



**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.

126  
 Engr. A. Rehman

**To: Mr. WAQAS ASIF**  
 Director, for ICON CONSTRUCTION SERVICES, Johar Town, Lahore.

**Project: Fauzia & Harris Residence at Green Ford Lahore**

**Our Ref. No. CL/CED/ 9428**

**Dated: 10/09/2025**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 09/09/2025**

**( ASTM C39 )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 09/09/2025    Tested on: 10/09/2025    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	First Floor Slab-A (3000 Psi)	9	8	2025	6Diax12	---	13	28.28	33	2614	---	Engraved
2	First Floor Slab-A (3000 Psi)	9	8	2025	6Diax12	---	13	28.28	22.75	1802	---	Engraved
3	First Floor Slab-A (3000 Psi)	9	8	2025	6Diax12	---	12.8	28.28	19	1505	---	Engraved
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

- 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**  
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131  
 Engr. A. Rehman

**To:** Engr. Zohaib Abbas, Ittefaq Construction Associates  
**RE:** Shahid Sb, Project Management Consultant, HIKE Engineering Consultants

**Project:** Diagnostic Center for Mr. Manzoor A. Bhatti

**Our Ref. No.** CL/CED/ 9429

**Dated:** 10/09/2025

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 09/09/2025

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 09/09/2025 **Tested on:** 10/09/2025 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 Slab (3500 Psi)	7	8	2025	6Diax12	---	13.2	28.28	48	3802	---	Engraved
2	Basement Slab (3500 Psi)	7	8	2025	6Diax12	---	13.2	28.28	54	4277	---	Engraved
3	Basement Slab (3500 Psi)	7	8	2025	6Diax12	---	13.4	28.28	43	3406	---	Engraved
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

- 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.

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**Director/Dy. Director Concrete Laboratory**



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**Civil Engineering Department**  
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**ORIGINAL**  
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127  
 Engr. A. Rehman

**To:** Mr. Saeed Akhtar Bhatti  
 Project Manager, Syed Brothers (Pvt.) Ltd.

**Project:** 41 Babar Block Bahria Town, Lahore

**Our Ref. No. CL/CED/ 9430**

**Dated: 10/09/2025**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 04/09/2025**

**( ASTM C39 )**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 09/09/2025 **Tested on:** 10/09/2025 **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	2025	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
2	---	15	8	2025	6Diax12	---	13.4	28.28	63	4990	---	Non Engraved
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

- 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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123  
 Dr. Aqsa

**To:** Assistant Engineer/ Workshop  
 Pakistan Railway, Moghalpura

**Project:** Construction of 4 Nos Premium Shops and Allied Works at Shalimar Link Road in the Section of IOW-North Moghalpura

Our Ref. No. CL/CED/ 9431

Dated: 10/09/2025

Test Specification

Your Ref. No. W-1

Dated: 15/7/2025

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 09/09/2025 Tested on: 10/09/2025 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	7	2025	6Diax12	---	13	28.28	52	4119	---	Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
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
- \*\*\*\* AC1318-08 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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130  
 Dr. Aqsa

**To:** Engr. Riaz Ahmad  
 The Engineer's Rep/RE (A&D), NSICTR Project Lahore

**Project:** Establishment of Nawaz Sharif Institute of Cancer Treatment and Research Lahore (Phase-I, Package A & D) [BMT First Floor Slab A-D/13-15]

**Our Ref. No.** CL/CED/ 9432

**Dated:** 10/09/2025

**Test Specification**

**Your Ref. No.** Metropolitan-Asian(JV), NSICTR-RE(A&d)/279

**Dated:** 08/09/2025

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 09/09/2025 **Tested on:** 10/09/2025 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	Lab No. 466 (4000 Psi)	8	8	2025	6Diax12	---	14.4	28.28	76	6020	---	Non Engraved
2	Lab No. 466 (4000 Psi)	8	8	2025	6Diax12	---	14	28.28	68	5386	---	Non Engraved
3	Lab No. 466 (4000 Psi)	8	8	2025	6Diax12	---	14	28.28	67	5307	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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130  
 Dr. Aqsa

**To:** Engr. Riaz Ahmad  
 The Engineer's Rep/RE (A&D), NSICTR Project Lahore

**Project:** Establishment of Nawaz Sharif Institute of Cancer Treatment and Research Lahore (Phase-I, Package A & D) [BMT 2nd Floor Shear Wall 06 @G/6-7]

**Our Ref. No.** CL/CED/ 9433

**Dated:** 10/09/2025

**Test Specification**

**Your Ref. No.** Metropolitan-Asian(JV), NSICTR-RE(A&D)/280

**Dated:** 08/09/2025

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 09/09/2025 **Tested on:** 10/09/2025 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	Lab No. 469 (5000 Psi)	10	8	2025	6Diax12	---	14.4	28.28	76	6020	---	Non Engraved
2	Lab No. 469 (5000 Psi)	10	8	2025	6Diax12	---	14.4	28.28	74	5861	---	Non Engraved
3	Lab No. 469 (5000 Psi)	10	8	2025	6Diax12	---	14.4	28.28	76	6020	---	Non Engraved
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
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130  
 Dr. Aqsa

**To:** Engr. Riaz Ahmad  
 The Engineer's Rep/RE (A&D), NSICTR Project Lahore

**Project:** Establishment of Nawaz Sharif Institute of Cancer Treatment and Research Lahore (Phase-1, Package A&D)

**Our Ref. No.** CL/CED/ 9434

**Dated:** 10/09/2025

**Test Specification**

**Your Ref. No.** Metroplan-Asian(JV), NSICTR-RE(A&D)281

**Dated:** 08/09/2025

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## COMPRESSION TEST REPORT



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

**Specimens received on:** 09/09/2025 **Tested on:** 10/09/2025 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	Hollow Block	---	---	---	15.8 x 8 x 8	---	23	73.84	79	2397	---	---
2	Hollow Block	---	---	---	15.9 x 8 x 8	---	22.8	74.64	66	1981	---	---
3	Hollow Block	---	---	---	15.8 x 8 x 8	---	23	73.84	78	2366	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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

**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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98  
 Dr. Aqsa

**To: Mr. Rajan Singh**  
 Resident Engineer, Asian Consulting Engineers Pvt. Ltd. Canal Road, Lahore

**Project: Construction of Cinema & Moving Theatre Safari Zoo Lahore**

**Our Ref. No. CL/CED/ 9435**

**Dated: 10/09/2025**

**Test Specification**

**Your Ref. No. AsCE/IWE/CINE/RE/008/25**

**Dated: 04/09/2025**

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## COMPRESSION TEST REPORT



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

**Specimens received on: 04/09/2025    Tested on: 10/09/2025    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	---	---	---	12 x 6 x 8	19.07	17.4	72	32	996	9.6	---
2	Solid Block	---	---	---	12 x 6 x 8	---	18.4	72	37	1151	---	---
3	Solid Block	---	---	---	12 x 6 x 8	---	18	72	38	1182	---	---
4	Hollow Block	---	---	---	16 x 8 x 8	21.91	20.1	75.63	50	1481	9	---
5	Hollow Block	---	---	---	16 x 8 x 8	---	19.2	75.63	52	1540	---	---
6	Hollow Block	---	---	---	16 x 8 x 8.8	28.15	26.4	75.63	152	4502	6.63	---
7	Hollow Block	---	---	---	16 x 8 x 8.8	---	26.6	75.63	163	4828	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by: Mr. Tasawar Abbas, CNIC 12102-1567603-5 & Mr. Javed, CNIC # 33105-0362624-5**

**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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- 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.

128  
 Dr. Aqsa

To: **CW Manager**  
**ALPHACON, Islamabad**

**Project: Structure: Tower Raft Foundation, Site ID EC1-KSR-09856**

**Our Ref. No. CL/CED/ 9436**

**Dated: 10/09/2025**

**Test Specification**

**Your Ref. No. Nil**

**Dated: Nil**

**( BS 1881-116 )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 09/09/2025 Tested on: 10/09/2025 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	(1:1.5:3 and 1:4:8)	15	7	2025	6x6x6	---	8	36	112	6969	---	Non Engraved
2	(1:1.5:3 and 1:4:8)	15	7	2025	6x6x6	---	8	36	43	2676	---	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-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)**

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 Dr. Aqsa

To: **CW Manager**  
**ALPHACON, Islamabad**

**Project: Structure: Tower Column Foundation, DG & ODU Foundation, Site ID EC1-KSR-09856**

**Our Ref. No. CL/CED/ 9437**

**Dated: 10/09/2025**

Test Specification

**Your Ref. No. Nil**

**Dated: Nil**

**( BS 1881-116 )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 09/09/2025    Tested on: 10/09/2025    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								
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2	(1:1.5:3 and 1:4:8)	19	7	2025	6x6x6	---	8	36	74	4604	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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