



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.

2321
 Dr. Aqsa

To: Solid Industries LLP
 Sundar Industrial Estate, Lahore

Project: Nil

Our Ref. No. CL/CED/ 6500

Dated: 30-11-21

Test Specification

Your Ref. No. Solid/11/24/021

Dated: 24-11-21

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 24-11-21 Tested on: 30-11-21 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 | Fly Ash (Solid) | --- | --- | --- | 9 x 4.4 x 3 | --- | 3510 | 39.6 | 27 | 1527 | --- | --- |
| 2 | Fly Ash (Solid) | --- | --- | --- | 9 x 4.4 x 3 | --- | 3385 | 39.6 | 30 | 1697 | --- | --- |
| 3 | Fly Ash (Solid) | --- | --- | --- | 9 x 4.4 x 3 | --- | 3480 | 39.6 | 33 | 1867 | --- | --- |
| 4 | Fly Ash (Solid) | --- | --- | --- | 9 x 4.4 x 3 | --- | 3410 | 39.6 | 16 | 905 | --- | --- |
| 5 | Fly Ash (Solid) | --- | --- | --- | 9 x 4.4 x 3 | --- | 3665 | 39.6 | 23 | 1301 | --- | --- |
| 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-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

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.

2301
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division, Kot Radha Kishan

Project : Construction of additional classrooms in schools (ADP NO.15/2021-22) Construction of 02-Nos additional class rooms at Govt. Girls primary school rakh butt tehsil K.R.K District Kasur
Our Ref. No. CL/CED/ 6501 Dated: 30-11-21

Your Ref. No. 15/KRK

Dated: 25-10-21

Test Specification

(---)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 22-11-21 Tested on: 30-11-21 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 | B | --- | --- | --- | 8.7 x 4.3 x 2.9 | --- | 3385 | 37.41 | 53 | 3173 | --- | --- |
| 2 | B | --- | --- | --- | 8.8 x 4.3 x 3 | --- | 3315 | 37.84 | 55 | 3256 | --- | --- |
| 3 | B | --- | --- | --- | 8.8 x 4.3 x 3 | --- | 3425 | 37.84 | 53 | 3137 | --- | --- |
| 4 | B | --- | --- | --- | 8.7 x 4.2 x 3 | --- | 3455 | 36.54 | 48 | 2943 | --- | --- |
| 5 | B | --- | --- | --- | 8.7 x 4.3 x 3 | --- | 3385 | 37.41 | 53 | 3173 | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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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
 A carbon copy for the report has been retained in the lab for record.

2340
Dr. Aqsa

To: Mr. Tahawar Owais (Manager Civil)
 CASA Grande Ventures (Private) Limited, Lahore

Project: Construction of Apartments Building at 94-G Gulberg-III, Lahore

Our Ref. No. CL/CED/ 6502-1 of 2

Dated: 30-11-21

Test Specification

Your Ref. No. Nil

Dated: 29-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 29-11-21 **Tested on:** 30-11-21 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 | Piles | 20 | 9 | 2021 | 6Diax12 | --- | 14 | 28.28 | 39 | 3089 | --- | Non Engraved |
| 2 | Piles | 20 | 9 | 2021 | 6Diax12 | --- | 14 | 28.28 | 53 | 4198 | --- | Non Engraved |
| 3 | Piles | 21 | 9 | 2021 | 6Diax12 | --- | 13.8 | 28.28 | 63 | 4990 | --- | Non Engraved |
| 4 | Piles | 21 | 9 | 2021 | 6Diax12 | --- | 14 | 28.28 | 67 | 5307 | --- | Non Engraved |
| 5 | Piles | 22 | 9 | 2021 | 6Diax12 | --- | 13.4 | 28.28 | 43 | 3406 | --- | Non Engraved |
| 6 | Piles | 22 | 9 | 2021 | 6Diax12 | --- | 13.4 | 28.28 | 44 | 3485 | --- | Non Engraved |
| 7 | Piles | 23 | 9 | 2021 | 6Diax12 | --- | 13 | 28.28 | 23 | 1822 | --- | Non Engraved |
| 8 | Piles | 23 | 9 | 2021 | 6Diax12 | --- | 13.8 | 28.28 | 51 | 4040 | --- | Non Engraved |
| 9 | Piles | 24 | 9 | 2021 | 6Diax12 | --- | 14.2 | 28.28 | 64 | 5069 | --- | Non Engraved |
| 10 | Piles | 24 | 9 | 2021 | 6Diax12 | --- | 13.8 | 28.28 | 53 | 4198 | --- | Non Engraved |
| 11 | Piles | 25 | 9 | 2021 | 6Diax12 | --- | 15 | 28.28 | 44 | 3485 | --- | Non Engraved |
| 12 | Piles | 25 | 9 | 2021 | 6Diax12 | --- | 13 | 28.28 | 66 | 5228 | --- | Non Engraved |
| 13 | Piles | 26 | 9 | 2021 | 6Diax12 | --- | 13.6 | 28.28 | 51 | 4040 | --- | Non Engraved |
| 14 | Piles | 26 | 9 | 2021 | 6Diax12 | --- | 14 | 28.28 | 73 | 5782 | --- | Non Engraved |
| 15 | Piles | 27 | 9 | 2021 | 6Diax12 | --- | 14 | 28.28 | 56 | 4436 | --- | Non Engraved |
| 16 | Piles | 27 | 9 | 2021 | 6Diax12 | --- | 13.2 | 28.28 | 52 | 4119 | --- | Non Engraved |

