSION TEST REPORT

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

			-24	Tested on:	11-0	9-24	in dry/wet	condition		0	
Mark*	Cas DD	-		Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)			Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
	9	8	2024	6Diax12		13	28.28	37	2931		Non Engraved
	9	8	2024	6Diax12		13	28.28	43	3406		Non Engraved
	9	8	2024	6Diax12		13	28.28	35	2772		Non Engraved
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		Mark* DD 9	Mark* DD MM 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 <td>DD MM YYYY 9 8 2024 9 8 2024 9 8 2024 9 8 2024 9 8 2024 9 8 2024 9 8 2024 9 8 2024 9 8 2024 9 8 2024 9 8 2024 9 8 2024 9 8 2024 </td> <td>Mark* DD MM YYYY (in) 9 8 2024 6Diax12 </td> <td>Mark* DD MM YYYY (in) (Kg/ gms) 9 8 2024 6Diax12 </td> <td>Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) 9 8 2024 6Diax12 13 1 1 1 13 113</td> <td>Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) 9 8 2024 6Diax12 13 28.28 <t< td=""><td>Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons) 9 8 2024 6Diax12 13 28.28 37 9 8 2024 6Diax12 13 28.28 43 9 8 2024 6Diax12 13 28.28 43 9 8 2024 6Diax12 13 28.28 35 1</td><td>Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp. Tons) (psi) 9 8 2024 6Diax12 13 28.28 37 2931 9 8 2024 6Diax12 13 28.28 43 3406 9 8 2024 6Diax12 13 28.28 43 3406 9 8 2024 6Diax12 13 28.28 35 2772 13 28.28 35 2772 13 28.28 35 2772 </td><td>Mark* DD MW YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp. Tons) (psi) Absorption (%) 9 8 2024 6Diax12 13 28.28 37 2931 9 8 2024 6Diax12 13 28.28 35 2772 9 8 2024 6Diax12 13 28.28 35 2772 1 1 </td></t<></td>	DD MM YYYY 9 8 2024 9 8 2024 9 8 2024 9 8 2024 9 8 2024 9 8 2024 9 8 2024 9 8 2024 9 8 2024 9 8 2024 9 8 2024 9 8 2024 9 8 2024	Mark* DD MM YYYY (in) 9 8 2024 6Diax12 9 8 2024 6Diax12	Mark* DD MM YYYY (in) (Kg/ gms) 9 8 2024 6Diax12 9 8 2024 6Diax12	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) 9 8 2024 6Diax12 13 1 1 1 13 113	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) 9 8 2024 6Diax12 13 28.28 9 8 2024 6Diax12 13 28.28 <t< td=""><td>Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons) 9 8 2024 6Diax12 13 28.28 37 9 8 2024 6Diax12 13 28.28 43 9 8 2024 6Diax12 13 28.28 43 9 8 2024 6Diax12 13 28.28 35 1</td><td>Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp. Tons) (psi) 9 8 2024 6Diax12 13 28.28 37 2931 9 8 2024 6Diax12 13 28.28 43 3406 9 8 2024 6Diax12 13 28.28 43 3406 9 8 2024 6Diax12 13 28.28 35 2772 13 28.28 35 2772 13 28.28 35 2772 </td><td>Mark* DD MW YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp. Tons) (psi) Absorption (%) 9 8 2024 6Diax12 13 28.28 37 2931 9 8 2024 6Diax12 13 28.28 35 2772 9 8 2024 6Diax12 13 28.28 35 2772 1 1 </td></t<>	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons) 9 8 2024 6Diax12 13 28.28 37 9 8 2024 6Diax12 13 28.28 43 9 8 2024 6Diax12 13 28.28 43 9 8 2024 6Diax12 13 28.28 35 1	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp. Tons) (psi) 9 8 2024 6Diax12 13 28.28 37 2931 9 8 2024 6Diax12 13 28.28 43 3406 9 8 2024 6Diax12 13 28.28 43 3406 9 8 2024 6Diax12 13 28.28 35 2772 13 28.28 35 2772 13 28.28 35 2772	Mark* DD MW YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp. Tons) (psi) Absorption (%) 9 8 2024 6Diax12 13 28.28 37 2931 9 8 2024 6Diax12 13 28.28 35 2772 9 8 2024 6Diax12 13 28.28 35 2772 1 1

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.

Director/Dy. Director Concrete Laboratory

Test Specification (ASTM C39)



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.

