



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.

2135
Dr. Qasim Shaukat

To: Brig. Saeed Ahmed Malik (Resident Engineer)
M/s NESPAK (Pvt.) Ltd. Lahore. (Highways and Transportation Engineering Division).

Project: Rehabilitation/Construction of PCC Nallah Mouza Jhedu Kahna Nau PP-165, NA-132.

Our Ref. No. CL/CED/ 6181

Dated: 22-10-21

Test Specification

Your Ref. No. 4084/103/BSAM/104/528

Dated: 15-10-21

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 21-10-21 Tested on: 21-10-21 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	---	18	9	21	6x6x6	---	8.8	36	140	8711	---	Non Engraved
2	---	18	9	21	6x6x6	---	8.6	36	122	7591	---	Non Engraved
3	---	18	9	21	6x6x6	---	8.6	36	135	8400	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- ** 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



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ORIGINAL
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2091
Dr. Wasim Abbas

To: Sub Divisional Officer
Public Health Engg: Sub Division Phoolnager.

Project: Construction/Reconnection & Laying of PCC, Drains, Culverts, Brick Pavements, Sullage Carries and Repair/Carpeting of Metalled Etc. Phoolnager City, Tehsil Pattoki, District Kasur.
Our Ref. No. CL/CED/ 6182 Dated: 22-10-21

Your Ref. No. 546

Dated: 07-10-21

Test Specification

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 14-10-21 Tested on: 22-10-21 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	7UP	---	---	---	8.8 x 4.2 x 2.7	---	2980	36.96	55	3333	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- ** 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)
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Director/Dy. Director Concrete Laboratory



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 Dr. Wasim Abbas

To: Sub Divisional Officer
 Public Health Engg: Sub Division Phoolnager.

Project: Construction/Reconnection & Laying of PCC, Drains, Culverts, Brick Pavements, Sullage Carries and Repair/Carpeting of Metalled Etc. Phoolnager City, Tehsil Pattoki, District Kasur.
 Our Ref. No. CL/CED/ 6183 Dated: 22-10-21

Your Ref. No. 548

Dated: 07-10-21

Test Specification
 (BS 3921**)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: **14-10-21** Tested on: **22-10-21** 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	7UP	---	---	---	8.8 x 4.2 x 3	---	3250	36.96	33	2000	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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. M. Yousaf

To: Sub Divisional Officer
Public Health Engg: Sub Division Phoolnager.

Project: Construction/Reconnection & Laying of PCC, Drains, Culverts, Brick Pavements, Sullage Carries and Repair/Carpeting of Metalled Etc. Phoolnager City, Tehsil Pattoki, District Kasur.
Our Ref. No. CL/CED/ 6184 Dated: 22-10-21

Your Ref. No. 549

Dated: 07-10-21

Test Specification

(BS 1881-116)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 14-10-21 Tested on: 15-10-21 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	---	27	9	21	6x6x6	---	9	36	80	4978	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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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To: Sub Divisional Officer
Public Health Engg: Sub Division Phoolnager.

Project: Construction/Reconnection & Laying of PCC, Drains, Culverts, Brick Pavements, Sullage Carries and Repair/Carpeting of Metalled Etc. Phoolnager City, Tehsil Pattoki, District Kasur.
Our Ref. No. CL/CED/ 6185 Dated: 22-10-21

Your Ref. No. 547

Dated: 07-10-21

Test Specification

(BS 1881-116)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 14-10-21 Tested on: 15-10-21 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	---	28	9	21	6x6x6	---	8.4	36	58	3609	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2082
 Dr. Umbreen

To: Engr. Muhammad Ehsan, Project Director
 Elite Engineering (Pvt.) Ltd.

Project: Sitara Heights 3-Jays Tower, Gulberg-III, Lahore.

Our Ref. No. CL/CED/ 6186

Dated: 22-10-21

Test Specification

Your Ref. No. EEPL/SH/001/009

Dated: 13-10-21

(ASTM C39)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 13-10-21 Tested on: 18-10-21 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	4000 Psi	15	9	21	6Diax12	---	14.2	28.28	77	6099	---	Non Engraved
2	4000 Psi	15	9	21	6Diax12	---	14.3	28.28	83	6574	---	Non Engraved
3	4000 Psi	15	9	21	6Diax12	---	14.4	28.28	86	6812	---	Non Engraved
4	6000 Psi	15	9	21	6Diax12	---	14	28.28	104	8238	---	Non Engraved
5	6000 Psi	15	9	21	6Diax12	---	14	28.28	108	8554	---	Non Engraved
6	6000 Psi	15	9	21	6Diax12	---	14	28.28	104	8238	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: M. Fayyaz Rasul, CNIC # 35202-8748064-5

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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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2095
 Engr. Ubaid

To: (Engr. Abdul Sattar Ghafeel)
 SNK-Constructions. Suit # 1, 475-G Johar Town, Opp. Lacas School, Lahore.

