



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.

8002
 Dr. M. Yousaf

To: Mr. Ali Zahid Latif
 Resident Engineer, NESPAK-TURKPAK JV

Project: Reconstruction of Old P&D Building, Lahore.

Our Ref. No. CL/CED/ 6149

Dated: 14-10-24

Test Specification

Your Ref. No. 4674/P&D/13/09/AZL/57

Dated: 11-10-24

(----)

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	---	---	---	11.8 x 5.8 x 7.9	---	18.6	68.44	34	1113	---	---
2	Solid Block	---	---	---	11.8 x 5.9 x 7.5	---	17	69.62	18	579	---	---
3	Solid Block	---	---	---	11.9 x 5.9 x 7.5	---	16.8	70.21	39	1244	---	---
4	Solid Block	---	---	---	11.8 x 3.9 x 8	---	13.8	46.02	27	1314	---	---
5	Solid Block	---	---	---	11.8 x 3.9 x 7.9	---	13	46.02	22	1071	---	---
6	Solid Block	---	---	---	11.8 x 3.9 x 7.8	---	13	46.02	26	1266	---	---
7	Hollow Block	---	---	---	15.8 x 7.9 x 8	---	21	76.14	32	941	---	---
8	Hollow Block	---	---	---	15.8 x 7.9 x 8	---	19.6	73.02	49	1503	---	---
9	Hollow Block	---	---	---	15.8 x 7.8 x 8	---	19.6	71.44	47	1474	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. M. Irfan, M.E NESPAK & Mr. M. Numan.

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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8001
 Dr. M. Yousaf

To: Mr. Muhammad Arfan Asif
 Engineer's Representative, NESPAK (Pvt) Ltd. JV Turpkak International (Pvt) Ltd.

Project: Construction of Green Building for EMC, EPD and Allied New Entities Established Under PGDP (DLI-2, PGDP) Lahore.

Our Ref. No. CL/CED/ 6150

Dated: 14-10-24

Test Specification

Your Ref. No. 4731/MAA/04/107

Dated: 11-10-24

(----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 14-10-24 Tested on: 14-10-24 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	Solid Block	---	---	---	11.7 x 5.9 x 7.9	---	19.6	69.03	34	1103	---	---
2	Solid Block	---	---	---	11.8 x 5.9 x 7.9	---	18.4	69.62	31	997	---	---
3	Solid Block	---	---	---	11.8 x 5.9 x 8	---	20	69.62	27	869	---	---
4	Hollow Block	---	---	---	15.8 x 7.9 x 8	---	22.4	76.79	43	1254	---	---
5	Hollow Block	---	---	---	15.8 x 7.8 x 8	---	21.6	75.66	50	1480	---	---
6	Hollow Block	---	---	---	15.8 x 7.9 x 8	---	22	76.79	65	1896	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. M. Irfan, NESPAK & Mr. M. Numan, IDAP

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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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7972
 Dr. M. Yousaf

To: Admin Manager
 RF Construction

Project: Plot 24 Block Q, Shah Alam Road, Johar Town Lahore.

Our Ref. No. CL/CED/ 6151

Dated: 14-10-24

Test Specification

Your Ref. No. 319/10/2024/By hand

Dated: 09-10-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 09-10-24 Tested on: 14-10-24 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	4500 Psi	13	9	2024	6Diax12	---	14	28.28	50	3960	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Ishtiaq Hussain, CNIC # 35201-3508795-1

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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7958
 Dr. M.Yousaf

To: Mr. Muhammad Waqas
 Site Incharge, THE SESCON (PVT) LTD.

Project: Remodeling of Shop Stop as Premeium Shop at PSO FS Magic River Lahore.

Our Ref. No. CL/CED/ 6152

Dated: 14-10-24

Test Specification

Your Ref. No. Requisitions /2024-25/011

Dated: 08-10-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 08-10-24 **Tested on:** 14-10-24 **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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	---	1	10	2024	6x6x6	---	8.2	36	41	2551	---	Non Engraved
2	---	1	10	2024	6x6x6	---	9	36	44	2738	---	Non Engraved
3	---	1	10	2024	6x6x6	---	9	36	50	3111	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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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Director/Dy. Director Concrete Laboratory



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7988
 Dr. M.Yousaf

To: Mr. Zaheer Abbas
 For Senior Manager Construction, Beaconhouse School System. (Educational Services Pvt. Ltd)

Project: Construction of Reception area at Gujranwala Palm Tree Campus.

Our Ref. No. CL/CED/ 6153

Dated: 14-10-24

Test Specification

Your Ref. No. Nil

Dated: 10-10-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 11-10-24 Tested on: 14-10-24 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	Column (3750 Psi)	15	7	2024	6x6x6	---	8.2	36	72	4480	---	Engraved
2	Column (3750 Psi)	15	7	2024	6x6x6	---	7.8	36	61	3796	---	Engraved
3	Ground Floor Slab (3000 Psi)	24	7	2024	6x6x6	---	8	36	55	3422	---	Engraved
4	Ground Floor Slab (3000 Psi)	24	7	2024	6x6x6	---	8.2	36	64	3982	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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7980
 Dr. M.Yousaf

To: Mr. Muazzam Shoukat
 Muhammad Younis Construction Company

Project: Construction of House No. 59-A, Ex Park View Phase 8, DHA Lahore.

Our Ref. No. CL/CED/ 6154

Dated: 14-10-24

Test Specification

Your Ref. No. Nil

Dated: 10-10-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 10-10-24 Tested on: 14-10-24 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	Basement Wall	14	9	2024	6x6x6	---	8.6	36	111	6907	---	Engraved
2	Basement Wall	14	9	2024	6x6x6	---	8.8	36	105	6533	---	Engraved
3	Basement Wall	14	9	2024	6x6x6	---	9	36	93	5787	---	Engraved
4	Basement Wall	14	9	2024	6x6x6	---	9	36	98	6098	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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7987
 Dr. M.Yousaf

To: Mr. Muazzam Shoukat
 Strong Ready Mix. (Company: Muhammad Younis Construction Company)

Project: Construction of House No. 59-A, Ex-Park View Phase 8, DHA Lahore.

Our Ref. No. CL/CED/ 6155

Dated: 14-10-24

Test Specification

Your Ref. No. Nil

Dated: 10-10-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 11-10-24 Tested on: 14-10-24 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	Basement Bed (4000 Psi)	2	9	2024	6x6x6	---	8.8	36	59	3671	---	Non Engraved
2	Basement Bed (4000 Psi)	2	9	2024	6x6x6	---	9	36	115	7156	---	Non Engraved
3	Basement Bed (4000 Psi)	2	9	2024	6x6x6	---	8.8	36	110	6844	---	Non Engraved
4	Basement Bed (4000 Psi)	2	9	2024	6x6x6	---	9	36	81	5040	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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7967
 Dr. M.Yousaf

To: Engr. M. Imran
 Resident Engineer, Master Consulting Engineers (Pvt) Ltd.

Project: Construction of 07-Storey Residential Block having Minimum 100 Rooms with attached Bathroom Facilities at Gurdwara Janamasthan Nankana Sahib.

Our Ref. No. CL/CED/ 6156

Dated: 14-10-24

Test Specification

Your Ref. No. NKB/RE/MCE/RCC/23

Dated: 07-10-24

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 09-10-24 Tested on: 14-10-24 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	Col. G/F (1:1:2)	12	9	2024	6x6x6	---	9.4	36	119	7404	---	Engraved
2	Col. G/F (1:1:2)	12	9	2024	6x6x6	---	9	36	132	8213	---	Engraved
3	Col. G/F (1:1:2)	12	9	2024	6x6x6	---	9.2	36	138	8587	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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.

7991
 Dr. M. Yousaf

To: Mr. M. Armughan Khan
 DEPUTY DIRECTOR (QCD), WASA, LDA, LAHORE.

Project: Tender No. XEN (O&M-I) / N.T / 2023 - 2024 / 202 - PCC / DRAINAGE SCHEME / SEWERAGE SCHEME
 UC-270, ARAYAN MOR KAHNA NEPAL. (M/S Hafiz Qadeer Ahmad & Co.)

Our Ref. No. CL/CED/ 6157

Dated: 14-10-24

Test Specification

Your Ref. No. QCD/2039-40

Dated: 09-10-24

(BS 1881-116)

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	---	1	8	2024	6x6x6	---	9	36	60	3733	---	Engraved
2	---	1	8	2024	6x6x6	---	8	36	47	2924	---	Engraved
3	---	1	8	2024	6x6x6	---	9	36	42	2613	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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