



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.

3178
 Dr. Aqsa

To: Mr. Taslim Alam (Resident Engineer, Zeroline Bridge, Kartarpur)
 NESPAK Pvt. Ltd. Kartarpur Corridor .

Project: Construction of Bridge & Approach Road at Zero Line Kartarpur Corridor. (Contractor; M/S MSK)

Our Ref. No. CL/CED/ 8690

Dated: 27-04-22

Test Specification

Your Ref. No. 4371/021/TA/01/028

Dated: 22-04-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **22-04-22** Tested on: **26-04-22** 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	8 8	26	3	2022	6Diax12	---	13	28.28	59	4673	---	Non Engraved
2	8 9	26	3	2022	6Diax12	---	13.2	28.28	58	4594	---	Non Engraved
3	9 0	26	3	2022	6Diax12	---	13	28.28	49	3881	---	Non Engraved
4	1 3 9	12	4	2022	6Diax12	---	13	28.28	50	3960	---	Non Engraved
5	1 4 0	12	4	2022	6Diax12	---	13	28.28	52	4119	---	Non Engraved
6	141	12	4	2022	6Diax12	---	13	28.28	59	4673	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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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3198 & 3208
 Dr. Asif Hameed

To: Mr. Muhammad Sohail Anjum (Project Manager)
 MS Tower, J4 Lahore.

Project: Construction of MS Tower at Plot 450, 451 Johar Town Lahore.

Our Ref. No. CL/CED/ 8691

Dated: 27-04-22

Test Specification

Your Ref. No. MST/UET/2022/C-013

Dated: 25-04-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 26-04-22 Tested on: 27-04-22 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	3000 Psi (25)	28	3	2022	6Diax12	---	13.2	28.28	25	1980	---	Non Engraved
2	3000 Psi (23)	28	3	2022	6Diax12	---	13	28.28	31	2455	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Naeem Ur Rahman Durani, CNIC # 35202-0778168-5

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

- 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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3198 & 3208
 Dr. Asif Hameed

To: Mr. Muhammad Sohail Anjum (Project Manager)
 MS Tower, J4 Lahore.

Project: Construction of MS Tower at Plot 450, 451 Johar Town Lahore.

Our Ref. No. CL/CED/ 8692

Dated: 27-04-22

Test Specification

Your Ref. No. MST/UET/2022/C-012

Dated: 25-04-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26-04-22 Tested on: 27-04-22 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	3000 Psi (20)	27	3	2022	6Diax12	---	13.2	28.28	40	3168	---	Non Engraved
2	3000 Psi (21)	27	3	2022	6Diax12	---	13.4	28.28	43	3406	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Naeem Ur Rahman Durani, CNIC # 35202-0778168-5

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

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Director/Dy. Director Concrete Laboratory



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3198 & 3208
 Dr. Asif Hameed

To: Mr. Muhammad Sohail Anjum (Project Manager)
 MS Tower, J4 Lahore.

Project: Construction of MS Tower at Plot 450, 451 Johar Town Lahore.

Our Ref. No. CL/CED/ 8693

Dated: 27-04-22

Test Specification

Your Ref. No. MST/UET/2022/C-009

Dated: 22-04-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 26-04-22 **Tested on:** 27-04-22 **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	3000 Psi (65)	17	4	2022	6Diax12	---	13.8	28.28	33	2614	---	Non Engraved
2	3000 Psi (68)	17	4	2022	6Diax12	---	13.4	28.28	33	2614	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Naeem Ur Rahman Durani, CNIC # 35202-0778168-5

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
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Director/Dy. Director Concrete Laboratory



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3198 & 3208
 Dr. Asif Hameed

To: Mr. Muhammad Sohail Anjum (Project Manager)
 MS Tower, J4 Lahore.

Project: Construction of MS Tower at Plot 450, 451 Johar Town Lahore.

Our Ref. No. CL/CED/ 8694

Dated: 27-04-22

Test Specification

Your Ref. No. MST/UET/2022/C-011

Dated: 22-04-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 26-04-22 **Tested on:** 27-04-22 **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	3000 Psi (7)	26	3	2022	6Diax12	---	13.4	28.28	25	1980	---	Non Engraved
2	3000 Psi (9)	26	3	2022	6Diax12	---	13.4	28.28	31	2455	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Naeem Ur Rahman Durani, CNIC # 35202-0778168-5

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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3199
 Dr. Mazhar

To: Zaheer Abbas, Manager Construction
 Beaconhouse School System.

Project: Construction of New Campus Ibne Sina Campus at Valencia Town, Lahore. (BPS Pvt. Ltd.)

Our Ref. No. CL/CED/ 8695

Dated: 27-04-22

Test Specification

Your Ref. No. Nil

Dated: 25-04-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **26-04-22** Tested on: **27-04-22** 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	Footings (3200 Psi)	17	4	2022	6Diax12	---	13	28.28	47	3723	---	Engraved
2	Footings (3200 Psi)	17	4	2022	6Diax12	---	13	28.28	46	3644	---	Engraved
3	Footings (3200 Psi)	17	4	2022	6Diax12	---	13	28.28	51	4040	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3201
 Dr. Mazhar

To: Mr. Adnan Ejaz, Project Manager
 Signature Tower Icon.

Project: Nil

Our Ref. No. CL/CED/ 8696

Dated: 27-04-22

Test Specification

Your Ref. No. Sig-15

Dated: 25-04-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 26-04-22 Tested on: 27-04-22 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	2nd F. Slab (4000 Psi)	8	2	2022	6Diax12	---	13.8	28.28	88	6970	---	Non Engraved
2	2nd F. Slab (4000 Psi)	8	2	2022	6Diax12	---	13.4	28.28	86	6812	---	Non Engraved
3	2nd F. Slab (4000 Psi)	8	2	2022	6Diax12	---	13	28.28	94	7446	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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Director/Dy. Director Concrete Laboratory



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3189
 Dr. Aqsa

To: Maintenance Engineer PU, Lahore.
 University of the Punjab.

Project: Construction of 03 Labs and 09 Faculty Offices at 1st Floor Institution of Chemistry at Q.A.C.
 University of the Punjab.

Our Ref. No. CL/CED/ 8697

Dated: 27-04-22

Test Specification

Your Ref. No. D-762-ME-iv

Dated: 16-04-22

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25-04-22 **Tested on:** 26-04-22 **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	Columns (1:1.5:3)	28	12	2021	6x6x6	---	8.8	36	70	4356	---	Non Engraved
2	Columns (1:1.5:3)	28	12	2021	6x6x6	---	8.8	36	118	7342	---	Non Engraved
3	Columns (1:1.5:3)	28	12	2021	6x6x6	---	8.4	36	50	3111	---	Non Engraved
4	Columns (1:1.5:3)	28	12	2021	6x6x6	---	9	36	112	6969	---	Non Engraved
5	Columns (1:1.5:3)	28	12	2021	6x6x6	---	8.8	36	95	5911	---	Non Engraved
6	Columns (1:1.5:3)	28	12	2021	6x6x6	---	8.8	36	92	5724	---	Non Engraved
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-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.

3189
 Dr. Aqsa

To: Maintenance Engineer PU, Lahore.
 University of the Punjab.

Project: Construction of 03 Labs and 09 Faculty Offices at 1st Floor Institution of Chemistry at Q.A.C.
 University of the Punjab.

Our Ref. No. CL/CED/ 8698

Dated: 27-04-22

Test Specification

Your Ref. No. D-761-ME-iv

Dated: 16-04-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 25-04-22 **Tested on:** 26-04-22 **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	Slab (1:2:4)	23	2	2022	6x6x6	---	8.6	36	89	5538	---	Non Engraved
2	Slab (1:2:4)	23	2	2022	6x6x6	---	8.6	36	99	6160	---	Non Engraved
3	Slab (1:2:4)	23	2	2022	6x6x6	---	8.6	36	98	6098	---	Non Engraved
4	Slab (1:2:4)	23	2	2022	6x6x6	---	8.6	36	113	7031	---	Non Engraved
5	Slab (1:2:4)	23	2	2022	6x6x6	---	8.6	36	115	7156	---	Non Engraved
6	Slab (1:2:4)	23	2	2022	6x6x6	---	8.6	36	88	5476	---	Non Engraved
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-reports1/>

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

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2. 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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 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3183
 Dr. Aqsa

To: Sub Divisional Officer
 Highway Sub Division Raiwind.

Project: Special Repair of Raiwind Manga Road Underpass Multan Road in District Lahore.

Our Ref. No. CL/CED/ 8699

Dated: 27-04-22

Test Specification

Your Ref. No. 493/SDR

Dated: 22-04-22

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25-04-22 Tested on: 26-04-22 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	---	22	3	2022	6x6x6	---	8.6	36	71	4418	---	Non Engraved
2	---	22	3	2022	6x6x6	---	8	36	39	2427	---	Non Engraved
3	---	22	3	2022	6x6x6	---	8	36	71	4418	---	Non Engraved
4	---	22	3	2022	6x6x6	---	8	36	67	4169	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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