



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.

3742
 Dr. Umbreen

To: Paver Deptt.
 For Banu Mukhtar.

Project: Terra Structure - Bajaur Project

Our Ref. No. CL/CED/ 9623

Dated: 22/08/2022

Test Specification

Your Ref. No. BM/UET/376

Dated: 19/08/2022

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 19/8/2022 Tested on: 22/08/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*				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
		DD	MM	YYYY									
1	Tansar Block	---	---	---	5.8x5.9x6.0	---	7.4	34.22	71	4648	---	Cut Cube	
2	Tansar Block	---	---	---	6.0x5.9x6.0	---	7.6	35.4	71	4493	---	Cut Cube	
3	Tansar Block	---	---	---	5.9x5.8x6.0	---	8	34.22	77	5040	---	Cut Cube	
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



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Civil Engineering Department
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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3745
 Dr. Umbreen

To: Sub Divisional Officer (Buildings)
 Sub Division Ferozewala

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21)
 Phase-II Group No. 1
 Our Ref. No. CL/CED/ 9624

Dated: 22/8/2022

Test Specification

Your Ref. No. 2000 A/F

Dated: 16/3/2022

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	BW Plinth Beam (1:2:4)	17	2	2022	6x6x6	---	8.2	36	81	5040	---	Non Engraved
2	BW Plinth Beam (1:2:4)	17	2	2022	6x6x6	---	8.6	36	102	6347	---	Non Engraved
3	BW Plinth Beam (1:2:4)	17	2	2022	6x6x6	---	8	36	53	3298	---	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/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- 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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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 Dr. Umbreen

To: Sub Divisional Officer (Buildings)
 Sub Division Ferozewala

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21)
Phase-II Group No. 1
Our Ref. No. CL/CED/ 9625
Your Ref. No. 2002 A/F

Dated: 22/8/2022
Dated: 22/4/2022

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 19/8/2022 **Tested on:** 22/8/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	BW Col. GF (1:1.5:3)	25	3	2022	6x6x6	---	8.2	36	73	4542	---	Non Engraved
2	BW Col. GF (1:1.5:3)	25	3	2022	6x6x6	---	8	36	75	4667	---	Non Engraved
3	BW Col. GF (1:1.5:3)	25	3	2022	6x6x6	---	8.2	36	69	4293	---	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/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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 Dr. Umbreen

To: Sub Divisional Officer (Buildings)
 Sub Division Ferozewala

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21)
 Phase-II Group No. 1
 Our Ref. No. CL/CED/ 9626
 Your Ref. No. 2003 A/F

Dated: 22/8/2022
 Dated: 21/5/2022

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	Squash Court Col to Plinth(1:1.5:3)	23	4	2022	6x6x6	---	8.6	36	106	6596	---	Non Engraved
2	Squash Court Col to Plinth(1:1.5:3)	23	4	2022	6x6x6	---	8.2	36	83	5164	---	Non Engraved
3	Squash Court Col to Plinth(1:1.5:3)	23	4	2022	6x6x6	---	8.4	36	81	5040	---	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/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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To: Sub Divisional Officer (Buildings)
 Sub Division Ferozewala

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21)
 Phase-II Group No. 1
 Our Ref. No. CL/CED/ 9627
 Your Ref. No. 2006 A/F

Dated: 22/8/2022
 Dated: 01/07/2022

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Ware House Col to Plinth(1:1.5:3)	2	6	2022	6x6x6	---	8	36	73	4542	---	Non Engraved
2	Ware House Col to Plinth(1:1.5:3)	2	6	2022	6x6x6	---	8	36	55	3422	---	Non Engraved
3	Ware House Col to Plinth(1:1.5:3)	2	6	2022	6x6x6	---	7.8	36	63	3920	---	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/>

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To: Sub Divisional Officer (Buildings)
 Sub Division Ferozewala

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21)
 Phase-II Group No. 1
 Our Ref. No. CL/CED/ 9628

Dated: 22/8/2022

Test Specification

Your Ref. No. 2001 A/F

Dated: 11/04/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Squash Court Footing(1:2:4)	10	3	2022	6x6x6	---	8.2	36	110	6844	---	Non Engraved
2	Squash Court Footing(1:2:4)	10	3	2022	6x6x6	---	8.2	36	65	4044	---	Non Engraved
3	Squash Court Footing(1:2:4)	10	3	2022	6x6x6	---	8.2	36	61	3796	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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 Dr. Umbreen

To: Sub Divisional Officer (Buildings)
 Sub Division Ferozewala

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21)
 Phase-II Group No. 1
 Our Ref. No. CL/CED/ 9629

Dated: 22/8/2022

Test Specification

Your Ref. No. 2004 A/F

Dated: 01/06/2022

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Ware House Footing(1:2:4)	3	5	2022	6x6x6	---	8	36	67	4169	---	Non Engraved
2	Ware House Footing(1:2:4)	3	5	2022	6x6x6	---	8.2	36	96	5973	---	Non Engraved
3	Ware House Footing(1:2:4)	3	5	2022	6x6x6	---	8.4	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/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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 Dr. Umbreen

To: Sub Divisional Officer (Buildings)
 Sub Division Ferozewala

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21)
 Phase-II Group No. 1
 Our Ref. No. CL/CED/ 9630
 Your Ref. No. 2005 A/F

Dated: 22/8/2022
 Dated: 23/6/2022

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Squash Court PB (1:2:4)	24	5	2022	6x6x6	---	8.4	36	96	5973	---	Non Engraved
2	Squash Court PB (1:2:4)	24	5	2022	6x6x6	---	8.2	36	73	4542	---	Non Engraved
3	Squash Court PB (1:2:4)	24	5	2022	6x6x6	---	8.2	36	73	4542	---	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/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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.

3745
 Dr. Umbreen

To: Sub Divisional Officer (Buildings)
 Sub Division Ferozewala

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21)
Phase-II Group No. 1
Our Ref. No. CL/CED/ 9631
Your Ref. No. 2007 A/F

Dated: 22/8/2022
Dated: 18/7/2022

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **19/8/2022** Tested on: **22/8/2022** in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Squash Court Col GF(1:1.5:3)	20	6	2022	6x6x6	---	8.6	36	120	7467	---	Non Engraved
2	Squash Court Col GF(1:1.5:3)	20	6	2022	6x6x6	---	7.8	36	51	3173	---	Non Engraved
3	Squash Court Col GF(1:1.5:3)	20	6	2022	6x6x6	---	8.4	36	83	5164	---	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/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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.

3745
 Dr. Umbreen

To: Sub Divisional Officer (Buildings)
 Sub Division Ferozewala

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21)
 Phase-II Group No. 1
 Our Ref. No. CL/CED/ 9632
 Your Ref. No. 2008 A/F

Dated: 22/8/2022
 Dated: 20/7/2022

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Ware House P. Beam(1:2:4)	23	6	2022	6x6x6	---	8.2	36	53	3298	---	Non Engraved
2	Ware House P. Beam(1:2:4)	23	6	2022	6x6x6	---	8.2	36	88	5476	---	Non Engraved
3	Ware House P. Beam(1:2:4)	23	6	2022	6x6x6	---	8.2	36	67	4169	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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.

3744
 Dr. Umbreen

To: Executive Engineer (B&W)
 University of Veterinary & Animal Sciences, Lahore (M/S, M. Ashraf & Sons)
Project: Provision of Urgently Needed Male Hostel, Facilities at University of Veterinary and Animal Sciences at Ravi Campus, Pattoki.
 Our Ref. No. CL/CED/ 9633
 Your Ref. No. E.E.760

Dated: 22/8/2022 **Test Specification**
 Dated: 10/08/2022 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **19/8/2022** Tested on: **22/8/2022** in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	1st Floor (1:2:4)	8	7	2022	6x6x6	---	8.2	36	41	2551	---	Engraved
2	1st Floor (1:2:4)	8	7	2022	6x6x6	---	8.4	36	43	2676	---	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/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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.

3744
 Dr. Umbreen

To: Executive Engineer (B&W)
 University of Veterinary & Animal Sciences, Lahore (M/S, M. Ashraf & Sons)
Project: Provision of Urgently Needed Male Hostel, Facilities at University of Veterinary and Animal Sciences at Ravi Campus, Pattoki
 Our Ref. No. CL/CED/ 9634
 Your Ref. No. E.E.748

Dated: 22/8/2022
 Dated: 06/07/2022

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Ground Floor (1:2:4)	29	5	2022	6x6x6	---	8.4	36	47	2924	---	Engraved
2	Ground Floor (1:2:4)	29	5	2022	6x6x6	---	8.4	36	57	3547	---	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/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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.

3746
 Dr. Umbreen

To: Sub Divisional Officer
 Building Sub Division, Hafizabad

Project: Upgradation of D.H.Q. Hospital Hafizabad (Group No. 1) Construction of Main Hospital Block No. 1
 I/C Covered passage between Block No. 1 & Block No.2

Our Ref. No. CL/CED/ 9635

Dated: 22/8/2022

Test Specification

Your Ref. No. 1420/HZ

Dated: 15/7/2022

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 19/8/2022 **Tested on:** 22/8/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	RCC Footing Beam(1:2:4)	22	6	2022	6x6x6	---	8	36	77	4791	---	Non Engraved
2	RCC Footing Beam(1:2:4)	22	6	2022	6x6x6	---	8	36	71	4418	---	Non Engraved
3	RCC Footing Beam(1:2:4)	22	6	2022	6x6x6	---	8	36	83	5164	---	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/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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.

