



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.

4542
 Dr. Umbreen

To: Project Manager
 Lahore Hills Private Limited

Project: Nil

Our Ref. No. CL/CED/ 917

Dated: 16-01-23

Test Specification

Your Ref. No. DH/MT/006

Dated: 09-01-23

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 10/1/2023 Tested on: 16-01-23 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 | 4500 Psi | 6 | 12 | 2022 | 6Diax12 | --- | 13.4 | 28.28 | 43 | 3406 | --- | Non Engraved |
| 2 | 4500 Psi | 6 | 12 | 2022 | 6Diax12 | --- | 13.4 | 28.28 | 67 | 5307 | --- | Non Engraved |
| 3 | 4500 Psi | 6 | 12 | 2022 | 6Diax12 | --- | 13 | 28.28 | 45 | 3564 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Mr. Zeeshan Afzal, CNIC # 31101-8928959-1

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



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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.

4553
 Dr. Umbreen

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

Project: Construction of Jasmine Grand Mall, Bahria Town Lahore.

Our Ref. No. CL/CED/ 918

Dated: 16-01-23

Test Specification

Your Ref. No. QLC-BO-BH2-2022-02-LTR-112023

Dated: 11-01-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 11/1/2023 **Tested on:** 16-01-23 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 | 4th Floor Lift Wall (3750 Psi) | 10 | 12 | 2022 | 6Diax12 | --- | 12.8 | 28.28 | 27 | 2139 | --- | Non Engraved |
| 2 | 4th Floor Lift Wall (3750 Psi) | 10 | 12 | 2022 | 6Diax12 | --- | 13 | 28.28 | 27 | 2139 | --- | Non Engraved |
| 3 | 4th Floor Column (4500 Psi) | 10 | 12 | 2022 | 6Diax12 | --- | 13 | 28.28 | 41 | 3248 | --- | Non Engraved |
| 4 | 4th Floor Column (4500 Psi) | 10 | 12 | 2022 | 6Diax12 | --- | 13 | 28.28 | 31 | 2455 | --- | Non Engraved |
| 5 | 4th Floor Column (4500 Psi) | 13 | 12 | 2022 | 6Diax12 | --- | 13.2 | 28.28 | 45 | 3564 | --- | Non Engraved |
| 6 | 4th Floor Column (4500 Psi) | 13 | 12 | 2022 | 6Diax12 | --- | 13.2 | 28.28 | 39 | 3089 | --- | Non Engraved |
| 7 | Third Floor Slab (3000 Psi) | 13 | 12 | 2022 | 6Diax12 | --- | 13 | 28.28 | 37 | 2931 | --- | Engraved |
| 8 | Third Floor Slab (3000 Psi) | 13 | 12 | 2022 | 6Diax12 | --- | 12.8 | 28.28 | 35 | 2772 | --- | Engraved |
| 9 | Third Floor Slab (3000 Psi) | 13 | 12 | 2022 | 6Diax12 | --- | 13 | 28.28 | 31 | 2455 | --- | Engraved |
| 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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ORIGINAL
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4570
 Dr. Umbreen

To: **ICON Developers**
 Interior Construction Developers

Project: Construction of Boarding House, Aitchison College (Shirazi House)

Our Ref. No. CL/CED/ 919

Dated: 16-01-23

Test Specification

Your Ref. No. Nil

Dated: 12-01-23

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 12/1/2023 Tested on: 16-01-23 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 | F.F.Slab (1:2:4) (3000 Psi) | 10 | 12 | 2022 | 6Diax12 | --- | 13.4 | 28.28 | 37 | 2931 | --- | Non Engraved |
| 2 | F.F.Slab (1:2:4) (3000 Psi) | 10 | 12 | 2022 | 6Diax12 | --- | 14 | 28.28 | 35 | 2772 | --- | Non Engraved |
| 3 | F.F.Slab (1:2:4) (3000 Psi) | 10 | 12 | 2022 | 6Diax12 | --- | 13.6 | 28.28 | 37 | 2931 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4580
 Dr. Umbreen

