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.

9263
Dr. M. Yousaf

To: Mr. Manzoor Ahmad Joya
Resident Engineer, NESPAK (Pvt) Ltd

Project: Establishment of Labour Colony at Quaid-e-Azam Business Park, M2-Motorway, District Sheikhupura; Construction of Bachelors Hostel (Contract Package-A)

Our Ref. No. CL/CED/ 8146 Dated: 28/04/2025

Your Ref. No. 3844/311/RE/051 Dated: 01/02/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15/04/2025 Tested on: 28/04/2025 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	R01	5	1	2025	6Diax12	---	13.6	28.28	40	3168	---	Engraved
2	R01	5	1	2025	6Diax12	---	13.6	28.28	42	3327	---	Engraved
3	R01	5	1	2025	6Diax12	---	14	28.28	44	3485	---	Engraved
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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**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

9352
Dr. M. Yousaf

To: CW Manager
ARCON, Khudadad Heights, E-11, Islamabad.

Project: Site ID: NRO25-CA-722 (Tower Columns)

Our Ref. No. CL/CED/ 8147 **Dated: 28/04/2025** **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: 25/04/2025 Tested on: 28/04/2025 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	(1:1.5:3 & 1:4:8)	26	3	2025	6x6x6	---	8.6	36	109	6782	---	Non Engraved
2	(1:1.5:3 & 1:4:8)	26	3	2025	6x6x6	---	8	36	85	5289	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
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9352
Dr. M. Yousaf

To: CW Manager
ARCON, Khudadad Heights, E-11, Islamabad.

Project: Site ID: NRO25-CB-7 (Tower Columns, DG & ODU Pad Foundation)

Our Ref. No. CL/CED/ 8148 **Dated: 28/04/2025** **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: 25/04/2025 Tested on: 28/04/2025 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	(1:1.5:3 & 1:4:8)	27	3	2025	6x6x6	---	8	36	115	7156	---	Non Engraved
2	(1:1.5:3 & 1:4:8)	27	3	2025	6x6x6	---	8	36	110	6844	---	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
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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9340
Dr. M. Yousaf

To: Mr. Mohsin Farooq Khokhar
Acting Project Engineer (Civil), DHA Maintenance Branch, Lahore Cantt.

Project: Uplifting of Front Parking at Commercial Area Plaza MB # 136-151 Ph-V DHA Lahore.

Our Ref. No. CL/CED/ 8149 Dated: 28/04/2025 Test Specification

Your Ref. No. Lab/Kerb Stone/Maint Dated: 22/4/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 24/04/2025 Tested on: 28/04/2025 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, Grey	---	---	---	6 x 6 x 6	---	7.2	36	74	4604	---	Cut Cube
2	Kerb Stone, Grey	---	---	---	6 x 6 x 6	---	7.6	36	103	6409	---	Cut Cube
3	Kerb Stone, Grey	---	---	---	6 x 6 x 6	---	7.6	36	109	6782	---	Cut Cube
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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9337
Dr. M. Yousaf

To: Mr. Sohaib Awais
Resident Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Infrastructure Development at Chahar Bagh Phase-II

Our Ref. No. CL/CED/ 8150 Dated: 28/04/2025 Test Specification

Your Ref. No. 4841/13/SA/05/35 Dated: 22/04/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/04/2025 Tested on: 28/04/2025 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	RCC Drain Bed (Block-B)	22	3	2025	6Diax12	---	13	28.28	56	4436	---	Non Engraved
2	RCC Drain Bed (Block-B)	22	3	2025	6Diax12	---	13	28.28	52	4119	---	Non Engraved
3	RCC Drain Bed (Block-B)	22	3	2025	6Diax12	---	13.2	28.28	54	4277	---	Non Engraved
4	RCC Drain Wall (Block-C)	24	3	2025	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
5	RCC Drain Wall (Block-C)	24	3	2025	6Diax12	---	13.6	28.28	72	5703	---	Non Engraved
6	RCC Drain Wall (Block-C)	24	3	2025	6Diax12	---	13.6	28.28	52	4119	---	Non Engraved
7	RCC Drain Wall (Block-D)	25	3	2025	6Diax12	---	14	28.28	68	5386	---	Non Engraved
8	RCC Drain Wall (Block-D)	25	3	2025	6Diax12	---	14	28.28	62	4911	---	Non Engraved
9	RCC Drain Wall (Block-D)	25	3	2025	6Diax12	---	13.6	28.28	68	5386	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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9337
Dr. M. Yousaf

To: Mr. Sohaib Awais
Resident Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Infrastructure Development at Chahar Bagh Phase-II

Our Ref. No. CL/CED/ 8151 Dated: 28/04/2025 Test Specification

Your Ref. No. 4841/13/SA/05/31 Dated: 15/04/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/04/2025 Tested on: 28/04/2025 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	RCC Drain Bed (Block-D)	12	3	2025	6Diax12	---	14	28.28	62	4911	---	Non Engraved
2	RCC Drain Bed (Block-D)	12	3	2025	6Diax12	---	14	28.28	79	6257	---	Non Engraved
3	RCC Drain Bed (Block-D)	12	3	2025	6Diax12	---	14	28.28	78	6178	---	Non Engraved
4	RCC Drain Bed (Block-C)	18	3	2025	6Diax12	---	13	28.28	54	4277	---	Non Engraved
5	RCC Drain Bed (Block-C)	18	3	2025	6Diax12	---	13	28.28	48	3802	---	Non Engraved
6	RCC Drain Bed (Block-C)	18	3	2025	6Diax12	---	13	28.28	54	4277	---	Non Engraved
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)
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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.

9300
Dr. M. Yousaf

To: Resident Engineer
NESPAK (Pvt.) Ltd. Lahore.

Project: Construction of Platform along with Allied Services for TPS-77, MRR Radar at Kirana Top at PAF Base Mushaf.

Our Ref. No. CL/CED/ 8152 **Dated:** 28/04/2025 **Test Specification**

Your Ref. No. 4800/321/SS/01/19 **Dated:** 18/04/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 18/04/2025 **Tested on:** 28/04/2025 **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	Plate Form Grid 6-D Footing	17	3	2025	6Diax12	---	13.6	28.28	69	5465	---	Non Engraved
2	Plate Form Grid 6-D Footing	17	3	2025	6Diax12	---	15.2	28.28	105	8317	---	Non Engraved
3	Plate Form Grid 6-D Footing	17	3	2025	6Diax12	---	13.8	28.28	72	5703	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

9327
Dr. M. Yousaf

To: Mr. Muzaffar Ahmed
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component). (Construction of Grade 20)

Our Ref. No. CL/CED/ 8153 Dated: 28/04/2025 **Test Specification**

Your Ref. No. G3/UON-RE/705 Dated: 23/04/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23/04/2025 **Tested on:** 28/04/2025 **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	First Floor Roof Slab (3000 Psi)	3	2	2025	6Diax12	---	13.2	28.28	49	3881	---	Engraved
2	First Floor Roof Slab (3000 Psi)	3	2	2025	6Diax12	---	13.2	28.28	58	4594	---	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
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.

9327
Dr. M. Yousaf

To: Mr. Muzaffar Ahmed
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component). (Construction of Guest House)

Our Ref. No. CL/CED/ 8154 Dated: 28/04/2025 **Test Specification**

Your Ref. No. G3/UON-RE/704 Dated: 23/04/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23/04/2025 **Tested on:** 28/04/2025 **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	Mumty Roof Slab (3000 Psi)	1	2	2025	6Diax12	---	13	28.28	54	4277	---	Engraved
2	Mumty Roof Slab (3000 Psi)	1	2	2025	6Diax12	---	13	28.28	49	3881	---	Engraved
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15	---	---	---	---	---	---	---	---	---	---	---	---
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

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9328
Dr. M. Yousaf

To: Mr. Muzaffar Ahmed
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component). (Construction Male Faculty Hostel)

Our Ref. No. CL/CED/ 8155 Dated: 28/04/2025 **Test Specification**

Your Ref. No. G3/UON-RE/703 Dated: 23/04/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23/04/2025 **Tested on:** 28/04/2025 **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	Mumty Slab (3000 Psi)	13	2	2025	6Diax12	---	13	28.28	45	3564	---	Engraved
2	Mumty Slab (3000 Psi)	13	2	2025	6Diax12	---	13	28.28	49	3881	---	Engraved
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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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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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9328
Dr. M. Yousaf

To: Mr. Muzaffar Ahmed
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component). (Construction Male Faculty Hostel)

Our Ref. No. CL/CED/ 8156 Dated: 28/04/2025 **Test Specification**

Your Ref. No. G3/UON-RE/706 Dated: 23/04/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23/04/2025 **Tested on:** 28/04/2025 **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	Mumty Column (4000 Psi)	16	2	2025	6Diax12	---	13.4	28.28	82	6495	---	Engraved
2	Mumty Column (4000 Psi)	16	2	2025	6Diax12	---	13.2	28.28	36	2851	---	Engraved
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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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Dr. M. Yousaf

To: Mr. Muzaffar Ahmed
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component). (Construction of Guest House)

Our Ref. No. CL/CED/ 8157 Dated: 28/04/2025 **Test Specification**

Your Ref. No. G3/UON-RE/696 Dated: 23/04/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23/04/2025 **Tested on:** 28/04/2025 **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	Mumty Column (4000 Psi)	11	12	2024	6Diax12	---	15	28.28	66	5228	---	Engraved
2	Mumty Column (4000 Psi)	11	12	2024	6Diax12	---	14.6	28.28	66	5228	---	Engraved
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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**