Project: Main Gate for Aghaaz Housing at Piplan District Mianwali.

Our Ref. No. CL/CED/ 6187

Dated: 22-10-21

Test Specification

Your Ref. No. Nil

Dated: 13-10-21

(BS 3921**)



ONLINE REPORT

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	5	---	---	---	8.5 x 4.1 x 2.7	3130	2710	34.85	35	2250	15.5	---
2	5	---	---	---	8.6 x 4.1 x 2.8	3150	2660	35.26	25	1588	18.42	---
3	5	---	---	---	8.8 x 4.2 x 2.9	3180	2690	36.96	12	727	18.22	---
4	5	---	---	---	8.6 x 4.1 x 2.6	2940	2485	35.26	16	1016	18.31	---
5	5	---	---	---	8.6 x 4 x 2.6	3070	2645	34.4	23	1498	16.07	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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1984
 Dr. M. Yousaf

To: Muhammad Atif Mujahid, Project Engineer
 IIW-Industrial Engineers and Contractors. (Client: PSO Company Limited).

Project: Construction of 02 No's Petroleum Storage Tanks With Allied Works at PSO Machike Terminal.

Our Ref. No. CL/CED/ 6188

Dated: 22-10-21

Test Specification

Your Ref. No. Nil

Dated: 27-09-21

(BS 3921**)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 28-09-21 **Tested on:** 22-10-21 **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	FB	---	---	---	9 x 4 x 2.7	3297	2965	36	52	3236	11.2	---
2	FB	---	---	---	9 x 4 x 2.7	3226	2890	36	52	3236	11.63	---
3	FB	---	---	---	8.4 x 4.1 x 2.8	3204	2885	34.44	53	3447	11.06	---
4	FB	---	---	---	8.3 x 4 x 2.8	3292	2970	33.2	57	3846	10.84	---
5	FB	---	---	---	8.4 x 4 x 2.9	3271	2950	33.6	60	4000	10.88	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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" dia x 12" cylinder) strength at 28 days as compressive strength

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

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- 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.

1984
 Dr. M. Yousaf

To: Muhammad Atif Mujahid, Project Engineer
 IIW-Industrial Engineers and Contractors. (Client: PSO Company Limited).

Project: Construction of 02 No's Petroleum Storage Tanks With Allied Works at PSO Machike Terminal.

Our Ref. No. CL/CED/ 6189

Dated: 22-10-21

Test Specification

Your Ref. No. Nil

Dated: 27-09-21

(BS 3921**)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 28-09-21 **Tested on:** 22-10-21 **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	555	---	---	---	8.7 x 4.1 x 2.8	3360	3019	35.67	30	1884	11.3	---
2	555	---	---	---	8.8 x 4.2 x 2.8	3406	3048	36.96	40	2424	11.75	---
3	555	---	---	---	8.7 x 4.2 x 2.9	3474	3108	36.54	35	2146	11.78	---
4	555	---	---	---	8.8 x 4.1 x 2.8	3530	3168	36.08	50	3104	11.43	---
5	555	---	---	---	8.8 x 4.2 x 2.9	3540	3189	36.96	52	3152	11.01	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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" 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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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1984
 Dr. M. Yousaf

To: Muhammad Atif Mujahid, Project Engineer
 IIW-Industrial Engineers and Contractors. (Client: PSO Company Limited).

Project: Construction of 02 No's Petroleum Storage Tanks With Allied Works at PSO Machike Terminal.

Our Ref. No. CL/CED/ 6190

Dated: 22-10-21

Test Specification

Your Ref. No. Nil

Dated: 27-09-21

(BS 3921**)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 28-09-21 **Tested on:** 22-10-21 **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	H	---	---	---	8.7 x 4.2 x 2.8	3351	3030	36.54	47	2881	10.59	---
2	H	---	---	---	8.8 x 4.2 x 2.8	3478	3140	36.96	38	2303	10.76	---
3	H	---	---	---	8.9 x 4.2 x 2.9	3497	3168	37.38	35	2097	10.39	---
4	H	---	---	---	8.8 x 4.2 x 2.8	3347	3025	36.96	35	2121	10.64	---
5	H	---	---	---	8.7 x 4.2 x 2.7	3309	2980	36.54	45	2759	11.04	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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" 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



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ORIGINAL
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1984
 Dr. Mazhar

To: Muhammad Atif Mujahid, Project Engineer
 IIW-Industrial Engineers and Contractors. (Client: PSO Company Limited).