7784 Dr. Ubaid Ahmad

Engr. M Usama To:

Project Engineer, Struc-Arch Pakistan. Project: CONSTRUCTION OF NEW 500KV CIRCUIT BREAKER FOUNDATIONS AT ROUSH POWER PLANT, KHANEWAL PAKISTAN. (Pedestal Concrete of Foundation B2Q2L2). Our Ref. No. CL/CED/ 5868 Dated: 11-09-24 Test Specification Your Ref. No. Rousch/24/MU/11 Dated: 08-09-24

COMPRESSION TEST REPORT



(ASTM C39)

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

Specim	ens received on:	1	0-09	-24	Tested on:	11-0	9-24	in dry/wet	condition		Ë	jčenego
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		2	9	2024	6Diax12		13	28.28	52	4119		Non Engraved
2		2	9	2024	6Diax12		13	28.28	43	3406		Non Engraved
3		2	9	2024	6Diax12		14	28.28	45	3564		Non Engraved
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Director/Dy. Director 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.

7784 Dr. Ubaid Ahmad

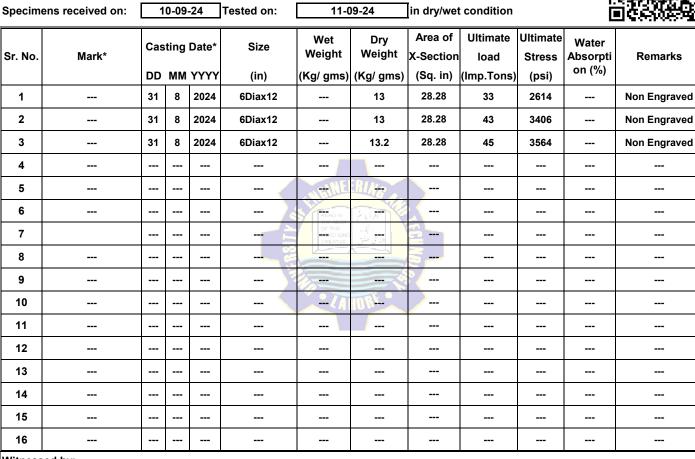
(ASTM C39)

To: Engr. M Usama

Project Engineer, Struc-Arch Pakistan. Project: CONSTRUCTION OF NEW 500KV CIRCUIT BREAKER FOUNDATIONS AT ROUSH POWER PLANT, KHANEWAL PAKISTAN. (Pedestal Concrete of Foundation B2Q2L1). Our Ref. No. CL/CED/ 5869 Dated: 11-09-24 **Test Specification** Your Ref. No. Rousch/24/MU/09 06-09-24

COMPRESSION TEST REPORT

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



Witnessed by:

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

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Dated:



Civil Engineering Department

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

7787 Dr. Ubaid Ahmad

To: GRAYWAYS ENGINEERS

Bomanji Square, Office # 19, 4th Floor, Nusrat Road, Multan Cantt.

Project: Nil				
Our Ref. No. CL/C	ED/ 5870	Dated:	11-09-24	Test Specification
Your Ref. No.	GW/24/0012	Dated:	11-09-24	()

COMPRESSION TEST REPORT



Specim	ens received on:	1	1-09	-24	Tested on:	11-()9-24	in dry/wet	in dry/wet condition			ONLINE REPORT
Sr. No.	Mark*		-	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	0.1 (70)	
1	Rectangular, Grey, 60mm	22	7	2024	7.8 x 3.9 x 2.3		2620	30.42	60	4418		
2	Rectangular, Grey, 60mm	22	7	2024	7.8 x 3.9 x 2.3		2625	30.42	64	4713		
3	Rectangular, Grey, 60mm	22	7	2024	7.8 x 3.9 x 2.3		2730	30.42	65	4786		
4	Rectangular, Grey, 60mm	22	7	2024	7.8 x 3.9 x 2.3		2700	30.42	58	4271		
5	Rectangular, Grey, 60mm	22	7	2024	7.8 x 3.9 x 2.3	. WHILE	2625	30.42	74	5449		
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Witness	sed by:					•	•		•			

Witnessed by:

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

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Director/Dy. Director Concrete Laboratory



Civil Engineering Department

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

7787 Dr. Ubaid Ahmad

To: GRAYWAYS ENGINEERS

Bomanji Square, Office # 19, 4th Floor, Nusrat Road, Multan Cantt.