Witnessed by: Nil

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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2340
 Dr. Aqsa

To: Mr. Tahawar Owais
 CASA Grande Ventures (Private) Limited, Lahore

Project: Construction of Apartments Building at 94-G Gulberg-III, Lahore

Our Ref. No. CL/CED/ 6502-2 of 2

Dated: 30-11-21

Test Specification

Your Ref. No. Nil

Dated: 29-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 29-11-21 Tested on: 30-11-21 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 | | | | | | | | |
| 17 | Piles | 28 | 9 | 2021 | 6Diax12 | --- | 13 | 28.28 | 38 | 3010 | --- | Non Engraved |
| 18 | Piles | 28 | 9 | 2021 | 6Diax12 | --- | 13.8 | 28.28 | 48 | 3802 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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

2341-2342
 Dr. Umbreen

To: Mr. Muhammad Saqib (Director)
 Ali Saqlain Real Estate & Builders, Lahore

Project : SQ-99 Mall Bahria Town Lahore

Our Ref. No. CL/CED/ 6503

Dated: 30-11-21

Test Specification

Your Ref. No. LHR 736

Dated: 29-11-21

0

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 29-11-21 **Tested on:** 29-11-21 **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 | Hollow Block | --- | --- | --- | 15.9 x 5.9 x 8 | --- | 11 | 64.26 | 29 | 1011 | --- | --- |
| 2 | Hollow Block | --- | --- | --- | 15.8 x 5.8 x 8 | --- | 9 | 59.6 | 18 | 677 | --- | --- |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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-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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Director/Dy. Director Concrete Laboratory



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

2332
Dr. Aqsa

To: Sub Divisional Officer
 Building Sub Division No. 5, Lahore
 Project: Construction of P.C.O Rooms and Improvement of Visiting Area in Punjab Jail (One at District Jail Lahore)
 Our Ref. No. CL/CED/ 6504 Dated: 30-11-21
 Your Ref. No. Endst:436/5th Dated: 24-10-20

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 | --- | 25 | 9 | 2021 | 6x6x6 | --- | 8 | 36 | 68 | 4231 | --- | Engraved |
| 2 | --- | 25 | 9 | 2021 | 6x6x6 | --- | 8 | 36 | 66 | 4107 | --- | Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2332
 Dr. Aqsa

To: Sub Divisional Officer
 Building Sub Division No. 5, Lahore

Project: Construction of P.C.O Rooms and Improvement of Visiting Area in Punjab Jail (One at District Jail Lahore)

Our Ref. No. CL/CED/ 6505

Dated: 30-11-21

Test Specification

Your Ref. No. Endst:434/5th

Dated: 24-10-20

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 26-11-21 **Tested on:** 30-11-21 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 | --- | 6 | 10 | 2021 | 6x6x6 | --- | 8.2 | 36 | 77 | 4791 | --- | Non Engraved |
| 2 | --- | 6 | 10 | 2021 | 6x6x6 | --- | 8.2 | 36 | 68 | 4231 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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2294
 Dr. Aqsa

To: Mr. Wasiq Akram (Planning & Coordination Engineer)
 Ittefaq Building Solutions (Pvt.) Ltd.

Project: Master Textiles Mills Ltd. (Extension of Spinning unit M-7)

Our Ref. No. CL/CED/ 6506

Dated: 30-11-21

Test Specification

Your Ref. No. IBS/M-7/Foundation/A/49-46

Dated: 18-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 19-11-21 **Tested on:** 30-11-21 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 | Column Line EF/ Grid 50-49 Set 34 | 21 | 10 | 2021 | 6Diax12 | --- | 14.8 | 28.28 | 75 | 5941 | --- | Engraved |
| 2 | Column Line EF/ Grid 50-49 Set 34 | 21 | 10 | 2021 | 6Diax12 | --- | 14.4 | 28.28 | 60 | 4752 | --- | Engraved |
| 3 | Column Line EF/ Grid 50-49 Set 34 | 21 | 10 | 2021 | 6Diax12 | --- | 14.6 | 28.28 | 74 | 5861 | --- | Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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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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.

2294
 Dr. Aqsa

To: Mr. Wasiq Akram
 Ittefaq Building Solutions (Pvt) Ltd

Project: Master Textiles Mills Ltd. (Extension of Spinning unit M-7) (Set34)

Our Ref. No. CL/CED/ 6507

Dated: 30-11-21

Test Specification

Your Ref. No. IBS/M-7/Foundation/A/49-46

Dated: 18-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 19-11-21 Tested on: 30-11-21 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 | Foundations(Line A/ Grid 49-46) | 21 | 10 | 2021 | 6Diax12 | --- | 14.2 | 28.28 | 59 | 4673 | --- | Engraved |
| 2 | Foundations (Line A/ Grid 49-46) | 21 | 10 | 2021 | 6Diax12 | --- | 14 | 28.28 | 62 | 4911 | --- | Engraved |
| 3 | Foundations (Line A/ Grid 49-46) | 21 | 10 | 2021 | 6Diax12 | --- | 14 | 28.28 | 61 | 4832 | --- | Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
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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



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.