Project: Construction of 02 No's Petroleum Storage Tanks With Allied Works at PSO Machike Terminal.

Our Ref. No. CL/CED/ 6191

Dated: 22-10-21

Test Specification

Your Ref. No. Nil

Dated: 27-09-21

(---)



ONLINE REPORT

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	Solid Block	---	---	---	11.9x5.9x8	---	18.2	70.21	92	2935	---	---
2	Solid Block	---	---	---	11.9x5.9x8	---	20	70.21	33	1053	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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" dia x 12" cylinder) strength at 28 days as compressive strength

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- 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.

2044
 Dr. Umbreen

To: Abdul Ghafar, Project Manager
 Liberty Builders. 17-A, Cooper Road, Lahore.

Project: Construction of Zee Avenue-Ramada Hotel & Suites 17-A Cooper Road, Lahore.

Our Ref. No. CL/CED/ 6192

Dated: 22-10-21

Test Specification

Your Ref. No. CBT/UET/2021006

Dated: 06-10-21

(---)



ONLINE REPORT

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	Solid Block (16)	---	---	---	11.9x4.0x8.0	---	14	47.6	57	2682	---	---
2	Solid Block (17)	---	---	---	12.0x4.0x8.0	---	14.2	48	47	2193	---	---
3	Solid Block (18)	---	---	---	11.9x4.0x8.0	---	14	47.6	45	2118	---	---
4	Solid Block (19)	---	---	---	11.9x6.0x8.0	---	19.4	71.4	65	2039	---	---
5	Solid Block (20)	---	---	---	12.0x6.0x8.0	---	19	72	47	1462	---	---
6	Solid Block (21)	---	---	---	12.0x6.0x8.0	---	20	72	59	1836	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Bilal Ashraf CNIC # 34104-41417541

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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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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.

2054
 Dr. Umbreen

To: Abdul Ghafar, Project Manager
 Liberty Builders. 17-A, Cooper Road, Lahore.

Project: Construction of Zee Avenue-Ramada Hotel & Suites 17-A Cooper Road, Lahore.

Our Ref. No. CL/CED/ 6193

Dated: 22-10-21

Test Specification

Your Ref. No. CBT/UET/2021006-A

Dated: 06-10-21

(---)



ONLINE REPORT

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	Solid Block (25)	---	---	---	11.9x4.0x8.0	---	14	47.6	43	2024	---	---
2	Solid Block (26)	---	---	---	11.9x4.0x8.0	---	14	48	35	1633	---	---
3	Solid Block (27)	---	---	---	11.9x4.0x8.0	---	14	47.6	41	1929	---	---
4	Solid Block (28)	---	---	---	11.9x6.0x8.0	---	20	71.4	65	2039	---	---
5	Solid Block (29)	---	---	---	11.9x5.9x8.0	---	18.8	70.21	47	1500	---	---
6	Solid Block (30)	---	---	---	11.9x6.0x8.0	---	19	71.4	61	1914	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Bilal Ashraf CNIC # 34104-41417541

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

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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
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

2072
 Dr. Mazhar

To: (Adal Imtiaz) Assistant Director
 Fazaia Housing Scheme Phase-II Sharif City Road, Lahore.

Project: Central Mosque at Fazaia Housing Scheme Phase-II, Lahore.

Our Ref. No. CL/CED/ 6194

Dated: 22-10-21

Test Specification

Your Ref. No. FHSL-II/5811/1/Org (CA-12)

Dated: 14-09-21

(ASTM C39)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 11-10-21 **Tested on:** 13-10-21 **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	Class-B (1:2:4) OHWT	20	8	21	6Diax12	---	13.8	28.28	43	3406	---	Engraved
2	Class-B (1:2:4) OHWT	20	8	21	6Diax12	---	13.6	28.28	51	4040	---	Engraved
3	Class-B (1:2:4) OHWT	20	8	21	6Diax12	---	13.2	28.28	29	2297	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

2088
 Dr. M. Yousaf

To: (Adal Imtiaz) Assistant Director
 Fazaia Housing Scheme Phase-II Sharif City Road, Lahore.

