



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.

7898
Dr. M. Yousaf

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/ 6014

Dated: 01-10-24

Test Specification

Your Ref. No. Rousch/24/MU/19

Dated: 27-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27-09-24 Tested on: 30-09-24 in dry/wet condition

Sr. No.	Mark*	Casting 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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	31	8	2024	6Diax12	---	13	28.28	44	3485	---	Non Engraved
2	---	31	8	2024	6Diax12	---	13.4	28.28	35	2772	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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ORIGINAL
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7898
Dr. Aqsa

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 B3Q2L2)

Our Ref. No. CL/CED/ 6015

Dated: 01-10-24

Test Specification

Your Ref. No. Rousch/24/MU/18

Dated: 27-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27-09-24 Tested on: 01-10-24 in dry/wet condition

Sr. No.	Mark*	Casting 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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	28	8	2024	6Diax12	---	13	28.28	26	2059	---	Non Engraved
2	---	28	8	2024	6Diax12	---	13.4	28.28	37	2931	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- 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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Director/Dy. Director Concrete Laboratory



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Dr. Aqsa

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 B2Q2L2)

Our Ref. No. CL/CED/ 6016

Dated: 01-10-24

Test Specification

Your Ref. No. Rousch/24/MU/20

Dated: 27-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27-09-24 Tested on: 01-10-24 in dry/wet condition

Sr. No.	Mark*	Casting 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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	2	9	2024	6Diax12	---	13	28.28	31	2455	---	Non Engraved
2	---	2	9	2024	6Diax12	---	13.2	28.28	37	2931	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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- **** ACI318-08 requires mean of two sample (6" diax12" cylinder) strength at 28 days as compressive strength

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Director/Dy. Director Concrete Laboratory



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 Dr. Aqsa

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 B3Q2L1)

Our Ref. No. CL/CED/ 6017

Dated: 01-10-24

Test Specification

Your Ref. No. Rousch/24/MU/17

Dated: 27-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27-09-24 Tested on: 01-10-24 in dry/wet condition

Sr. No.	Mark*	Casting 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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	26	8	2024	6Diax12	---	13	28.28	33	2614	---	Non Engraved
2	---	26	8	2024	6Diax12	---	13.2	28.28	38	3010	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Dr. Aqsa

To: Engr. M Usama
Project Engineer, Struc-Arch Pakistan.

Project: CONSTRUCTION OF NEW 500KV CIRCUIT BREAKER FOUNDATIONS AT ROUSH POWER PLANT, KHANEWAL PAKISTAN. (Pad Concrete of Foundation B2Q2L3)

Our Ref. No. CL/CED/ 6018

Dated: 01-10-24

Test Specification

Your Ref. No. Rousch/24/MU/14

Dated: 27-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27-09-24 Tested on: 01-10-24 in dry/wet condition

Sr. No.	Mark*	Casting 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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	15	8	2024	6Diax12	---	12.6	28.28	30	2376	---	Non Engraved
2	---	15	8	2024	6Diax12	---	13	28.28	41	3248	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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Director/Dy. Director Concrete Laboratory



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 Dr. Aqsa

To: Engr. M Usama
 Project Engineer, Struc-Arch Pakistan.

Project: CONSTRUCTION OF NEW 500KV CIRCUIT BREAKER FOUNDATIONS AT ROUSH POWER PLANT, KHANEWAL PAKISTAN. (Pad Concrete of Foundation B3Q2(L1, L2, L3))

Our Ref. No. CL/CED/ 6019

Dated: 01-10-24

Test Specification

Your Ref. No. Rousch/24/MU/12

Dated: 27-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: in dry/wet condition

Sr. No.	Mark*	Casting 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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	13	8	2024	6Diax12	---	13	28.28	42	3327	---	Non Engraved
2	---	13	8	2024	6Diax12	---	13	28.28	26	2059	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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Director/Dy. Director Concrete Laboratory



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7840
 Dr. Aqsa

To: Deputy Director (Tech-II)
 Anti-Corruption Establishment Punjab, Lahore.

Project: Laboratory Testing of Samples Enquiry No. 115/2024 Sahiwal (District Council Okara)

Our Ref. No. CL/CED/ 6020-1 of 3

Dated: 01-10-24

Test Specification

Your Ref. No. DACE-DDT-II-06

Dated: 19-09-24

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 19-09-24 **Tested on:** 01-10-24 **in dry/wet condition**

Sr. No.	Mark*	Casting 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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	S	---	---	---	8.2 x 4 x 2.5	---	2920	32.8	24	1639	---	Used Sample, Shergarh
2	S	---	---	---	8.6 x 4 x 2.5	---	2910	34.4	20	1302	---	Used Sample, Shergarh
3	S	---	---	---	8.8 x 4 x 2.6	---	3035	35.2	8	509	---	Used Sample, Shergarh
4	MM	---	---	---	8.8 x 4.1 x 2.6	---	2720	36.08	27	1676	---	Used Sample, 8/1L
5	MM	---	---	---	8.5 x 4 x 2.6	---	2620	34	28	1845	---	Used Sample, 8/1L
6	MM	---	---	---	8.5 x 4 x 2.5	---	2875	34	21	1384	---	Used Sample, 8/1L
7	MM	---	---	---	8.5 x 4.1 x 2.6	---	2860	34.85	18	1157	---	Used Sample, 8/1L
8	CH	---	---	---	8.5 x 4.1 x 2.6	---	2520	34.85	21	1350	---	Used Sample, UC 127
9	CH	---	---	---	8.4 x 4 x 2.6	---	2600	33.6	17	1133	---	Used Sample, UC 127
10	CH	---	---	---	8.5 x 4 x 2.6	---	2670	34	18	1186	---	Used Sample, UC 127
11	CH	---	---	---	8.4 x 4 x 2.6	---	2600	33.6	17	1133	---	Used Sample, UC 127
12	AB	---	---	---	8.5 x 4 x 2.6	---	2445	34	16	1054	---	Used Sample, 10/1R
13	AB	---	---	---	8.6 x 4 x 2.6	---	2355	34.4	17	1107	---	Used Sample, 10/1R
14	AB	---	---	---	8.4 x 3.9 x 2.5	---	2430	32.76	17	1162	---	Used Sample, 10/1R
15	AB	---	---	---	8.4 x 4 x 2.6	---	2705	33.6	14	933	---	Used Sample, 10/1R
16	---	---	---	---	---	---	---	---	---	---	---	---

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 Dr. Aqsa

To: Deputy Director (Tech-II)
 Anti-Corruption Establishment Punjab, Lahore.

Project: Laboratory Testing of Samples Enquiry No. 115/2024 Sahiwal (District Council Okara)

Our Ref. No. CL/CED/ 6020-2 of 3

Dated: 01-10-24

Test Specification

Your Ref. No. DACE-DDT-II-06

Dated: 19-09-24

(----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 19-09-24 **Tested on:** 01-10-24 **in dry/wet condition**

Sr. No.	Mark*	Casting 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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	M	---	---	---	8.6 x 4.1 x 2.8	---	2920	35.26	24	1525	---	Used Sample, 7/1 R
2	M	---	---	---	8.6 x 4 x 2.7	---	2770	34.4	25	1628	---	Used Sample, 7/1 R
3	M	---	---	---	8.6 x 4.1 x 2.6	---	2760	35.26	22	1398	---	Used Sample, 7/1 R
4	M	---	---	---	8.5 x 4.1 x 2.7	---	2775	34.85	26	1671	---	Used Sample, 7/1 R
5	7UP	---	---	---	8.5 x 4 x 2.6	---	2760	34	18	1186	---	Used Sample, 30/1AL
6	7UP	---	---	---	8.5 x 4 x 2.6	---	2960	34	21	1384	---	Used Sample, 30/1AL
7	7UP	---	---	---	8.4 x 4 x 2.6	---	2765	33.6	20	1333	---	Used Sample, 30/1AL
8	7UP	---	---	---	8.4 x 4 x 2.6	---	2860	33.6	20	1333	---	Used Sample, 30/1AL
9	N	---	---	---	8.5 x 4 x 2.7	---	2525	34	22	1449	---	Used Sample, Shergarh
10	N	---	---	---	8.5 x 4 x 2.6	---	2760	34	15	988	---	Used Sample, Shergarh
11	N	---	---	---	8.6 x 4.1 x 2.7	---	2525	35.26	16	1016	---	Used Sample, Shergarh
12	N	---	---	---	8.6 x 4.1 x 2.8	---	2525	35.26	20	1271	---	Used Sample, Shergarh
13	SB	---	---	---	8.5 x 3.8 x 2.5	---	2725	32.3	19	1318	---	Used Sample, 19/1AL
14	SB	---	---	---	8.2 x 3.6 x 2.5	---	2690	29.52	28	2125	---	Used Sample, 19/1AL
15	SB	---	---	---	8.5 x 3.9 x 2.6	---	2805	33.15	25	1689	---	Used Sample, 19/1AL
16	SB	---	---	---	8.4 x 3.8 x 2.6	---	2985	31.92	27	1895	---	Used Sample, 19/1AL

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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.

7840
 Dr. Aqsa

To: Deputy Director (Tech-II)
 Anti-Corruption Establishment Punjab, Lahore.

Project: Laboratory Testing of Samples Enquiry No. 115/2024 Sahiwal (District Council Okara)

Our Ref. No. CL/CED/ 6020-3 of 3

Dated: 01-10-24

Test Specification

Your Ref. No. DACE-DDT-II-06

Dated: 19-09-24

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 19-09-24 Tested on: 01-10-24 in dry/wet condition

Sr. No.	Mark*	Casting 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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	Uni-Block, Grey, 60mm	---	---	---	2.3 thick	---	3185	37.44	70	4188	---	Used Sample, Council Okara
2	Uni-Block, Grey, 60mm	---	---	---	2.3 thick	---	3215	37.44	91	5444	---	Used Sample, Council Okara
3	Uni-Block, Grey, 60mm	---	---	---	2.3 thick	---	3265	37.44	74	4427	---	Used Sample, Council Okara
4	Uni-Block, Grey, 60mm	---	---	---	2.3 thick	---	3310	37.44	81	4846	---	Used Sample, Council Okara
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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.

7905
 Dr. Burhan Sharif

To: Mr. M. YASIR KIANI
 Resident Engineer (JCP Wahga), Architecture & Planning Division, Lahore. NESPAK (Pvt) Ltd.

Project: EXPANSION OF JOINT CHECK POST WAHGA, LAHORE.

Our Ref. No. CL/CED/ 6021

Dated: 01-10-24

Test Specification

Your Ref. No. 4749/031/YK/01/66

Dated: 24-09-24

(BS 3921)**

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-09-24 Tested on: 01-10-24 in dry/wet condition

Sr. No.	Mark*	Casting 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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	777	---	---	---	8.7 x 4.3 x 2.9	---	3345	37.41	50	2994	---	---
2	777	---	---	---	8.7 x 4.1 x 2.7	---	3341	35.67	56	3517	---	---
3	777	---	---	---	8.8 x 4.2 x 2.8	---	3340	36.96	56	3394	---	---
4	777	---	---	---	8.8 x 4.2 x 2.8	---	3345	36.96	56	3394	---	---
5	777	---	---	---	8.8 x 4.1 x 2.8	---	3300	36.08	54	3353	---	---
6	ZB	---	---	---	8.6 x 4 x 2.8	---	3260	34.4	48	3126	---	---
7	ZB	---	---	---	8.7 x 4 x 2.8	---	3360	34.8	54	3476	---	---
8	ZB	---	---	---	8.6 x 4 x 2.8	---	3300	34.4	54	3516	---	---
9	ZB	---	---	---	8.8 x 4.2 x 2.9	---	3405	36.96	56	3394	---	---
10	ZB	---	---	---	8.6 x 4 x 2.8	---	3470	34.4	44	2865	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Sohail Sulehri

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

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