



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.

2240
 Engr. Ubaid

To: Syed Zahid Hussain Naqvi, Resident Engineer
 AZ Engineering Associates Gujrat Residency. (M/S Tayyab Manzoor Tarrar, TMT)

Project: Dualization of Road from GT Road (SAMMA) to Gujrat Dinga Road I/C Gujrat Flyover L=31 Kms in Distt.Gujrat.(Group No.III, Km No.17.53 to 31.03 Including 2No. Small Bridges with Approaches,L=13.50
 Our Ref. No. CL/CED/ 6368 Dated: 15-11-21

Your Ref. No. RE AZEA/GT-257

Dated: 09-11-21

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-11-21 Tested on: 12-11-21 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	Bridge at Rd.717+00 P#4	3	10	2021	6x6x6	---	9	36	57	3547	---	Engraved
2	Bridge at Rd.717+00 P#4	3	10	2021	6x6x6	---	9	36	67	4169	---	Engraved
3	Bridge at Rd.717+00 P#4	3	10	2021	6x6x6	---	9	36	75	4667	---	Engraved
4	Culvert at Rd. 999+00 Top Slab	10	10	2021	6x6x6	---	9	36	56	3484	---	Engraved
5	Culvert at Rd. 999+00 Top Slab	10	10	2021	6x6x6	---	9	36	95	5911	---	Engraved
6	Culvert at Rd. 999+00 Top Slab	10	10	2021	6x6x6	---	9	36	75	4667	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * 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



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2248
 Dr. Mazhar

To: Mr. Sarfraz Rasheed, (GM Projects)
 Ittefaq Building Solutions Pvt. Ltd.

Project: Fauji Fresh n Freeze - Sahiwal.

Our Ref. No. CL/CED/ 6369

Dated: 15-11-21

Test Specification

Your Ref. No. Nil

Dated: 11-11-21

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COMPRESSION TEST REPORT



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

Specimens received on: 12-11-21 **Tested on:** 15-11-21 **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	Rectangular,Grey, 80mm (7000Psi)	---	---	---	7.7x3.8x3	---	3778	29.26	57	4364	---	---
2	Rectangular,Grey, 80mm (7000Psi)	---	---	---	7.7x3.8x3	---	3820	29.26	51	3904	---	---
3	Rectangular,Grey, 80mm (7000Psi)	---	---	---	7.7x3.8x3	---	3690	29.26	57	4364	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * 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



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2179
 Dr. Mazhar

To: Mr. Sarfraz Rasheed, (GM Projects)
 Ittefaq Building Solutions Pvt. Ltd.

Project: Fauji Fresh n Freeze - Sahiwal.

Our Ref. No. CL/CED/ 6370

Dated: 15-11-21

Test Specification

Your Ref. No. Nil

Dated: 25-10-21

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COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 02-11-21 Tested on: 15-11-21 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	Rectangular,Grey, 80mm (7000Psi)	---	---	---	7.8x3.8x3	---	3770	29.64	88	6650	---	---
2	Rectangular,Grey, 80mm (7000Psi)	---	---	---	7.8x3.8x3	---	3440	29.64	86	6499	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * 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

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2192
 Dr. Mazhar

To: Assistant Director (Technical)
 Anti-Corruption Establishment Multan Region, Multan.

Project: Comprehensive Water Supply & Sewerage for Luddan City, District Vehari. Enquiry No.106/21, ACE Multan.

Our Ref. No. CL/CED/ 6371

Dated: 15-11-21

Test Specification

Your Ref. No. ACE.MR-(Enq-106)/21/7844

Dated: 02-11-21

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 03-11-21 **Tested on:** 15-11-21 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	Machine Made (Double Line)	---	---	---	8.6 x 4.2 x 2.8	---	3048	36.12	61	3783	---	Used Brick
2	Machine Made (Double Line)	---	---	---	8.7 x 4.3 x 2.9	---	3078	37.41	53	3173	---	Used Brick
3	Machine Made (Double Line)	---	---	---	8.7 x 4.3 x 2.8	---	2976	37.41	57	3413	---	Used Brick
4	Machine Made (Double Line)	---	---	---	8.6 x 4.3 x 2.9	---	3056	36.98	53	3210	---	Used Brick
5	Machine Made (Double Line)	---	---	---	8.5 x 4.2 x 2.8	---	3069	35.7	61	3827	---	Used Brick
6	777	---	---	---	8.6 x 4.2 x 2.8	---	2998	36.12	17	1054	---	Used Brick
7	777	---	---	---	8.7 x 4.2 x 2.7	---	3008	36.54	39	2391	---	Used Brick
8	777	---	---	---	8.5 x 4.3 x 2.9	---	2940	36.55	17	1042	---	Used Brick
9	777	---	---	---	8.6 x 4.2 x 2.8	---	2889	36.12	35	2171	---	Used Brick
10	777	---	---	---	8.7 x 4.2 x 2.9	---	2990	36.54	39	2391	---	Used Brick
11	---	---	---	---	---	---	---	---	---	---	---	---
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2033
 Dr. Mazhar

To: Engr. Tajammal Farooq, Resident Engineer (AZEA)
 QABP-Sheikhupura.

Project: Construction of Multi Purpose Complex (MPC), Building (Phase-1) at Quaid-e-Azam Business Park (QABP) on M-2 Motorway, Sheikhupura.

Our Ref. No. CL/CED/ 6372

Dated: 15-11-21

Test Specification

Your Ref. No. RE/AZEA/MPC-102

Dated: 30-09-21

(ASTM C67-01)

COMPRESSION TEST REPORT



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

Specimens received on: **05-10-21** Tested on: **15-11-21** 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	A-1A	---	---	---	4.3 x 4.3 x 2.8	1491	1325	18.49	16	1938	12.53	---
2	A-1B	---	---	---	4.3 x 4.3 x 2.8	1577	1410	18.49	25	3029	11.84	---
3	A-2C	---	---	---	4.5 x 4.3 x 2.8	1468	1310	19.35	23	2663	12.06	---
4	A-2D	---	---	---	4.3 x 4.3 x 2.8	1541	1385	18.49	23	2786	11.26	---
5	A-3E	---	---	---	4.4 x 4.2 x 2.9	1508	1340	18.48	29	3515	12.54	---
6	A-3F	---	---	---	4.4 x 4.2 x 2.9	1522	1360	18.48	14	1697	11.91	---
7	A-4G	---	---	---	4.5 x 4.3 x 2.8	1517	1345	19.35	23	2663	12.79	---
8	A-4H	---	---	---	4.3 x 4.3 x 2.8	1551	1385	18.49	25	3029	11.99	---
9	A-5E	---	---	---	4.4 x 4.3 x 3	1494	1335	18.92	18	2131	11.91	---
10	A-5F	---	---	---	4.4 x 4.3 x 3	1516	1360	18.92	23	2723	11.47	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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