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.

4146
Dr. Umbreen

To: Resident Engineer (Civil)
Mascon Associates (PVT) Ltd. (In Association with HA Consulting)

Project: Establishment of Model Bazaar Head Office Building

Our Ref. No. CL/CED/ 231 **Dated:** 31/10/2022

Your Ref. No. MAC-HAC/22/PMBMC/LT/024 **Dated:** 24/10/2022

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 27/10/2022 **Tested on:** 31/10/2022 **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	Basement Upper Slab (3000 Psi)	25	9	2022	6Diax12	---	13.4	28.28	67	5307	---	Non Engraved
2	Basement Upper Slab (3000 Psi)	25	9	2022	6Diax12	---	13.4	28.28	57	4515	---	Non Engraved
3	Basement Upper Slab (3000 Psi)	25	9	2022	6Diax12	---	13.2	28.28	45	3564	---	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 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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4157
Dr. Umbreen

To: **Sub Divisional Officer**
Buildings Sub Division No-III, GRO-II, Lahore.

Project: Construction of Multistory Flats / Suits for Officers of P&D and S&GAD in GOR-II, Lahore.

Our Ref. No. CL/CED/ 226 **Dated: 31/10/2022** **Test Specification**

Your Ref. No. No. 1463 **Dated: 26/10/2022** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 28/10/2022 Tested on: 31/10/2022 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	---	3345	30.42	59	4345	---	---
2	Rectangular Grey 80mm	---	---	---	7.8 x 3.9 x 3	---	3615	30.42	88	6480	---	---
3	Rectangular Grey 80mm	---	---	---	7.8 x 3.9 x 3	---	3425	30.42	61	4492	---	---
4	Rectangular Grey 80mm	---	---	---	7.8 x 3.9 x 3	---	3400	30.42	63	4639	---	---
5	Rectangular Grey 80mm	---	---	---	7.8 x 3.9 x 3	---	3330	30.42	75	5523	---	---
6	Rectangular Grey 80mm	---	---	---	7.8 x 3.9 x 3	---	3515	30.42	69	5081	---	---
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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)
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ORIGINAL
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4155
Dr. Umbreen

To: Sub Divisional Officer
Buildings Sub Division No.20, Lahore.

Project: Construction of Multi-Purpose Complex at Civic Centre Jubilee Town, Lahore (ADP No. 1411 for the year 2022-23)

Our Ref. No. CL/CED/ 227 **Dated: 31/10/2022** **Test Specification**

Your Ref. No. 421/20th **Dated: 13/10/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 28/10/2022 Tested on: 31/10/2022 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	OHWT (1:2:4)	16	9	2022	6x6x6	---	8.4	36	71	4418	---	Non Engraved
2	OHWT (1:2:4)	16	9	2022	6x6x6	---	8.2	36	96	5973	---	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 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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4155
Dr. Umbreen

To: Sub Divisional Officer
Buildings Sub Division No.20, Lahore.

Project: Construction of Multi-Purpose Complex at Civic Centre Jubilee Town, Lahore (ADP No. 1411 for the year 2022-23)

Our Ref. No. CL/CED/ 228 **Dated: 31/10/2022** **Test Specification**

Your Ref. No. 420/20th **Dated: 13/10/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 28/10/2022 **Tested on:** 31/10/2022 **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 (1:2:4)	16	9	2022	6x6x6	---	8.2	36	98	6098	---	Non Engraved
2	Mumty (1:2:4)	16	9	2022	6x6x6	---	8.2	36	104	6471	---	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 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)
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ORIGINAL
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4159
Dr. Umbreen

To: **Prof. Engr. Dr. Abdullah Yasar, Campus Engineer**
GC University, Lahore. Engineering Cell

Project: Construction of New Girls Hostel at GCU Lahore Main Campus.

Our Ref. No. CL/CED/ 229 **Dated: 31/10/2022** **Test Specification**

Your Ref. No. GCU/Engr/2099/P **Dated: 26/10/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 28/10/2022 Tested on: 31/10/2022 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	(1:2:4)	29	9	2022	6x6x6	---	8.8	36	80	4978	---	Engraved
2	(1:2:4)	29	9	2022	6x6x6	---	8.6	36	81	5040	---	Engraved
3	(1:2:4)	29	9	2022	6x6x6	---	8.4	36	77	4791	---	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
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ORIGINAL
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4148
Dr. Umbreen

To: **Engr. Salman Rauf, CEO.**
Overseas Construction Co. (Pvt.) Ltd. 5-K, Main Boulevard Gulberg-II, Lahore.

Project: Construction of Gulberg City Centre

Our Ref. No. CL/CED/ 230 **Dated: 31/10/2022**

Your Ref. No. OCC/UET/11 **Dated: 26/10/2022**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 27/10/2022 Tested on: 31/10/2022 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	---	25	9	2022	6Diax12	---	14	28.28	57	4515	---	Non Engraved
2	---	25	9	2022	6Diax12	---	14	28.28	47	3723	---	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/

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

4113
Dr. Umbreen

To: Sub Divisional Officer
Building Sub Division, Shahkot.

Project: Construction of District Jail District Nankana Sahib. (NRP) (ADP No. 3700 for the year 2022-2023)

Our Ref. No. CL/CED/ 225 **Dated: 31/10/2022** **Test Specification**

Your Ref. No. 3020/SDO/BSD/SKT **Dated: 19/10/2022** **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 20/10/2022 Tested on: 31/10/2022 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 II	---	---	---	8.7 x 4 x 2.9	---	2845	34.8	43	2768	---	---
2	Machine Made II	---	---	---	8.6 x 4.1 x 2.9	---	2960	35.26	49	3113	---	---
3	Machine Made II	---	---	---	8.7 x 4 x 2.8	---	2810	34.8	45	2897	---	---
4	Machine Made II	---	---	---	8.8 x 4.1 x 2.8	---	2780	36.08	47	2918	---	---
5	Machine Made II	---	---	---	8.6 x 4 x 2.8	---	2615	34.4	35	2279	---	---
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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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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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