To: Mr. M. Asif
 Canal 44 Luxury Apartments

Project: Nil

Our Ref. No. CL/CED/ 920

Dated: 16-01-23

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 13/1/2023 Tested on: 16-01-23 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 | (3750 Psi) | 5 | 1 | 2023 | 6Diax12 | --- | 13.2 | 28.28 | 29 | 2297 | --- | Engraved |
| 2 | (3750 Psi) | 5 | 1 | 2023 | 6Diax12 | --- | 13 | 28.28 | 43 | 3406 | --- | 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-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
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ORIGINAL
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4564
 Dr. Umbreen

To: Mr. Mohammad Asghar
 Admin Officer, Tetra Ready Mix (Pvt.) Ltd. (Client: Sprint Services)

Project: Construction of International School of Lahore Pine Avenue Lahore.

Our Ref. No. CL/CED/ 921

Dated: 16-01-23

Test Specification

Your Ref. No. TRM/Dream-3/01

Dated: 10-01-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **11/1/2023** Tested on: **16-01-23** 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 | (4000 Psi) | 24 | 12 | 2022 | 6Diax12 | --- | 13.2 | 28.28 | 35 | 2772 | --- | Non Engraved |
| 2 | (4000 Psi) | 24 | 12 | 2022 | 6Diax12 | --- | 13.4 | 28.28 | 47 | 3723 | --- | Non Engraved |
| 3 | (4000 Psi) | 25 | 12 | 2022 | 6Diax12 | --- | 14 | 28.28 | 39 | 3089 | --- | Non Engraved |
| 4 | (4000 Psi) | 25 | 12 | 2022 | 6Diax12 | --- | 14 | 28.28 | 40 | 3168 | --- | Non Engraved |
| 5 | (4000 Psi) | 31 | 12 | 2022 | 6Diax12 | --- | 13.8 | 28.28 | 29 | 2297 | --- | Non Engraved |
| 6 | (4000 Psi) | 31 | 12 | 2022 | 6Diax12 | --- | 13.2 | 28.28 | 35 | 2772 | --- | Non Engraved |
| 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-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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

4575
 Dr. Umbreen

To: Mr. Muhammad Tahir Nazeer, Deputy Manager Civil
 Nishat Mills Ltd. (Denim Division) Bhikhi

Project: Construction of Nishat Mills Ltd. (Denim Division) M/S Contractor: Najmi Nadeem Construction Pvt. Ltd.

Our Ref. No. CL/CED/ 922

Dated: 16-01-23

Test Specification

Your Ref. No. NDM/C-TEST/018

Dated: 12-01-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 13/1/2023 **Tested on:** 16-01-23 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 | Mezzanine Slab D~J/41~43 C-20 | 13 | 12 | 2022 | 6x6x6 | --- | 8.6 | 36 | 35 | 2178 | --- | Engraved |
| 2 | Mezzanine Slab D~J/41~43 C-20 | 13 | 12 | 2022 | 6x6x6 | --- | 8.4 | 36 | 51 | 3173 | --- | Engraved |
| 3 | Mezzanine Slab D~J/41~43 C-20 | 13 | 12 | 2022 | 6x6x6 | --- | 8.8 | 36 | 36 | 2240 | --- | Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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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.

4575
 Dr. Umbreen

To: Mr. Muhammad Tahir Nazeer, Deputy Manager Civil
 Nishat Mills Ltd. (Denim Division) Bhikhi

Project: Construction of Nishat Mills Ltd. (Denim Division) M/S Contractor: Najmi Nadeem Construction Pvt. Ltd.

Our Ref. No. CL/CED/ 923

Dated: 16-01-23

Test Specification

Your Ref. No. NDM/C-TEST/019

Dated: 12-01-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **13/1/2023** Tested on: **16-01-23** 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 | Loom Shed Beam/B~L/26 C-20 | 14 | 12 | 2022 | 6x6x6 | --- | 8.6 | 36 | 49 | 3049 | --- | Engraved |
| 2 | Loom Shed Beam/B~L/26 C-20 | 14 | 12 | 2022 | 6x6x6 | --- | 8.6 | 36 | 47 | 2924 | --- | Engraved |
| 3 | Loom Shed Beam/B~L/26 C-20 | 14 | 12 | 2022 | 6x6x6 | --- | 8.6 | 36 | 49 | 3049 | --- | Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory