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.

9374
Dr. M. Yousaf

To: Mr. Ameer Hamza Anjum
SQN LDR GE (AIR) Lahore. E-6 Section

Project: Construction of CSSD, Laundary & Services Area at PAF Hospital, Lahore.

Our Ref. No. CL/CED/ 8198-2 of 2 Dated: 19/05/2025 Test Specification

Your Ref. No. 6850/06/E6 Dated: 28/04/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 02/05/2025 Tested on: 19/05/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	P-77	---	---	---	8.8 x 4.3 x 3	3635	3190	37.84	32	1894	13.95	---
2	P-77	---	---	---	8.5 x 4.1 x 2.8	3265	3015	34.85	41	2635	8.29	---
3	P-77	---	---	---	8.8 x 4.1 x 2.9	3545	3120	36.08	38	2359	13.62	---
4	P-77	---	---	---	8.5 x 4 x 2.9	3705	3245	34	38	2504	14.18	---
5	P-77	---	---	---	8.8 x 4.3 x 2.9	3430	3090	37.84	40	2368	11	---
6	P-77	---	---	---	9 x 4.3 x 3	3790	3335	38.7	33	1910	13.64	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

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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ORIGINAL
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9333
Dr. M. Yousaf

To: Engr. Hassan Mehmood
Resident Engineer, G3 Engineering Consultants Pvt. Ltd.

Project: Construction of DHA Newlife Residencia Appartments at 273/1 Q Block Phase-II DHA, Lahore.

Our Ref. No. CL/CED/ 8266 Dated: 19/05/2025 Test Specification

Your Ref. No. G3/DHA-NLD/RE/Prof/30 Dated: 22/04/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 24/04/2025 Tested on: 19/05/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	No.1	---	---	---	8.8 x 4.3 x 3	3870	3480	37.84	44	2605	11.21	---
2	No.1	---	---	---	8.9 x 4.4 x 3.1	3915	3560	39.16	42	2402	9.97	---
3	No.1	---	---	---	8.9 x 4.4 x 3.1	3875	3470	39.16	38	2174	11.67	---
4	No.1	---	---	---	8.9 x 4.3 x 3	3925	3540	38.27	45	2634	10.88	---
5	No.1	---	---	---	8.8 x 4.3 x 3	3820	3445	37.84	38	2249	10.89	---
6	No.1	---	---	---	8.8 x 4.3 x 3	3770	3390	37.84	40	2368	11.21	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

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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ORIGINAL
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9447
Dr. M. Burhan

To: Mr. Anwar Ul Haq
Project Manager, IKAN Engineering Services Pvt. Ltd.

Project: ZONG-MSC FSD

Our Ref. No. CL/CED/ 8267 **Dated: 19/05/2025** **Test Specification**

Your Ref. No. IKAN-FSD-SITE-UET/009 **Dated: 19/05/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 19/05/2025 **Tested on:** 19/05/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Main Column	11	5	2025	6Diax12	---	13	28.28	34	2693	---	Engraved
2	Main Column	11	5	2025	6Diax12	---	13.6	28.28	36	2851	---	Engraved
3	Main Column	11	5	2025	6Diax12	---	13.6	28.28	30	2376	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Ramzan, Site Engr. & Mr. Naeem, Site Supervisor

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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compresssive strength

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)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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9437
Dr. M.Yousaf

To: Mr. Shakeel Ahmad
Project Engineer, Halla, Pattoki. (Mezan Beverages Dairy Unit Pvt. Ltd.)

Project: Silo Foundation at Pattoki.

Our Ref. No. CL/CED/ 8268 **Dated: 17/05/2025** **Test Specification**

Your Ref. No. MD/Con/CIV/00170 **Dated: 15/05/2025** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 16/05/2025 Tested on: 17/05/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Wall of Silo	3	5	2025	6x6x6	---	8.8	36	96	5973	---	Non Engraved
2	Wall of Silo	3	5	2025	6x6x6	---	8.8	36	105	6533	---	Non Engraved
3	Duct, Foundation	6	5	2025	6x6x6	---	8.6	36	78	4853	---	Non Engraved
4	Duct, Foundation	6	5	2025	6x6x6	---	8.8	36	79	4916	---	Non Engraved
5	Sio Wall upto Finish level	7	5	2025	6x6x6	---	9	36	79	4916	---	Engraved
6	Sio Wall upto Finish level	7	5	2025	6x6x6	---	8.8	36	97	6036	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

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)
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ORIGINAL
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9432
Dr. M.Yousaf

To: Mr. Hammad Javed
Resident Engineer, Jaranwala. H.A Consulting Jv Mascon Associates Pvt. Ltd.

Project: Construction of Model Bazar at Jaranwala.

Our Ref. No. CL/CED/ 8269 **Dated:** 17/05/2025 **Test Specification**

Your Ref. No. 25/HAC-MAS/RE/JRW/0030 **Dated:** 20/04/2025 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 16/05/2025 **Tested on:** 17/05/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Kerb Stone	---	---	---	6x6x6	---	8.6	36	78	4853	---	Cut Cube
2	Kerb Stone	---	---	---	6x6x6	---	8.4	36	89	5538	---	Cut Cube
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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9394
Dr. M. Yousaf

To: Mr. Muhammad Saleem
Operations Manager, The Skyline Mall & Residences

Project: The Skyline Mall & Residences, Raiwind Road Lahore.

