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.

6831
Dr. Umbreen

To: Mr. Adnan Yasir
Assistant Resident Engineer, Package-III (PCP) Gojra. (MM Pakistan Pvt. Ltd.)

Project: Upgradation of Sewerage System and Construction of Waste Water Treatment Plant (WWTP) Gojra City. Package 01-Sewerage System. (Contractor: M/S Hanif Anjum)

Our Ref. No. CL/CED/ 4457 Dated: 18-03-24

Your Ref. No. MMP/1095/Gojra/SEW/10/2024 Dated: 21-02-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 07-03-24 **Tested on:** 14-03-24 **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	RCC Sewer Pipe (1:1.5:3)	24	1	2024	6x6x6	---	8	36	95	5911	---	Non Engraved
2	RCC Sewer Pipe (1:1.5:3)	24	1	2024	6x6x6	---	7.4	36	114	7093	---	Non Engraved
3	RCC Sewer Pipe (1:1.5:3)	24	1	2024	6x6x6	---	8.2	36	70	4356	---	Non Engraved
4	RCC Sewer Pipe (1:1.5:3)	25	1	2024	6x6x6	---	8.4	36	92	5724	---	Non Engraved
5	RCC Sewer Pipe (1:1.5:3)	25	1	2024	6x6x6	---	8	36	74	4604	---	Non Engraved
6	RCC Sewer Pipe (1:1.5:3)	25	1	2024	6x6x6	---	8	36	95	5911	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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)
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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6876
Dr. M. Yousaf

To: Mr. Amir Rabbani
For INTERSAC CANADA

Project: Advanced Light Weight Concrete Solid Block

Our Ref. No. CL/CED/ 4458 **Dated: 18-03-24** **Test Specification**

Your Ref. No. ALC/URGENT/231123 **Dated: 18-03-24** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 18-03-24 **Tested on:** 18-03-24 **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	ALC Solid Block	23	11	2023	11.9 x 4 x 8	---	7.2	47.6	10.5	494	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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
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 comprerssive 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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6876
Dr. M. Yousaf

To: Mr. Amir Rabbani
For INTERSAC CANADA

Project: Advanced Light Weight Concrete Solid Block

Our Ref. No. CL/CED/ 4459 **Dated: 18-03-24** **Test Specification**

Your Ref. No. ALC/URGENT/240228 **Dated: 18-03-24** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 18-03-24 Tested on: 18-03-24 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	ALC Solid Block	28	2	2024	11.9 x 3.9 x 7.9	---	6	46.41	5.5	265	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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
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 comprerssive 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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Civil Engineering Department
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ORIGINAL
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6878
Dr. M. Yousaf

To: **Mr. Rashid Kamran**
Resident Engineer, Construction Management Division, NESPAK (Pvt) Ltd.

Project: Development of Infrastructure Works in Newly Cleared Areas of LDA Avenue-I, Lahore (Package-3).
(Contractor: M/S AKB Engineering & Construction Pvt Ltd.)

Our Ref. No. CL/CED/ 4460 **Dated: 18-03-24** **Test Specification**

Your Ref. No. 2599/13/RK/05/P-3/146 **Dated: 08-03-24** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 18-03-24 **Tested on:** 18-03-24 **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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3615	30.42	77	5670	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3540	30.42	85	6259	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3645	30.42	87	6406	---	---
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 comprerssive 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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6864
Dr. M.Yousaf

To: Deputy Director (Engg.)
Lahore Development Authority U.D. Wing M.A Johar Town, Lahore.

Project: Shifting / Construction of Building Block of Police Station Shahdara Lahore Falling in Alignment of the Project " Construction of Multi-Level Grade Separation at Shahdara Morr, Lahore.