Project: Nil				
Our Ref. No. CL/C	ED/ 5871	Dated:	11-09-24	Test Specification
Your Ref. No.	GW/24/0012	Dated:	10-09-24	()

COMPRESSION TEST REPORT



Specim	ens received on:	1	1-09	-24	Tested on:	11-0)9-24	in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular, Grey, 60mm	26	8	2024	7.8 x 3.9 x 2.3		2690	30.42	66	4860		
2	Rectangular, Grey, 60mm	26	8	2024	7.8 x 3.9 x 2.3		2690	30.42	60	4418		
3	Rectangular, Grey, 60mm	26	8	2024	7.8 x 3.9 x 2.3		2730	30.42	76	5596		
4	Rectangular, Grey, 60mm	26	8	2024	7.8 x 3.9 x 2.3		2655	30.42	58	4271		
5	Rectangular, Grey, 60mm	26	8	2024	7.8 x 3.9 x 2.3	STANE	2745	30.42	81	5964		
6	Rectangular, Grey, 60mm	28	8	2024	7.8 x 3.9 x 2.3	READ IN	2765	30.42	53	3903		
7	Rectangular, Grey, 60mm	28	8	2024	7.8 x 3.9 x 2.3	OF THY BORD WHO CREATES	2805	30.42	75	5523		
8	Rectangular, Grey, 60mm	28	8	2024	7.8 x 3.9 x 2.3		2835	30.42	65	4786		
9	Rectangular, Grey, 60mm	28	8	2024	7.8 x 3.9 x 2.3	20-	2730	30.42	61	4492		
10	Rectangular, Grey, 60mm	28	8	2024	7.8 x 3.9 x 2.3		2705	30.42	58	4271		
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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

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

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)

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Civil Engineering Department

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

7777 Dr. M. Mazhar

To: Mr. Tahawar Owais

Project Manager, DSG Energy

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

Our Ref. No. CL/CED/ 5872	Dated:	11-09-24	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

COMPRESSION TEST REPORT



Specime	ens received on:	0	9-09-	-24	Tested on:	11-0	9-24	in dry/we	condition		г. С	
Sr. No.	Mark*		-	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		1	9	2024	6Diax12		13	28.28	48	3802		Non Engraved
2		1	9	2024	6Diax12		13	28.28	46	3644		Non Engraved
3		1	9	2024	6Diax12		13	28.28	48	3802		Non Engraved
4		1	9	2024	6Diax12		13	28.28	32	2535		Non Engraved
5		1	9	2024	6Diax12	NITINE	13.6	28.28	20	1584		Non Engraved
6		1	9	2024	6Diax12	READ IN	12.8	28.28	18	1426		Non Engraved
7		1	9	2024	6Diax12	OF THY -CORD WHO CREATES	13. 13. خلق ا	28.28	30	2376		Non Engraved
8		1	9	2024	6Diax12		12.8	28.28	18	1426		Non Engraved
9		1	9	2024	6Diax12	200-	13.6	28.28	34	2693		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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Director/Dy. Director Concrete Laboratory



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.

7770 Dr. M. Mazhar

Sub Divisional Officer Buildings Sub Division No.12, Lahore.			
Project: Institutional Strengthening of Primary & Se Development Wing."	condary Health Care Departme	ent Punjab "Construc	ction of
Our Ref. No. CL/CED/ 5873	Dated:	11-09-24	Test Specification
Your Ref. No. 460	Dated:	04-09-24	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	0	9-09	-24	Tested on:	11-0	9-24	in dry/we	t condition	Ċ	jester	
Sr. No.	Mark*	Cas	-	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	Strip Foundation (1:2:4)	7	8	2024	6x6x6		8.6	36	44	2738		Non Engraved
2	Strip Foundation (1:2:4)	7	8	2024	6x6x6		8.6	36	40	2489		Non Engraved
3	Strip Foundation (1:2:4)	7	8	2024	6x6x6		8	36	44	2738		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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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.

7770 Dr. M. Mazhar

Sub Divisional Officer Buildings Sub Division No.12, Lahore.			
Project: Institutional Strengthening of Primary & Seconda Development Wing."	ary Health Care Departme	ent Punjab "Construc	tion of
Our Ref. No. CL/CED/ 5874	Dated:	11-09-24	Test Specification
Your Ref. No. 463	Dated:	04-09-24	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on:		09-09-24			Tested on:	11-09-24		in dry/wet condition			Ü	j&238896
Sr. No.	Mark*		Casting Date*		Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Footing Beams (1:2:4)	7	8	2024	6x6x6	(rtg/ giiis) 	(Rg/ gills) 8	36	68	4231		Non Engraved
2	Footing Beams (1:2:4)	7	8	2024	6x6x6		8.6	36	52	3236		Non Engraved
3	Footing Beams (1:2:4)	7	8	2024	6x6x6		8	36	48	2987		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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