Our Ref. No. CL/CED/ 9270 **Dated:** 17/05/2025 **Test Specification**

Your Ref. No. Nil **Dated:** Nil (----)

COMPRESSION TEST REPORT

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

Specimens received on: 12/05/2025 **Tested on:** 17/05/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Solid Block (4x8x12)	---	---	---	11.9 x 3.9 x 8	---	6.6	46.41	11	531	---	Light Weight
2	Solid Block (4x8x12)	---	---	---	11.9 x 4 x 8	---	7.6	47.6	15	706	---	Light Weight
3	Solid Block (4x8x12)	---	---	---	11.9 x 3.9 x 8	---	7	46.41	18	869	---	Light Weight
4	Solid Block (6x8x12)	---	---	---	11.9 x 5.9 x 8	---	11	70.21	24	766	---	Light Weight
5	Solid Block (6x8x12)	---	---	---	12 x 5.9 x 8	---	11.4	70.8	34	1076	---	Light Weight
6	Solid Block (6x8x12)	---	---	---	11.9 x 6 x 8	---	10.4	71.4	21	659	---	Light Weight
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

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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ORIGINAL
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9444
Dr. M. Yousaf

To: Engr. Aziz Ur Rehman
Assistant Resident Engineers/ER, On the behalf of ACE-Arts.

Project: Construction Supervision for Construction of NET ZERO Energy Building (ACEIP, DLI-8), Lahore.

Our Ref. No. CL/CED/ 9271 Dated: 17/05/2025 Test Specification

Your Ref. No. NZEB/ACE/LAB/2025/43 Dated: 16/05/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 16/05/2025 Tested on: 17/05/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Solid Block (1900 Psi)	10	4	2025	12 x 6 x 8	---	21	72	60	1867	---	---
2	Solid Block (1900 Psi)	10	4	2025	11.9 x 6 x 8	---	20	71.4	49	1537	---	---
3	Solid Block (1900 Psi)	10	4	2025	11.9 x 6 x 8	---	20	71.4	49	1537	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

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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9371
Dr. M. Yousaf

To: Mr. Sulman
Material Engineer, BH Consultants.

Project: Construction of 4-Storey Commercial Building (Frame Structure), E1-Block, Valancia Society, Lahore.

Our Ref. No. CL/CED/ 8272 **Dated:** 17/05/2025 **Test Specification**

Your Ref. No. Request #46 **Dated:** 30/04/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 02/05/2025 **Tested on:** 17/05/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	*M*	---	---	---	9 x 4.4 x 3	3750	3265	39.6	28	1584	14.85	---
2	*M*	---	---	---	9 x 4.3 x 3	3610	3145	38.7	32	1852	14.79	---
3	*M*	---	---	---	9 x 4.4 x 3	3700	3230	39.6	33	1867	14.55	---
4	*M*	---	---	---	8.9 x 4.3 x 3	3895	3425	38.27	43	2517	13.72	---
5	*M*	---	---	---	8.9 x 4.3 x 3.1	3920	3475	38.27	45	2634	12.81	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compresssive strength

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**

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.

9372
Dr. M. Yousaf

To: Mr. Sulman
Material Engineer, BH Consultants.

Project: Construction of 4-Storey Commercial Building (Frame Structure), J-Block, Valancia Society, Lahore.

Our Ref. No. CL/CED/ 8273-1 of 2 Dated: 17/05/2025 Test Specification

Your Ref. No. Request #47 Dated: 30/04/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 02/05/2025 Tested on: 17/05/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	H	---	---	---	9 x 4.4 x 3.1	3800	3425	39.6	42	2376	10.95	---
2	H	---	---	---	8.8 x 4.3 x 2.9	3680	3285	37.84	46	2723	12.02	---
3	H	---	---	---	9 x 4.2 x 2.9	3640	3270	37.8	39	2311	11.31	---
4	H	---	---	---	9 x 4.4 x 2.9	3705	3300	39.6	37	2093	12.27	---
5	H	---	---	---	8.8 x 4.2 x 2.9	3705	3320	36.96	37	2242	11.6	---
6	MBS	---	---	---	9 x 4.4 x 3	3755	3215	39.6	32	1810	16.8	---
7	MBS	---	---	---	9 x 4.3 x 2.9	3700	3210	38.7	29	1679	15.26	---
8	MBS	---	---	---	9 x 4.4 x 3	3670	3185	39.6	29	1640	15.23	---
9	MBS	---	---	---	9 x 4.4 x 3	3765	3250	39.6	34	1923	15.85	---
10	MBS	---	---	---	8.9 x 4.3 x 2.9	3715	3205	38.27	34	1990	15.91	---
11	HA	---	---	---	8.8 x 4.3 x 3	3540	3170	37.84	38	2249	11.67	---
12	HA	---	---	---	8.9 x 4.4 x 2.9	3595	3185	39.16	18	1030	12.87	---
13	HA	---	---	---	8.9 x 4.3 x 3	3585	3110	38.27	22	1288	15.27	---
14	HA	---	---	---	8.9 x 4.3 x 3	3780	3385	38.27	34	1990	11.67	---
15	HA	---	---	---	8.9 x 4.3 x 2.9	3405	3030	38.27	27	1580	12.38	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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Material Engineer, BH Consultants.

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Our Ref. No. CL/CED/ 8273-2 of 2 Dated: 17/05/2025 Test Specification

Your Ref. No. Request #47 Dated: 30/04/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

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1	*M*	---	---	---	8.8 x 4.2 x 2.9	3740	3335	36.96	28	1697	12.14	---
2	*M*	---	---	---	8.8 x 4.3 x 3	3975	3535	37.84	32	1894	12.45	---
3	*M*	---	---	---	8.9 x 4.3 x 3	3855	3425	38.27	35	2049	12.55	---
4	*M*	---	---	---	9 x 4.4 x 3	3845	3420	39.6	32	1810	12.43	---
5	*M*	---	---	---	8.9 x 4.3 x 3.1	3915	3485	38.27	34	1990	12.34	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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