Our Ref. No. CL/CED/ 4461 Dated: 18-03-24

Your Ref. No. DD (Engg.)/LDA/21 Dated: 11-03-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13-03-24 Tested on: 18-03-24 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	Concrete Blocks Footing (1:2:4)	13	2	2024	6x6x6	---	8	36	84	5227	---	Non Engraved
2	Concrete Blocks Footing (1:2:4)	13	2	2024	6x6x6	---	8.2	36	88	5476	---	Non Engraved
3	Concrete Blocks Footing (1:2:4)	13	2	2024	6x6x6	---	8.2	36	87	5413	---	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/

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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6871
Dr. M.Yousaf

To: CW Manager
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11 Islamabad.

Project: (Site ID: MOT-M1-U5)

Our Ref. No. CL/CED/ 4462 Dated: 18-03-24 Test Specification

Your Ref. No. Nil Dated: Nil (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 15-03-24 Tested on: 18-03-24 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	Raft, (1:1.5:3 & 1:4:8)	10	2	2024	6x6x6	---	8	36	95	5911	---	Non Engraved
2	Raft, (1:1.5:3 & 1:4:8)	10	2	2024	6x6x6	---	8	36	71	4418	---	Non Engraved
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
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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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Supervisor (Lab) Director/Dy. Director Concrete Laboratory

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ORIGINAL
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6871
Dr. M.Yousaf

To: CW Manager
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11 Islamabad.

Project: (Site ID: MOT-M1-U5)

Our Ref. No. CL/CED/ 4463 **Dated: 18-03-24** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 15-03-24 **Tested on:** 18-03-24 **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	Col. DG & Solar (1:1.5:3 & 1:4:8)	12	2	2024	6x6x6	---	8.6	36	105	6533	---	Non Engraved
2	Col. DG & Solar (1:1.5:3 & 1:4:8)	12	2	2024	6x6x6	---	8.2	36	75	4667	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 comprerssive 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.

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6871
Dr. M.Yousaf

To: CW Manager
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11 Islamabad.

Project: (Site ID: MOT-M1-U4)

Our Ref. No. CL/CED/ 4464 Dated: 18-03-24

Your Ref. No. Nil Dated: Nil

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 15-03-24 Tested on: 18-03-24 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	Raft, (1:1.5:3 & 1:4:8)	12	2	2024	6x6x6	---	8	36	65	4044	---	Non Engraved
2	Raft, (1:1.5:3 & 1:4:8)	12	2	2024	6x6x6	---	8	36	79	4916	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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)
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.

6871
Dr. M.Yousaf

To: CW Manager
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11 Islamabad.

Project: (Site ID: MOT-M1-U4)

Our Ref. No. CL/CED/ 4465 Dated: 18-03-24

Your Ref. No. Nil Dated: Nil

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 15-03-24 Tested on: 18-03-24 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	Col. DG & Solar (1:1.5:3 & 1:4:8)	13	2	2024	6x6x6	---	8	36	83	5164	---	Non Engraved
2	Col. DG & Solar (1:1.5:3 & 1:4:8)	13	2	2024	6x6x6	---	8	36	86	5351	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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 comprerssive 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.

6820
Dr. M. Yousaf

To: Mr. M. Usman Rauf
Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.

Project: Rehabilitation of Road Opposite Degree College Raiwind (Iqbal Zone) Lahore. (MCL Projects)

Our Ref. No. CL/CED/ 4466 Dated: 18-03-24

Your Ref. No. 4084/103/MUR/104/1781 Dated: 27-02-24

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-03-24 Tested on: 18-03-24 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-2	---	---	---	8.8 x 4.2 x 3	3655	3320	36.96	53	3212	10.09	---
2	R-2	---	---	---	8.9 x 4.4 x 3	3820	3375	39.16	44	2517	13.19	---
3	R-2	---	---	---	8.9 x 4.3 x 3	3705	3410	38.27	47	2751	8.65	---
4	R-2	---	---	---	8.9 x 4.3 x 2.9	3650	3273	38.27	44	2575	11.52	---
5	R-2	---	---	---	9 x 4.4 x 2.9	3695	3295	39.6	44	2489	12.14	---
6	R-2	---	---	---	8.9 x 4.2 x 3	3630	3260	37.38	44	2637	11.35	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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 comprerssive 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.

6803
Dr. M. Yousaf

To: Mr. M. Shabbir Asif, Sub Engineer (Civil)
Punjab Daanish Schools and Centres of Excellence Authority, Government of Punjab.

Project: Upgradation of Daanish Schools (Boys and Girls) at Hasilpur, (Constrution of Multipurpose Hall Balance Work Group 1-B) .

Our Ref. No. CL/CED/ 4467 Dated: 18-03-24 Test Specification

Your Ref. No. AM (E) /02/24/151 Dated: 10-02-24 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 04-03-24 Tested on: 18-03-24 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	Machine Made Double Line	---	---	---	8.8 x 4.3 x 2.9	3265	2795	37.84	38	2249	16.82	---
2	Machine Made Double Line	---	---	---	8.9 x 4.2 x 2.8	3205	2755	37.38	38	2277	16.33	---
3	Machine Made Double Line	---	---	---	8.8 x 4.3 x 2.9	3390	2850	37.84	30	1776	18.95	---
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**

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.

6799
Dr. M. Yousaf

To: Engr. Nouman Qamar
Resident Engineer, AZ Engineering Associates, Narowal.

Project: Widening / Improvement of Road from Sialkot Cantt to Jassar Garrison Length = 69.00 KM, in District, Narowal. (Site RD: 983+00 - 1081+00). (Contractor: M/S Asad Construction Pvt. Ltd.)

Our Ref. No. CL/CED/ 4468 Dated: 18-03-24

Your Ref. No. AZ/RE/SNR/86 Dated: 16-02-24

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-03-24 Tested on: 18-03-24 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	Machine Made Double line	---	---	---	8.7 x 4.3 x 2.8	3165	2730	37.41	38	2275	15.93	---
2	Machine Made Double line	---	---	---	8.4 x 4.3 x 2.7	2870	2350	36.12	18	1116	22.13	---
3	Machine Made Double line	---	---	---	8.7 x 4.3 x 2.8	3215	2660	37.41	30	1796	20.86	---
4	Machine Made Double line	---	---	---	8.3 x 4.2 x 2.7	2755	2285	34.86	30	1928	20.57	---
5	Machine Made Double line	---	---	---	8.5 x 4.1 x 2.5	2885	2440	34.85	30	1928	18.24	---
6	Machine Made Double line	---	---	---	8.8 x 4.3 x 2.8	3225	2680	37.84	36	2131	20.34	---
7	Machine Made Double line	---	---	---	8.8 x 4.3 x 2.7	3065	2495	37.84	20	1184	22.85	---
8	Machine Made Double line	---	---	---	8.8 x 4.3 x 2.8	3290	2800	37.84	28	1658	17.5	---
9	Machine Made Double line	---	---	---	8.7 x 4.3 x 2.8	3170	2675	37.41	54	3233	18.5	---
10	Machine Made Double line	---	---	---	8.5 x 4.2 x 2.6	2790	2315	35.7	25	1569	20.52	---
11	Machine Made Double line	---	---	---	8.8 x 4.3 x 2.7	3060	2520	37.84	34	2013	21.43	---
12	Machine Made Double line	---	---	---	8.8 x 4.3 x 2.8	3270	2750	37.84	52	3078	18.91	---
13	Machine Made Double line	---	---	---	8.8 x 4.3 x 2.6	2955	2555	37.84	25	1480	15.66	---
14	Machine Made Double line	---	---	---	8.8 x 4.3 x 2.7	2830	2315	37.84	20	1184	22.25	---
15	Machine Made Double line	---	---	---	8.7 x 4.2 x 2.8	3160	2645	36.54	32	1962	19.47	---
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

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