



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.

5142

Engr. Ubaid

To: Mr. Arslan Masood, Managing Director
XPERT Construction Chemicals (Pvt.) Ltd. Ferozepur Road, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 1815

Dated: 28-04-23

Test Specification

Your Ref. No. XCCPL Ref: MD/23/014

Dated: 26-04-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 26-04-23 Tested on: 27-04-23 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	XPERT FLOW GROUT-65	30	3	2023	2x2x2	---	275	4	18.6	10249	---	Non Engraved
2	XPERT FLOW GROUT-65	30	3	2023	2x2x2	---	275	4	15	8265	---	Non Engraved
3	XPERT FLOW GROUT-65	30	3	2023	2x2x2	---	275	4	16.7	9202	---	Non Engraved
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Witnessed by: Nil

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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5142
 Engr. Ubaid

To: Mr. Arslan Masood, Managing Director
 XPERT Construction Chemicals (Pvt.) Ltd. Ferozepur Road, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 1816

Dated: 28-04-23

Test Specification

Your Ref. No. XCCPL Ref: MD/23/014

Dated: 26-04-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **26-04-23** Tested on: **27-04-23** 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	XPERT FLOW GROUT-85	30	3	2023	2x2x2	---	280	4	20.8	11461	---	Non Engraved
2	XPERT FLOW GROUT-85	30	3	2023	2x2x2	---	280	4	17.1	9422	---	Non Engraved
3	XPERT FLOW GROUT-85	30	3	2023	2x2x2	---	275	4	12.3	6777	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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ORIGINAL

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5124

Dr. Burhan Sharif

To: Mr. Mohammad Shafiq Malik, Manager HSEQ & Risk
REEM Heights, Lahore Times Square Ltd.

Project: Nil

Our Ref. No. CL/CED/ 1817

Dated: 28-04-23

Test Specification

Your Ref. No. LTS0000000-LTS-LTR-QL-000003

Dated: 13-04-23

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 14-04-23 Tested on: 28-04-23 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	LTS (3/1)	---	---	---	4x4x4	---	580	16	2.75	379	---	Cut Cube
2	LTS (3/2)	---	---	---	4x4x4	---	575	16	2.75	379	---	Cut Cube
3	LTS (3/3)	---	---	---	4x4x4	---	560	16	2.65	365	---	Cut Cube
4	LTS (1/1)	---	---	---	4x4x4	875	560	---	---	---	56.25	Cut Cube
5	LTS (1/2)	---	---	---	4x4x4	880	565	---	---	---	55.75	Cut Cube
6	LTS (1/3)	---	---	---	4x4x4	870	575	---	---	---	51.3	Cut Cube
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Witnessed by: Nil

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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ORIGINAL
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5144
 Dr. M. Yousaf

To: Mr. M. Irbaz Khan
 Ozone Construction Chemicals Pvt. Ltd.

Project: Nil

Our Ref. No. CL/CED/ 1818

Dated: 28-04-23

Test Specification

Your Ref. No. Nil

Dated: 27-04-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 27-04-23 **Tested on:** 28-04-23 **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	Ozone Grout NS	31	3	2023	2.8x2.8x2.8	---	645	7.84	46	13143	---	Non Engraved
2	Ozone Grout NS	31	3	2023	2.8x2.8x2.8	---	660	7.84	46	13143	---	Non Engraved
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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" dia x 12" cylinder) strength at 28 days as compressive strength

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5147 & 5151
 Dr. Asad Gillani

To: Captain (Haseeb Falak Baloch)
 Project Officer, 100 Engineers Battalion (AL-ADIYAT) Lahore Cantonment.
 Project: Diversion of Hudiara Drain into Ditch Cum Bund (DCB) in 10 Division Area of Responsibility is Under Progress. (Hudiara Structure)
 Our Ref. No. CL/CED/ 1819 Dated: 28-04-23 Test Specification
 Your Ref. No. 607/Project Dated: 27-04-23 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **28-04-23** Tested on: **28-04-23** 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	(1:2:4)	10	3	2023	6x6x6	---	8.6	36	69	4293	---	Non Engraved
2	(1:2:4)	10	3	2023	6x6x6	---	8	36	65	4044	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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ORIGINAL
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5143
 Dr. Asad Gillani

To: Project Manager
 Al-Imam PMC (Pvt) Ltd.

Project: Construction of New Telehouse Brick Room at Zong MSC Faisalabad, Columns at Grid-2.

Our Ref. No. CL/CED/ 1820

Dated: 28-04-23

Test Specification

Your Ref. No. ALM/CMPak/23/264

Dated: 26-04-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **27-04-23** Tested on: **28-04-23** 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	22	3	2023	6Diax12	---	13.2	28.28	43	3406	---	Engraved
2	3000 Psi	22	3	2023	6Diax12	---	13	28.28	45	3564	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Ramzan, CNIC # 37406-2787904-1

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- * as engraved on the specimens (if any)
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Director/Dy. Director Concrete Laboratory



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5143
 Dr. Asad Gillani

To: Project Manager
 Al-Imam PMC (Pvt) Ltd.

Project: Construction of New Telehouse Brick Room at Zong MSC Faisalabad, Columns at Grid-1.

Our Ref. No. CL/CED/ 1821

Dated: 28-04-23

Test Specification

Your Ref. No. ALM/CMPak/23/264-A

Dated: 26-04-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **27-04-23** Tested on: **28-04-23** 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	24	3	2023	6Diax12	---	13.4	28.28	57	4515	---	Engraved
2	3000 Psi	24	3	2023	6Diax12	---	14	28.28	59	4673	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Ramzan, CNIC # 37406-2787904-1

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

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Director/Dy. Director Concrete Laboratory



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5145
 Dr. M. Yousaf

To: Resident Engineer (Civil)
 Model Bazaar Head Office Building, MASCON Associates & HA Consulting Engineers

Project: Establishment of Model Bazaar Head Office Building

Our Ref. No. CL/CED/ 1822

Dated: 28/4/2023

Test Specification

Your Ref. No. MAC-HAC/23/PMBMC/LT/044

Dated: 27/4/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **27/04/2023** Tested on: **28/4/2023** 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	3rd Floor Lift (3000 Psi)	23	3	2023	6Diax12	---	14	28.28	74	5861	---	Non Engraved
2	3rd Floor Lift (3000 Psi)	23	3	2023	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
3	3rd Floor Lift (3000 Psi)	23	3	2023	6Diax12	---	13	28.28	45	3564	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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- 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.

5145
 Dr. M. Yousaf

To: Resident Engineer (Civil)
 Model Bazaar Head Office Building, MASCON Associates & HA Consulting Engineers

Project: Establishment of Model Bazaar Head Office Building

Our Ref. No. CL/CED/ 1823

Dated: 28/4/2023

Test Specification

Your Ref. No. MAC-HAC/23/PMBMC/LT/045

Dated: 27/4/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/04/2023 **Tested on:** 28/4/2023 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	Boundary Wall Col. (3000 Psi)	28	3	2023	6Diax12	---	13	28.28	53	4198	---	Non Engraved
2	Boundary Wall Col. (3000 Psi)	28	3	2023	6Diax12	---	13	28.28	50	3960	---	Non Engraved
3	Boundary Wall Col. (3000 Psi)	28	3	2023	6Diax12	---	12.4	28.28	41	3248	---	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"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
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ORIGINAL
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5132
 Dr. M. Yousaf

To: Professional Construction Services (Pvt.) Ltd
 Johar Town, Lahore.

Project: TCF Secondary School Gelewal, Khanewal / Bahwalpur.

Our Ref. No. CL/CED/ 1824

Dated: 28/4/2023

Test Specification

Your Ref. No. PCS/23/Eng-27

Dated: 17/4/2023

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **17/4/2023** Tested on: **28/4/2023** 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	Mark-15	---	---	---	8.8 x 4.2 x 3	3285	2945	36.96	33	2000	11.54	---	
2	Mark-15	---	---	---	8.9 x 4.3 x 2.9	3280	3045	38.27	40	2341	7.72	---	
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/>

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- ** 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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
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ORIGINAL
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5103
 Dr. M. Yousaf

To: Sub Divisional Officer
 Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab, at Lahore.

Our Ref. No. CL/CED/ 1825

Dated: 28/4/2023

Test Specification

Your Ref. No. 75/22nd

Dated: 06-04-23

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 11-04-23 Tested on: 28/4/2023 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	RA	---	---	---	8.9 x 4.4 x 2.9	---	3250	39.16	46	2631	---	---	
2	RA	---	---	---	8.9 x 4.4 x 3	---	3175	39.16	37	2116	---	---	
3	RA	---	---	---	9 x 4.4 x 3.1	---	3435	39.6	42	2376	---	---	
4	RA	---	---	---	8.7 x 4.3 x 2.9	---	3340	37.41	35	2096	---	---	
5	RA	---	---	---	9 x 4.4 x 2.9	---	3290	39.6	37	2093	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
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12	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
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