



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.

2227
 Engr. Ubaid

To: Mr. Muhammd Saleem, GM
 Professional Construction Services (Pvt) Ltd. Lahore.

Project: Construction of (Khalil and Naushaba's House) Aitchison College Lahore.

Our Ref. No. CL/CED/ 6348

Dated: 11-11-21

Test Specification

Your Ref. No. PCS/21/Eng-126

Dated: 01-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: Tested on: 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	Stair Slab I (1:2:4)	30	8	2021	6Diax12	---	14.2	28.28	47	3723	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: _____

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

- * 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



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To: Mr. Muhammd Saleem, GM
 Professional Construction Services (Pvt) Ltd. Lahore.

Project: Construction of (Khalil and Naushaba's House) Aitchison College Lahore.

Our Ref. No. CL/CED/ 6349

Dated: 11-11-21

Test Specification

Your Ref. No. PCS/21/Eng-125-B

Dated: 01-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: Tested on: 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	Top Roof Slab II (1:2:4)	6	10	2021	6Diax12	---	14	28.28	52	4119	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: _____

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

- * 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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 Engr. Ubaid

To: Mr. Muhammd Saleem, GM
 Professional Construction Services (Pvt) Ltd. Lahore.

Project: Construction of (Khalil and Naushaba's House) Aitchison College Lahore.

Our Ref. No. CL/CED/ 6350

Dated: 11-11-21

Test Specification

Your Ref. No. PCS/21/Eng-125-C

Dated: 01-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: Tested on: 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	Top Roof Slab II (1-2-4)	6	10	2021	6Diax12	---	13.6	28.28	25	1980	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: _____

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

- * 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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 Engr. Ubaid

To: Mr. Muhammd Saleem, GM
 Professional Construction Services (Pvt) Ltd. Lahore.

Project: Construction of (Khalil and Naushaba's House) Aitchison College Lahore.

Our Ref. No. CL/CED/ 6351

Dated: 11-11-21

Test Specification

Your Ref. No. PCS/21/Eng-126-A

Dated: 01-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: Tested on: 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	Top Roof Slab II (1:2:4)	6	10	2021	6Diax12	---	14	28.28	45	3564	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2218
 Engr. Ubaid

To: Consultant: Takbeer Tower
 Mecload Road, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 6352

Dated: 11-11-21

Test Specification

Your Ref. No. Nil

Dated: 09-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: Tested on: 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	---	23	10	2021	6Diax12	---	13.8	28.28	25	1980	---	Non Engraved
2	---	23	10	2021	6Diax12	---	14	28.28	25	1980	---	Non Engraved
3	---	23	10	2021	6Diax12	---	15	28.28	27	2139	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: _____

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ORIGINAL
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2226
 Engr. Ubaid

To: Sub Divisional Officer
 Buildings Sub Division Pattoki.

Project: Establishment of Rescue Office 1122 at Ellahabad District Kasur.

Our Ref. No. CL/CED/ 6353

Dated: 11-11-21

Test Specification

Your Ref. No. 742/P

Dated: 03-11-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: Tested on: 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	Slab (1:1.5:3)	10	10	2021	6x6x6	---	8.8	36	79	4916	---	Engraved
2	Slab (1:1.5:3)	10	10	2021	6x6x6	---	9	36	79	4916	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: _____

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- * as engraved on the specimens (if any)
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Director/Dy. Director Concrete Laboratory



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2226
 Engr. Ubaid

To: Sub Divisional Officer
 Buildings Sub Division Pattoki.

Project: Establishment of Rescue Office 1122 at Ellahabad District Kasur.

Our Ref. No. CL/CED/ 6354

Dated: 11-11-21

Test Specification

Your Ref. No. 747/P

Dated: 06-11-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: Tested on: 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	Slab (1:2:4)	9	10	2021	6x6x6	---	8.8	36	61	3796	---	Engraved
2	Slab (1:2:4)	9	10	2021	6x6x6	---	9	36	69	4293	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: _____

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2234
 Engr. Ubaid

To: Mr. Sarfraz Rasheed, GM Projects
 Ittefaq Building Solutions (Pvt) Ltd.

Project: Fauji Fresh-n-Freeze, Sahiwal.

Our Ref. No. CL/CED/ 6355

Dated: 11-11-21

Test Specification

Your Ref. No. Nil

Dated: 10-11-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 10-11-21 Tested on: 11-11-21 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	Economizer (3750 Psi)	7	10	2021	6x6x6	---	9	36	87	5413	---	Non Engraved
2	Economizer (3750 Psi)	7	10	2021	6x6x6	---	9	36	83	5164	---	Non Engraved
3	Economizer (3750 Psi)	7	10	2021	6x6x6	---	9	36	64	3982	---	Non Engraved
4	Boiler Floor (4200 Psi)	1	11	2021	6x6x6	---	9	36	38	2364	---	Engraved
5	Boiler Floor (4200 Psi)	1	11	2021	6x6x6	---	9	36	45	2800	---	Engraved
6	Boiler Floor (4200 Psi)	1	11	2021	6x6x6	---	9	36	67	4169	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

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

2225
 Engr. Ubaid

To: M. Imran Shakir
 Ijaz Construction Company

Project: Idrees Textile Mills Feroze Wattwan.

Our Ref. No. CL/CED/ 6356

Dated: 11-11-21

Test Specification

Your Ref. No. Nil

Dated: 10-11-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: Tested on: 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	C-30, Drummy Column	1	11	2021	6x6x6	---	9	36	72	4480	---	Engraved
2	C-30, Drummy Column	1	11	2021	6x6x6	---	9	36	89	5538	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: _____

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

- * 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



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ORIGINAL
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2224
 Engr. Ubaid

To: M. Imran Shakir
 Ijaz Construction Company

Project: Idrees Textile Mills Feroze Wattwan.

Our Ref. No. CL/CED/ 6357

Dated: 11-11-21

Test Specification

Your Ref. No. Nil

Dated: 10-11-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: Tested on: 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	Foundation Col. R/d1 (1:2:4)	30	10	2021	6x6x6	---	9	36	57	3547	---	Non Engraved
2	Foundation Col. R/d1 (1:2:4)	30	10	2021	6x6x6	---	8.8	36	73	4542	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: _____

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

- * 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
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ORIGINAL
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2229
 Engr. Ubaid

To: Sub Divisional Officer
 Maintenance Sub Division No.III, GOR-II, Lahore.
 Project: Construction of Multi-Storey Flats / Suites for Officers of P&D and S&GAD in GOR-III, Shadman Lahore.
 Our Ref. No. CL/CED/ 6358 Dated: 11-11-21
 Your Ref. No. 786 Dated: 09-11-21

Test Specification
 (BS 1881-116)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: Tested on: 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	(1:1.5:3)	2	9	2021	6x6x6	---	8.6	36	105	6533	---	Non Engraved
2	(1:1.5:3)	2	9	2021	6x6x6	---	9	36	110	6844	---	Non Engraved
3	(1:1.5:3)	2	9	2021	6x6x6	---	9.2	36	114	7093	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: _____

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

- * 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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
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2228
 Engr. Ubaid

To: Sub Divisional Officer
 Maintenance Sub Division No.III, GOR-II, Lahore.
 Project: Construction of Multi-Storey Flats / Suites for Officers of P&D and S&GAD in GOR-III, Shadman Lahore.
 Our Ref. No. CL/CED/ 6359 Dated: 11-11-21
 Your Ref. No. 788 Dated: 09-11-21

Test Specification
 (BS 1881-116)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: Tested on: 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	(1:2:4)	7	10	2021	6x6x6	---	8.4	36	73	4542	---	Engraved
2	(1:2:4)	7	10	2021	6x6x6	---	8.4	36	84	5227	---	Engraved
3	(1:2:4)	7	10	2021	6x6x6	---	8.4	36	63	3920	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: _____

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ORIGINAL
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2235
 Engr. Ubaid

To: Mr. Ali Sufyan, Deputy Executive Officer Works
 Punjab Safe Cities Authority Lahore. (M/S Communication Links)
 Project: Restoration Works at Gulab Devi, Shahkaam Chowk and Sheran Wala, Lahore. (Concrete Works were done for Handholes and Cubes casted on Site).
 Our Ref. No. CL/CED/ 6360 Dated: 11-11-21
 Your Ref. No. 11651/Works/PSCA/2021 Dated: 10-11-21

Test Specification
 (BS 1881-116)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: **10-11-21** Tested on: **11-11-21** 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	(PSCA-H1) (PSCA-H2)	11	10	2021	6x6x6	---	8.6	36	42	2613	---	Engraved
2	(PSCA-H1) (PSCA-H2)	11	10	2021	6x6x6	---	8.6	36	27	1680	---	Engraved
3	(PSCA-H3) (PSCA-H4)	12	10	2021	6x6x6	---	8.6	36	31	1929	---	Engraved
4	(PSCA-H3) (PSCA-H4)	12	10	2021	6x6x6	---	8.4	36	35	2178	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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Director/Dy. Director Concrete Laboratory