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.

7080
Engr. A. Rehman

To: Mr. Jawad Ahmed
Project Manager, Izhar Construction (Pvt) Ltd.

Project: Construction of Nishat Paper Products Company Limited Sheikhupura.

Our Ref. No. CL/CED/ 4856 **Dated: 10/05/2024** **Test Specification**

Your Ref. No. ICPL/0685/NPPCL/B-01 **Dated: 24/04/2024** **(----)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 26/04/2024 Tested on: 10/05/2024 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	R	---	---	---	8.9 x 4.1 x 2.8	3475	2970	36.49	30	1842	17	---
2	R	---	---	---	8.8 x 4.2 x 2.8	3375	2890	36.96	28	1697	16.78	---
3	R	---	---	---	8.7 x 4.2 x 2.9	3465	2980	36.54	30	1839	16.28	---
4	CB	---	---	---	8.8 x 4.2 x 2.6	3290	2860	36.96	28	1697	15.03	---
5	CB	---	---	---	8.7 x 4.2 x 2.8	3375	2795	36.54	34	2084	20.75	---
6	CB	---	---	---	8.7 x 4.2 x 2.9	3170	2875	36.54	48	2943	10.26	---
7	RC	---	---	---	8.8 x 4.3 x 2.9	3515	3120	37.84	44	2605	12.66	---
8	RC	---	---	---	8.8 x 4.2 x 2.8	3645	3290	36.96	36	2182	10.79	---
9	RC	---	---	---	8.8 x 4.2 x 2.8	3660	3250	36.96	42	2545	12.62	---
10	B	---	---	---	8.8 x 4.2 x 2.9	3585	3175	36.96	49	2970	12.91	---
11	B	---	---	---	8.7 x 4.3 x 2.9	3575	3190	37.41	52	3114	12.07	---
12	B	---	---	---	8.8 x 4.2 x 3	3600	3205	36.96	42	2545	12.32	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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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 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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7141
Engr. A. Rehman

To: Mr. Muhammad Hassnain Jaffar
Project Manager, 7 Canal Developers

Project: Construction of 7 Canal Residential Apartment Buildings

Our Ref. No. CL/CED/ 4857 **Dated: 10/05/2024** **Test Specification**

Your Ref. No. Nil **Dated: 08/05/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 08/05/2024 Tested on: 10/05/2024 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	---	6	4	2024	6Diax12	---	14	28.28	95	7525	---	Non Engraved
2	---	6	4	2024	6Diax12	---	14.2	28.28	113	8950	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Shabbir Hussain

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**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
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7125
Engr. A. Rehman

To: Mr. Muhammad Arif
Contract Manager, For Thaheem Construction Company

Project: VET LINE PHARMCUTICAL PVT LIMITED AT SUNDER INDUSTRIAL ESTATE LAHORE.

Our Ref. No. CL/CED/ 4858 **Dated:** 10/05/2024 **Test Specification**

Your Ref. No. TCC/UET/701 **Dated:** 03/05/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/05/2024 **Tested on:** 10/05/2024 **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	Fourth Floor Slab (3000 Psi)	2	4	2024	6Diax12	---	13.6	28.28	50	3960	---	Non Engraved
2	Fourth Floor Slab (3000 Psi)	2	4	2024	6Diax12	---	13.4	28.28	52	4119	---	Non Engraved
3	Fourth Floor Slab (3000 Psi)	2	4	2024	6Diax12	---	13.2	28.28	62	4911	---	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/

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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7113
Dr. Ubaid

To: (Huma Asif)
Assistant Executive Engineer-IV, Central Civil Division No. 1, Pak PWD, Lahore.

Project: Institutional Strengthening and Augmentation of Training and Research Functions of National School of Public Policy Lahore (Sub-Head: New Office Block). (Contractor: M/s Ch. Mubarik Ali)

Our Ref. No. CL/CED/ 4859 Dated: 10/05/2024 Test Specification

Your Ref. No. AEE-IV/CCD-I/LHR/128 Dated: 01/06/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 Tested on: 09/05/2024 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	Conc. Cube 1:2:4 F/F Slab	27	4	2023	6x6x6	---	8.4	36	86	5351	---	Non Engraved
2	Conc. Cube 1:2:4 F/F Slab	27	4	2023	6x6x6	---	8.2	36	86	5351	---	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/

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

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ORIGINAL
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7113
Engr. A. Rehman

To: (Huma Asif)
Assistant Executive Engineer-IV, Central Civil Division No. 1, Pak PWD, Lahore.

Project: Institutional Strengthening and Augmentation of Training and Research Functions of National School of Public Policy Lahore (Sub-Head: New Office Block). (Contractor: M/s Ch. Mubarik Ali)

Our Ref. No. CL/CED/ 4859 Dated: 10/05/2024 Test Specification

Your Ref. No. AEE-IV/CCD-I/LHR/114 Dated: 30/01/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 Tested on: 10/05/2024 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	Conc. Cube 1:2:4 G/F Slab	22	8	2022	6x6x6	---	8.4	36	64	3982	---	Non Engraved
2	Conc. Cube 1:2:4 G/F Slab	22	8	2022	6x6x6	---	8.6	36	72	4480	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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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7099
Engr. A. Rehman

To: Mr. Muhammad Arif
For Uzair & Co. 482 F-2, Johar Town, Lahore.

Project: Construction of TCF School Awan Dhai Wala Lahore-I.

Our Ref. No. CL/CED/ 4861 **Dated:** 10/05/2024 **Test Specification**

Your Ref. No. Nil **Dated:** 26/04/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 **Tested on:** 10/05/2024 **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	---	---	---	8.8 x 4.3 x 3	---	3330	37.84	46	2723	---	---
2	P	---	---	---	8.8 x 4.3 x 3	---	3290	37.84	46	2723	---	---
3	P	---	---	---	8.9 x 4.3 x 2.9	---	3230	38.27	41	2400	---	---
4	P	---	---	---	8.8 x 4.3 x 3.1	---	3375	37.84	46	2723	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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 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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7133
Engr. A. Rehman

To: Assistant Executive Engineer
Pakistan Railways Wazirabad.

Project: Construction of 10 Shops at Sokhaki Railway Station.

Our Ref. No. CL/CED/ 4862 **Dated: 10/05/2024** **Test Specification**

Your Ref. No. W/3 **Dated: 03/05/2024** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 06/05/2024 Tested on: 10/05/2024 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	S	---	---	---	8.9 x 4.2 x 3	---	3390	37.38	38	2277	---	---
2	S	---	---	---	8.8 x 4.3 x 3	---	3440	37.84	49	2901	---	---
3	S	---	---	---	8.8 x 4.3 x 3	---	3395	37.84	43	2545	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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 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
A carbon copy for the report has been retained in the lab for record.

7132
Engr. A. Rehman

To: Engr. Haseeb Afzal
Project Manager, HMB Developers (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 4863 **Dated:** 10/05/2024 **Test Specification**

Your Ref. No. Nil **Dated:** 06/05/2024 **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 06/05/2024 **Tested on:** 10/05/2024 **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	Rect. Grey, 80mm, Sample # 2	27	12	2023	7.8 x 3.8 x 3	---	3560	29.64	83	6273	---	---
2	Rect. Grey, 80mm, Sample # 2	27	12	2023	7.8 x 3.8 x 3	---	3530	29.64	98	7406	---	---
3	Rect. Grey, 80mm, Sample # 2	27	12	2023	7.8 x 3.8 x 3	---	3655	29.64	74	5592	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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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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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.

7132
Engr. A. Rehman

To: Engr. Haseeb Afzal
Project Manager, HMB Developers (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 4864 **Dated:** 10/05/2024 **Test Specification**

Your Ref. No. Nil **Dated:** 06/05/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 06/05/2024 **Tested on:** 10/05/2024 **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	Rect. Grey, 80mm, Sample # 1	24	12	2023	7.8 x 3.8 x 3	---	3590	29.64	97	7331	---	---
2	Rect. Grey, 80mm, Sample # 1	24	12	2023	7.8 x 3.8 x 3	---	3485	29.64	92	6953	---	---
3	Rect. Grey, 80mm, Sample # 1	24	12	2023	7.8 x 3.8 x 3	---	3520	29.64	90	6802	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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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)
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Engr. A. Rehman

To: Engr. Haseeb Afzal
Project Manager, HMB Developers (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 4865 **Dated:** 10/05/2024 **Test Specification**

Your Ref. No. Nil **Dated:** 06/05/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 06/05/2024 **Tested on:** 10/05/2024 **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	Rect. Grey, 80mm, Sample # 3	17	1	2024	7.8 x 3.8 x 3	---	3540	29.64	67	5063	---	---
2	Rect. Grey, 80mm, Sample # 3	17	1	2024	7.8 x 3.8 x 3	---	3515	29.64	72	5441	---	---
3	Rect. Grey, 80mm, Sample # 3	17	1	2024	7.8 x 3.8 x 3	---	3615	29.64	87	6575	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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