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.

8152
Dr. M. Yousaf

To: Mr. Tahawar Owais
Project Manager, DSG Energy, Moving Towards A Greener Future

Project: Construction of Office Building at 29-M QIE.

Our Ref. No. CL/CED/ 6322 Dated: 04-11-24 **Test Specification**

Your Ref. No. Nil Dated: Nil (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04-11-24 Tested on: 04-11-24 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	---	27	10	2024	6Diax12	---	13.2	28.28	54	4277	---	Non Engraved
2	---	27	10	2024	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
3	---	27	10	2024	6Diax12	---	13.2	28.28	58	4594	---	Non Engraved
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 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
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ORIGINAL
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8146
Dr. M. Yousaf

To: Project Manager
Innovative Construction Company.

Project: Construction of Allied Bank Al Shareef Town, Sargodha.

Our Ref. No. CL/CED/ 6323 **Dated: 04-11-24** **Test Specification**

Your Ref. No. ICC/Test/ABL-SGD/023 **Dated: 01-11-24** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 01-11-24 **Tested on:** 04-11-24 **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	Fire Fighting OHWT Walls	16	9	2024	6Diax12	---	13.4	28.28	55	4356	---	Non Engraved
2	Fire Fighting OHWT Walls	16	9	2024	6Diax12	---	13.2	28.28	42	3327	---	Non Engraved
3	Fire Fighting OHWT Walls	16	9	2024	6Diax12	---	13	28.28	44	3485	---	Non Engraved
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**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

8120
Dr. M. Yousaf

To: Project Manager
Q-Links Property Management Pvt. Ltd.

Project: Construction of Gold Souq, Bahria Town, Lahore.

Our Ref. No. CL/CED/ 6324 **Dated: 04-11-24**

Your Ref. No. QLC-BO-BH2-2022-02-LTR-09-2024 **Dated: 29-10-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 30-10-24 **Tested on:** 04-11-24 **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	Retaining Wall, (4000 Psi)	30	9	2024	6Diax12	---	13	28.28	58	4594	---	Non Engraved
2	Retaining Wall, (4000 Psi)	30	9	2024	6Diax12	---	13.2	28.28	75	5941	---	Non Engraved
3	Column(Grid B/4-5) (5000 Psi)	30	9	2024	6Diax12	---	12.4	28.28	72	5703	---	Non Engraved
4	Raft Fnd (Grid-B-5-6) (4000 Psi)	19	10	2024	6Diax12	---	12.8	28.28	45	3564	---	Non Engraved
5	Raft Fnd (Grid-B-5-6) (4000 Psi)	19	10	2024	6Diax12	---	13	28.28	64	5069	---	Non Engraved
6		---	---	---	---	---	---	---	---	---	---	---
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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.

8133
Dr. M.Yousaf

To: For S & S Associates
Johar Town, Lahore.

Project: New Cafeteria Construction (PEB Shed) at Designtex in STML-8 Building.

Our Ref. No. CL/CED/ 6325 **Dated:** 04-11-24

Your Ref. No. STML/PBS/046 **Dated:** 31-10-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31-10-24 **Tested on:** 04-11-24 **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	C-30, Column	20	10	2024	6x6x6	---	8.4	36	78	4853	---	Non Engraved
2	C-30, Column	20	10	2024	6x6x6	---	8.2	36	64	3982	---	Non 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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ORIGINAL
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8133
Dr. M.Yousaf

To: For S & S Associates
Johar Town, Lahore.

Project:New Cafeteria Construction (PEB Shed) at Designtex in STML-8 Building

Our Ref. No. CL/CED/ 6326 **Dated: 04-11-24**

Your Ref. No. STML/PBS/048 **Dated: 31-10-24**

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31-10-24 **Tested on:** 04-11-24 **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	C-30, Column	19	10	2024	6x6x6	---	8.6	36	42	2613	---	Non Engraved
2	C-30, Column	19	10	2024	6x6x6	---	9	36	40	2489	---	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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8133
Dr. M.Yousaf

To: For S & S Associates
Johar Town, Lahore.

Project: Civil Work for the Shifting of Dyeing Area and Installation of ETP at Designtex in STML-8 Building.

Our Ref. No. CL/CED/ 6327 Dated: 04-11-24

Your Ref. No. STML/PBS/047 Dated: 31-10-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31-10-24 Tested on: 04-11-24 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	C-20, Plinth Beam	1	10	2024	6x6x6	---	8	36	62	3858	---	Non Engraved
2	C-20, Plinth Beam	1	10	2024	6x6x6	---	7.8	36	61	3796	---	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
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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)
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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8131
Dr. M.Yousaf

To: Mr. Muhammad Imran Khan
Material Engineer ECSP, MPA Hostel, Phase-II

Project: Construction of MPA's Hostel Lahore, Phase-II. (Group No.2)

Our Ref. No. CL/CED/ 6328 Dated: 04-11-24

Your Ref. No. 340/ECSP/MPA/ME/94 Dated: 18-09-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31-10-24 Tested on: 04-11-24 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	Upper Basement, Retaining wall	20	8	2024	6x6x6	---	9	36	79	4916	---	Non Engraved
2	Upper Basement, Retaining wall	20	8	2024	6x6x6	---	8.6	36	106	6596	---	Non Engraved
3	Upper Basement, Retaining wall	20	8	2024	6x6x6	---	9	36	67	4169	---	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
A carbon copy for the report has been retained in the lab for record.

8138
Dr. M.Yousaf

To: Mr. Arfan Nazir
Manager Civil, NISHAT MILLS LIMITED

Project: Construction of Corduroy Building & ETP Modification, 22 Km off Ferozepur Road, 5-km Nishat Avenue Lahore.

Our Ref. No. CL/CED/ 6329 Dated: 04-11-24 **Test Specification**

Your Ref. No. NDF/CB/003 Dated: 30-10-24 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31-10-24 **Tested on:** 04-11-24 **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	C-30,Columns 4/A'	24	10	2024	6x6x6	---	9	36	64	3982	---	Non Engraved
2	C-30,Columns 4/A'	24	10	2024	6x6x6	---	8.4	36	72	4480	---	Non Engraved
3	C-30,Columns 4/A'	24	10	2024	6x6x6	---	8.4	36	66	4107	---	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**

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.

8138
Dr. M.Yousaf

To: Mr. Arfan Nazir
Manager Civil, NISHAT MILLS LIMITED

Project: Construction of Corduroy Building & ETP Modification, 22 Km off Ferozepur Road, 5-km Nishat Avenue Lahore. (Sedimentation Tank Slab (+7.750))

Our Ref. No. CL/CED/ 6330 Dated: 04-11-24

Your Ref. No. NDF/CB/004 Dated: 30-10-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31-10-24 Tested on: 04-11-24 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	C-20	23	10	2024	6x6x6	---	9	36	60	3733	---	Non Engraved
2	C-20	23	10	2024	6x6x6	---	8	36	61	3796	---	Non Engraved
3	C-20	23	10	2024	6x6x6	---	8.4	36	54	3360	---	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**

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.

8132
Dr. M.Yousaf

To: Sub Divisional Officer
Highway Sub Division No.II, Gujranwala.

Project: Special Repair of RCC Retaining Wall at Shamsi Chowk Under Pass L = 170 Rft in Tehsil & District Gujranwala.

Our Ref. No. CL/CED/ 6330 Dated: 04-11-24

Your Ref. No. No.107/G-II Dated: 19-10-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31-10-24 **Tested on:** 04-11-24 **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	(1:1.5:3)	19	9	2024	6x6x6	---	8	36	79	4916	---	Non Engraved
2	(1:1.5:3)	19	9	2024	6x6x6	---	8.4	36	66	4107	---	Non Engraved
3	(1:1.5:3)	19	9	2024	6x6x6	---	8.6	36	90	5600	---	Non Engraved
4	(1:1.5:3)	19	9	2024	6x6x6	---	8.4	36	107	6658	---	Non Engraved
5	(1:1.5:3)	19	9	2024	6x6x6	---	9	36	80	4978	---	Non Engraved
6	---	---	---	---	---	---	---	---	---	---	---	---
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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.

8135
Dr. M.Yousaf

To: CM ENGINEERING (PVT) LTD
Quaid-e-Azam Town College Road, Lahore.

Project: TAWAL Project Site ID: TWPJLM0003. (Structure: Solar Raft + Solar Columns)

Our Ref. No. CL/CED/ 6332 **Dated: 04-11-24** **Test Specification**

Your Ref. No. CME/Cubes/TAWAL/2109 **Dated: 17-10-24** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31-10-24 Tested on: 04-11-24 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	(1:1.5:3)	10	10	2024	6x6x6	---	8.2	36	40	2489	---	Non Engraved
2	(1:1.5:3)	10	10	2024	6x6x6	---	8.4	36	50	3111	---	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.

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.

8135
Dr. M.Yousaf

To: CM ENGINEERING (PVT) LTD
Quaid-e-Azam Town College Road, Lahore.

Project: TAWAL Project Site ID: TWPJLM0002. (Structure: Tower Columns/Solar Columns)

Our Ref. No. CL/CED/ 6333 **Dated: 04-11-24**

Your Ref. No. CME/Cubes/TAWAL/2108 **Dated: 22-10-24**

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31-10-24 Tested on: 04-11-24 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	(1:1.5:3)	15	10	2024	6x6x6	---	8	36	57	3547	---	Non Engraved
2	(1:1.5:3)	15	10	2024	6x6x6	---	8	36	63	3920	---	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 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.

8135
Dr. M.Yousaf

To: CM ENGINEERING (PVT) LTD
Quaid-e-Azam Town College Road, Lahore.

Project: TAWAL Project Site ID: TWPJLM0003. (Structure: ODU PAD)

Our Ref. No. CL/CED/ 6334 **Dated: 04-11-24**

Your Ref. No. CME/Cubes/TAWAL/2110 **Dated: 22-10-24**

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31-10-24 Tested on: 04-11-24 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	(1:1.5:3)	15	10	2024	6x6x6	---	8	36	36	2240	---	Non Engraved
2	(1:1.5:3)	15	10	2024	6x6x6	---	8	36	54	3360	---	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.

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.

7997
Dr. M. Yousaf

To: Executive Engineer
Highway Division, Narowal

Project: Restoration / Improvement of Badiana Chawinda - Zafarwal Road "District Narowal Portion" Length = 3.50 Km (Taken Length = 2.53 Km) in District Narowal)

Our Ref. No. CL/CED/ 6335 Dated: 04-11-24 **Test Specification**

Your Ref. No. No.1602 Dated: 03-10-24 (BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 11-10-24 Tested on: 04-11-24 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	---	---	---	8.5 x 4 x 2.7	3030	2560	34	33	2174	18.36	---
2	Machine Made Double Line	---	---	---	8.4 x 4 x 2.6	3040	2635	33.6	46	3067	15.37	---
3	Machine Made Double Line	---	---	---	8.6 x 3.9 x 2.6	3085	2675	33.54	40	2671	15.33	---
4	Machine Made Double Line	---	---	---	8.5 x 3.9 x 2.7	3160	2650	33.15	20	1351	19.25	---
5	Machine Made Double Line	---	---	---	8.3 x 4.2 x 2.7	3215	2710	34.86	20	1285	18.63	---
6	Machine Made Double Line	---	---	---	8.4 x 4 x 2.5	2940	2530	33.6	40	2667	16.21	---
7	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.7	3300	2755	36.54	27	1655	19.78	---
8	Machine Made Double Line	---	---	---	8.4 x 4.1 x 2.6	3090	2545	34.44	18	1171	21.41	---
9	Machine Made Double Line	---	---	---	8.4 x 4.2 x 2.7	3170	2635	35.28	17	1079	20.3	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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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.

8067
Dr. M. Yousaf

To: Mr. Muhammad Hassan Khan
Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.

Project: PCC / Drainage Scheme / Sewerage Scheme UC No. 193 Bhangali, Lahore.

Our Ref. No. CL/CED/ 6336 Dated: 04-11-24

Your Ref. No. 3772/103/MHK/ADP/Bhangali/14 Dated: 16-10-24

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 23-10-24 Tested on: 04-11-24 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	M95	---	---	---	8.5 x 4.1 x 2.7	3120	2775	34.85	30	1928	12.43	---
2	M95	---	---	---	8.5 x 4.1 x 2.8	3225	2860	34.85	8	514	12.76	---
3	M95	---	---	---	8.7 x 4.2 x 2.8	3515	2160	36.54	30	1839	62.73	---
4	M95	---	---	---	8.8 x 4.2 x 2.9	3695	3350	36.96	33	2000	10.3	---
5	M95	---	---	---	8.5 x 4 x 2.8	3325	2950	34	40	2635	12.71	---
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 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.

8098
Dr. M. Yousaf

To: Hafiz Inam Ullah Ch
Project Manager & Engineer In Charge, AenZay Interiors & Architects

Project: Total Parco Filling Station Located on Abdul Sattar Edhi Road, Lahore.

Our Ref. No. CL/CED/ 6337 Dated: 04-11-24

Your Ref. No. Nil Dated: 25-10-24

Test Specification
(----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 28-10-24 Tested on: 04-11-24 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	ABC	---	---	---	8.8 x 4.1 x 2.8	3770	3230	36.08	43	2670	16.72	---
2	ABC	---	---	---	8.8 x 4.3 x 3	3810	3260	37.84	22	1302	16.87	---
3	ABC	---	---	---	8.8 x 4 x 3	3795	3425	35.2	40	2545	10.8	---
4	ABC	---	---	---	8.9 x 4.3 x 3	3760	3300	38.27	22	1288	13.94	---
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/

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