3746
 Dr. Umbreen

To: Sub Divisional Officer
 Building Sub Division, Hafizabad

Project: Upgradation of D.H.Q. Hospital Hafizabad (Group No. 1) Construction of Main Hospital Block No. 1
 I/C Covered passage between Block No. 1 & Block No.2

Our Ref. No. CL/CED/ 9636

Dated: 22/8/2022

Test Specification

Your Ref. No. 1421/HZ

Dated: 15/7/2022

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 19/8/2022 **Tested on:** 22/8/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	RCC Column (1:1.5:3)	22	6	2022	6x6x6	---	8.2	36	77	4791	---	Non Engraved
2	RCC Column (1:1.5:3)	22	6	2022	6x6x6	---	8.2	36	81	5040	---	Non Engraved
3	RCC Column (1:1.5:3)	22	6	2022	6x6x6	---	8.2	36	86	5351	---	Non Engraved
4	RCC Column (1:1.5:3)	22	6	2022	6x6x6	---	8.2	36	79	4916	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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- **** 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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
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 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.

3741
 Dr. Umbreen

To: Mr. Nabeel Abbas Habib, CEO
 Habib Platinum Developers (Pvt) Ltd.

Project: Development of Gulshan-e-Habib Housing Society, Lahore

Our Ref. No. CL/CED/ 9637

Dated: 22/8/2022

Test Specification

Your Ref. No. GHHS/08-2022/0016

Dated: 17/8/2022

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 18/8/2022 Tested on: 22/8/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Edge Stone	---	---	---	4x4x4	---	3265	16	25	3500	---	Cut Cube
2	Edge Stone	---	---	---	4x4x4	---	3290	16	41	5740	---	Cut Cube
3	Edge Stone	---	---	---	4x4x4	---	3305	16	29	4060	---	Cut Cube
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



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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.

3685
 Dr. Umbreen

To: Eng. Muhammad Iqbal, Proprietor
 For AR-Rafay Builders, Kutchery Road, Opp. Highway Office Judges Colony, Sailkot

Project: Nil

Our Ref. No. CL/CED/ 9638

Dated: 22/8/2022

Test Specification

Your Ref. No. Ar-Rafay Builders Lawyer /2022/03

Dated: 04/04/2022

(---)

COMPRESSION TEST REPORT

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

Specimens received on: 05/08/2022 **Tested on:** 22/08/2022 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	G*S	---	---	---	8.3 x 4 x 2.1	2895	2580	33.2	37	2496	12.21	---
2	G*S	---	---	---	8.3 x 4 x 2.6	2960	2640	33.2	35	2361	12.12	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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.

3557
 Dr. Umbreen

To: Mr. Shahzad Muneer, Team Leader
 G3 Engineering Consultants (Pvt) Ltd. 57-M, Gulberg-III, Lahore.

Project: Completion of Schemes under Community Development Programme in Sahiwal Division (GS No. 7126) UC No. 62 (6/1AL)

Our Ref. No. CL/CED/ 9639

Dated: 22/8/2022

Test Specification

Your Ref. No. G3/0265/TPV/10

Dated: 06/07/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 07/07/2022 **Tested on:** 22/08/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	AA	---	---	---	8.8 x 4.3 x 2.8	3255	2860	37.84	37	2190	13.81	Used Sample
2	AA	---	---	---	8.8 x 4.3 x 2.7	3230	2845	37.84	39	2309	13.53	Used Sample
3	AA	---	---	---	8.8 x 4.3 x 2.8	3505	3145	37.84	43	2545	11.45	Used Sample
4	AA	---	---	---	9 x 4.3 x 2.7	3195	2775	38.7	23	1331	15.14	Used Sample
5	AA	---	---	---	8.6 x 4.3 x 2.7	3330	3000	36.98	43	2605	11	Used Sample
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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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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3557
 Dr. Umbreen

To: Mr. Shahzad Muneer, Team Leader
 G3 Engineering Consultants (Pvt) Ltd. 57-M, Gulberg-III, Lahore

Project: Completion of Schemes under Community Development Programme in Sahiwal Division (GS No. 7126) UC No. 63 Larianwala
 Our Ref. No. CL/CED/ 9640

Dated: 22/8/2022

Test Specification

Your Ref. No. G3/0265/TPV/9

Dated: 06/07/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 07/07/2022 Tested on: 22/08/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	M	---	---	---	8.5 x 4.2 x 2.8	3305	3030	35.7	41	2573	9.08	Used Sample
2	M	---	---	---	8.6 x 4.2 x 2.9	3680	3280	36.12	39	2419	12.2	Used Sample
3	M	---	---	---	8.4 x 4.1 x 2.9	3280	2975	34.44	31	2016	10.25	Used Sample
4	M	---	---	---	8.8 x 4.4 x 2.9	3630	3205	38.72	35	2025	13.26	Used Sample
5	M	---	---	---	8.8 x 4.2 x 2.8	3480	3140	36.96	45	2727	10.83	Used Sample
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- 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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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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3557
 Dr. Umbreen

To: Mr. Shahzad Muneer, Team Leader
 G3 Engineering Consultants (Pvt) Ltd. 57-M, Gulberg-III, Lahore

Project: Completion of Schemes under Community Development Programme in Sahiwal Division (GS No. 7126) UC No. 60 Akhtrabad
 Our Ref. No. CL/CED/ 9641

Dated: 22/8/2022

Test Specification

Your Ref. No. G3/0265/TPV/11

Dated: 06/07/2022

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COMPRESSION TEST REPORT



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

Specimens received on: 07/07/2022 Tested on: 22/08/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	PIA	---	---	---	8.8 x 4.2 x 2.8	3280	2890	36.96	35	2121	13.49	Used Sample
2	PIA	---	---	---	8.5 x 4 x 2.8	3040	2765	34	43	2833	9.95	Used Sample
3	PIA	---	---	---	8.7 x 4.2 x 2.9	3450	3035	36.54	41	2513	13.67	Used Sample
4	PIA	---	---	---	8.6 x 4.2 x 2.8	3260	2805	36.12	25	1550	16.22	Used Sample
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** 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

- 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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Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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3557
 Dr. Umbreen

To: Mr. Shahzad Muneer, Team Leader
 G3 Engineering Consultants (Pvt) Ltd. 57-M, Gulberg-III, Lahore

Project: Completion of Schemes under Community Development Programme in Sahiwal Division (GS No. 7126) UC No. 64 Rajowala Tehsil Renala
 Our Ref. No. CL/CED/ 9642

Dated: 22/8/2022

Test Specification

Your Ref. No. G3/0265/TPV/8

Dated: 06/07/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **07/07/2022** Tested on: **22/08/2022** in dry/wet condition

Sr. No.	Mark*	Casting Date*				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
		DD	MM	YYYY									
1	AA	---	---	---	8.8 x 4.3 x 2.9	3415	2965	37.84	37	2190	15.18	Used Sample	
2	AA	---	---	---	8.7 x 4.2 x 2.7	3245	2840	36.54	41	2513	14.26	Used Sample	
3	AA	---	---	---	8.8 x 4.2 x 2.8	3295	2890	36.96	39	2364	14.01	Used Sample	
4	AA	---	---	---	9 x 4.2 x 3	3390	2985	37.8	23	1363	13.57	Used Sample	
5	AA	---	---	---	8.7 x 4.3 x 2.8	3310	2905	37.41	35	2096	13.94	Used Sample	
6	---	---	---	---	---	---	---	---	---	---	---	---	
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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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Director/Dy. Director Concrete Laboratory



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 University of Engineering and Technology, Lahore, Pakistan
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 Dr. Umbreen

To: Mr. Shahzad Muneer, Team Leader
 G3 Engineering Consultants (Pvt) Ltd. 57-M, Gulberg-III, Lahore

Project: Completion of Schemes under Community Development Programme in Sahiwal Division (GS No. 7126) Gojran 10/1AL, Chotta 4/1AL, 5/AL

Our Ref. No. CL/CED/ 9643

Dated: 22/8/2022

Test Specification

Your Ref. No. G3/0265/TPV/7

Dated: 06/07/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **07/07/2022** Tested on: **22/08/2022** in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	007	---	---	---	9 x 4.3 x 3	3580	3060	38.7	27	1563	16.99	Used Sample
2	007	---	---	---	8.8 x 4.3 x 2.9	3345	2870	37.84	23	1362	16.55	Used Sample
3	007	---	---	---	8.7 x 4.2 x 2.8	3450	3020	36.54	39	2391	14.24	Used Sample
4	007	---	---	---	8.7 x 4.2 x 2.9	3315	2865	36.54	33	2023	15.71	Used Sample
5	007	---	---	---	8.7 x 4.2 x 2.8	3330	2875	36.54	33	2023	15.83	Used Sample
6	---	---	---	---	---	---	---	---	---	---	---	---
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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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