Project: Central Mosque at Fazaia Housing Scheme Phase-II, Lahore. (High Level Minaret).

Our Ref. No. CL/CED/ 6195

Dated: 22-10-21

Test Specification

Your Ref. No. FHSL-II/5811/1/Org (CA-12)

Dated: 11-10-21

(ASTM C39)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 13-10-21 **Tested on:** 15-10-21 **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	Class-B(1:2:4) Both MB-1(Part-A)	26	9	21	6Diax12	---	13.2	28.28	51	4040	---	Engraved
2	Class-B(1:2:4) Both MB-1(Part-A)	26	9	21	6Diax12	---	13	28.28	56	4436	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- ** 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

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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.

2090
Dr. Umbreen

To: Ali Haider, Assistant Quantity Surveyor
 Banu Mukhtar Contracting Pvt. Limited.

Project: Naveena Export (Pvt.) Ltd.

Our Ref. No. CL/CED/ 6196

Dated: 22-10-21

Test Specification

Your Ref. No. BM/Naveena Export/005

Dated: 12-10-21

(BS 1881-116)



ONLINE REPORT

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	Column (4500 Psi)	8	9	21	6x6x6	---	8.8	36	102	6347	---	Non Engraved
2	Column (4500 Psi)	8	9	21	6x6x6	---	9	36	104	6471	---	Non Engraved
3	Column (4500 Psi)	8	9	21	6x6x6	---	8.8	36	86	5351	---	Non Engraved
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-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" 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.

2092
Dr. M. Yousaf

To: Sub Divisional Officer
Public Health Engineering Sub Division Kasur. (M/S Shan Const. Co.)
Project: Rural PCC & Brick Pavement & Drainage Scheme Basti Sindhyan and Adjoining Abadies, District Kasur.
Our Ref. No. CL/CED/ 6197 Dated: 22-10-21
Your Ref. No. 1360 Dated: 12-10-21

Test Specification
(BS 1881-116)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 14-10-21 Tested on: 15-10-21 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	PCC (1:2:4)	18	9	21	6x6x6	---	8.6	36	46	2862	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
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" 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.

2113
 Dr. Umbreen

To: Construction Manager
 Tameer Construction (Pvt.) Ltd.

Project: Pell Unit-II

Our Ref. No. CL/CED/ 6198

Dated: 22-10-21

Test Specification

Your Ref. No. Nil

Dated: 18-10-21

(BS 3921**)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 18-10-21 **Tested on:** 22-10-21 **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	F-16	---	---	---	8.6 x 4.1 x 2.8	---	3035	35.26	23	1461	---	---
2	F-16	---	---	---	8.6 x 4.2 x 2.7	---	3075	36.12	39	2419	---	---
3	F-16	---	---	---	8.6 x 4.2 x 2.8	---	2980	36.12	49	3039	---	---
4	F-16	---	---	---	8.7 x 4.2 x 2.8	---	3090	36.54	37	2268	---	---
5	S	---	---	---	8.3 x 4.2 x 2.6	---	3075	34.86	43	2763	---	---
6	S	---	---	---	8.8 x 4.1 x 2.9	---	3305	36.08	49	3042	---	---
7	S	---	---	---	8.7 x 4.3 x 2.9	---	3415	37.41	39	2335	---	---
8	S	---	---	---	8.6 x 4.3 x 2.8	---	3428	36.98	45	2726	---	---
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" 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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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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.

2073
 Engr. Ubaid

To: Z.H.Kazmi, Principal Architect
 Z.H. Kazmi & Associates, Liberty Market, Gulberg-III, Lahore.

Project: Construction of New Godowns/Sheds & Pavements) at Bank Owned Warehouse Munirabad, Multan.

Our Ref. No. CL/CED/ 6199

Dated: 22-10-21

Test Specification

Your Ref. No. Nil

Dated: 11-10-21

(---)



ONLINE REPORT

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	Rectangular, 60mm Grev	---	---	---	7.8x3.8x2.3	---	2560	29.64	100	7557	---	---
2	Rectangular, 60mm Grev	---	---	---	7.8x3.8x2.3	---	2620	29.64	91	6877	---	---
3	Rectangular, 60mm Grev	---	---	---	7.8x3.8x2.3	---	2615	29.64	79	5970	---	---
4	Rectangular, 80mm Grev	---	---	---	7.8x3.8x3.1	---	3540	29.64	62	4686	---	---
5	Rectangular, 80mm Grev	---	---	---	7.8x3.8x3.1	---	3490	29.64	58	4383	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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