2339
 Dr. Aqsa

To: Mr. Muhammad Azeem (Operation Manager)
 Amer Adnan Associates, Lahore

Project: Hotel Building at 24-A Block E / 2 at Gulberg III Lahore

Our Ref. No. CL/CED/ 6508

Dated: 30-11-21

Test Specification

Your Ref. No. AAA/24 A./0065

Dated: 26-11-21

(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 | 3000 Psi | 29 | 10 | 2021 | 6Diax12 | --- | 14 | 28.28 | 26 | 2059 | --- | Engraved |
| 2 | 3000 Psi | 29 | 10 | 2021 | 6Diax12 | --- | 14 | 28.28 | 24 | 1901 | --- | Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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
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.

2347
 Engr. Ubaid

To: Mr. Muhammad Azmat (Resident Engineer, Nespak)
 CM Div., NESPAK Pvt. Ltd. Lahore (M/s. M. Siddique Ch. & Co.)

Project: Construction of High Performance Centre at Divisional Head Quarter Sialkot

Our Ref. No. CL/CED/ 6509-1 of 2

Dated: 30-11-21

Test Specification

Your Ref. No. 4314/13/MA/04/19

Dated: 29-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 **Tested on:** 30-11-21 **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 | (1:2:4) | 22 | 11 | 2021 | 6Diax12 | --- | 14 | 28.28 | 23.75 | 1881 | --- | Non Engraved |
| 2 | (1:2:4) | 22 | 11 | 2021 | 6Diax12 | --- | 13.8 | 28.28 | 24 | 1901 | --- | Non Engraved |
| 3 | (1:2:4) | 22 | 11 | 2021 | 6Diax12 | --- | 13.8 | 28.28 | 25 | 1980 | --- | Non Engraved |
| 4 | (1:1.5:3) | 23 | 11 | 2021 | 6Diax12 | --- | 13.8 | 28.28 | 28.5 | 2257 | --- | Non Engraved |
| 5 | (1:1.5:3) | 23 | 11 | 2021 | 6Diax12 | --- | 14 | 28.28 | 31.5 | 2495 | --- | Non Engraved |
| 6 | (1:1.5:3) | 23 | 11 | 2021 | 6Diax12 | --- | 13.6 | 28.28 | 24 | 1901 | --- | Non Engraved |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Syed Ibrar Hassan Gillani (Nespak) & Mr. Zuhaib Hassan (Contractor)

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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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.

2347
 Engr. Ubaid

To: Mr. Muhammad Azmat (Resident Engineer, Nespak)
 CM Div., NESPAK Pvt. Ltd. Lahore (M/s. M. Siddique Ch. & Co.)

Project: Construction of High Performance Centre at Divisional Head Quarter Sialkot

Our Ref. No. CL/CED/ 6509-2 of 2

Dated: 30-11-21

Test Specification

Your Ref. No. 4314/13/MA/04/19

Dated: 29-11-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 **Tested on:** 30-11-21 **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 | (1:2:4) | 22 | 11 | 2021 | 6x6x6 | --- | 8.4 | 36 | 36 | 2240 | --- | Non Engraved |
| 2 | (1:2:4) | 22 | 11 | 2021 | 6x6x6 | --- | 8.4 | 36 | 39 | 2427 | --- | Non Engraved |
| 3 | (1:2:4) | 22 | 11 | 2021 | 6x6x6 | --- | 8.4 | 36 | 39 | 2427 | --- | Non Engraved |
| 4 | (1:1.5:3) | 23 | 11 | 2021 | 6x6x6 | --- | 8.4 | 36 | 47 | 2924 | --- | Non Engraved |
| 5 | (1:1.5:3) | 23 | 11 | 2021 | 6x6x6 | --- | 8.4 | 36 | 45 | 2800 | --- | Non Engraved |
| 6 | (1:1.5:3) | 23 | 11 | 2021 | 6x6x6 | --- | 8.4 | 36 | 46 | 2862 | --- | Non Engraved |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Syed Ibrar Hassan Gillani (Nespak) & Mr. Zuhaib Hassan (Contractor)

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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.

2351
 Dr. Umbreen

To: M/s Blok-Lite
 Plot # 1416, SectorC, LDA Avenue-1, Raiwind Road, Lahore

Project : Bahria Town Lahore (SQ-99)

Our Ref. No. CL/CED/ 6510

Dated: 30-11-21

Test Specification

Your Ref. No. Nil

Dated: 30-11-21

(---)

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 | Hollow Block | --- | --- | --- | 16 x 5.8 x 8 | --- | 11 | 63.7 | 19 | 668 | --- | --- |
| 2 | Hollow Block | --- | --- | --- | 16 x 5.9 x 8 | --- | 11 | 65.3 | 30 | 1029 | --- | --- |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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-reports/>

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory