



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.

5321
 Dr. Umbreen

To: Quality Construction Company Lahore.
 38-Chaudhry Plaza, Main Boulevard Commercial Area, Nawab Town, Raiwind Road, Lahore.

Project: Construction of Sunridge Foods SR III at Sharqpur Road, Lahore.

Our Ref. No. CL/CED/ 2083

Dated: 05-06-23

Test Specification

Your Ref. No. Nil

Dated: 31-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **31/5/2023** Tested on: **05-06-23** 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 | Silo #4(1200 Psi) | 22 | 5 | 2023 | 6 Diax12 | --- | 12.4 | 28.28 | 14 | 1109 | --- | Non Engraved |
| 2 | Silo #4(1200 Psi) | 22 | 5 | 2023 | 6 Diax12 | --- | 12.6 | 28.28 | 21 | 1663 | --- | Non Engraved |
| 3 | Silo #4(1200 Psi) | 22 | 5 | 2023 | 6 Diax12 | --- | 12.6 | 28.28 | 20 | 1584 | --- | Non Engraved |
| 4 | Silo #3(1200 Psi) | 19 | 5 | 2023 | 6 Diax12 | --- | 12.4 | 28.28 | 8 | 634 | --- | Non Engraved |
| 5 | Silo #3(1200 Psi) | 19 | 5 | 2023 | 6 Diax12 | --- | 12.8 | 28.28 | 7 | 554 | --- | Non Engraved |
| 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
- **** 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



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 Dr. Umbreen

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Project: Construction of Sunridge Foods SR III at Sharqpur Road, Lahore.

Our Ref. No. CL/CED/ 2084

Dated: 05-06-23

Test Specification

Your Ref. No. Nil

Dated: 31-05-23

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **31/5/2023** Tested on: **05-06-23** 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 | Silo #2 (3000 Psi) | 23 | 5 | 2023 | 6 Diax12 | --- | 13 | 28.28 | 38 | 3010 | --- | Non Engraved |
| 2 | Silo #2 (3000 Psi) | 23 | 5 | 2023 | 6 Diax12 | --- | 13.8 | 28.28 | 43 | 3406 | --- | Non Engraved |
| 3 | Silo #2 (3000 Psi) | 23 | 5 | 2023 | 6 Diax12 | --- | 13 | 28.28 | 32 | 2535 | --- | Non Engraved |
| 4 | Silo #1 (3000 Psi) | 20 | 5 | 2023 | 6 Diax12 | --- | 13.2 | 28.28 | 31 | 2455 | --- | Non Engraved |
| 5 | Silo #1 (3000 Psi) | 20 | 5 | 2023 | 6 Diax12 | --- | 13.6 | 28.28 | 32 | 2535 | --- | Non Engraved |
| 6 | Silo #1 (3000 Psi) | 20 | 5 | 2023 | 6 Diax12 | --- | 13.4 | 28.28 | 25 | 1980 | --- | Non Engraved |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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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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- **** ACI318-08 requires mean of two sample (6" diax12" cylinder) strength at 28 days as compressive strength

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ORIGINAL
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5290
 Dr. Umbreen

To: Mr. M. Usman Meer
 For SINACO Engineers (Pvt.) Ltd.

Project: Construction of National Foods Galaxy Project at FIEDMC, Sahianwala, Faisalabad.

Our Ref. No. CL/CED/ 2085

Dated: 05-06-23

Test Specification

Your Ref. No. 00220-2023

Dated: 24-05-23

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **26/5/2023** Tested on: **05-06-23** 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 Absorpti on (%) | Remarks |
|---------|-------------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|-----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | RCC Flooring (3000 Psi) | 13 | 5 | 2023 | 6 Diax12 | --- | 13.6 | 28.28 | 45 | 3564 | --- | Non Engraved |
| 2 | RCC Flooring (3000 Psi) | 13 | 5 | 2023 | 6 Diax12 | --- | 13.4 | 28.28 | 47 | 3723 | --- | Non Engraved |
| 3 | RCC Flooring (3000 Psi) | 13 | 5 | 2023 | 6 Diax12 | --- | 13.6 | 28.28 | 49 | 3881 | --- | Non Engraved |
| 4 | RCC Column (4000 Psi) | 13 | 5 | 2023 | 6 Diax12 | --- | 13.4 | 28.28 | 49 | 3881 | --- | Non Engraved |
| 5 | RCC Column (4000 Psi) | 13 | 5 | 2023 | 6 Diax12 | --- | 13.4 | 28.28 | 63 | 4990 | --- | Non Engraved |
| 6 | RCC Column (4000 Psi) | 13 | 5 | 2023 | 6 Diax12 | --- | 13.4 | 28.28 | 64 | 5069 | --- | Non Engraved |
| 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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ORIGINAL
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5315
 Dr. Umbreen

To: Mr. Muhammad Irfan
 Material Engineer, Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Construction of Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 2086

Dated: 05-06-23

Test Specification

Your Ref. No. DOC-BMC/AJWA/071

Dated: 30-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **31/5/2023** Tested on: **05-06-23** 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 | Col#4 Grid#E/8,9 H/8,9 | 1 | 5 | 2023 | 6 Diax12 | --- | 13.2 | 28.28 | 86 | 6812 | --- | Non Engraved |
| 2 | Col#4 Grid#E/8,9 H/8,9 | 1 | 5 | 2023 | 6 Diax12 | --- | 14.2 | 28.28 | 81 | 6416 | --- | Non Engraved |
| 3 | Col#4 Grid#E/8,9 H/8,9 | 1 | 5 | 2023 | 6 Diax12 | --- | 14 | 28.28 | 86 | 6812 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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ORIGINAL
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5312
 Dr. Umbreen

To: Resident Engineer (Civil)
 MASCON Associates (Pvt.) Ltd. In Association with HA Consulting

Project: Establishment of Model Bazaar Head Office Building.

Our Ref. No. CL/CED/ 2087

Dated: 05-06-23

Test Specification

Your Ref. No. MAC-HAC/23/PMBMC/LT/054

Dated: 29-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 31/5/2023 **Tested on:** 05-06-23 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 Slab (3000 Psi) | 29 | 4 | 2023 | 6 Diax12 | --- | 13 | 28.28 | 51 | 4040 | --- | Non Engraved |
| 2 | 4th Floor Slab (3000 Psi) | 29 | 4 | 2023 | 6 Diax12 | --- | 13 | 28.28 | 35 | 2772 | --- | Non Engraved |
| 3 | 4th Floor Slab (3000 Psi) | 29 | 4 | 2023 | 6 Diax12 | --- | 12.8 | 28.28 | 33 | 2614 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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ORIGINAL
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5316
 Dr. Umbreen

To: Mr. Ahmar Aslam
 Canal 44 Luxury Apartments, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 2088

Dated: 05-06-23

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: 31/5/2023 Tested on: 05-06-23 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 | --- | 22 | 5 | 2023 | 6 Diax12 | --- | 14 | 28.28 | 35 | 2772 | --- | Engraved |
| 2 | --- | 22 | 5 | 2023 | 6 Diax12 | --- | 13 | 28.28 | 34 | 2693 | --- | Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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Witnessed by: Nil

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5318
 Dr. Umbreen

To: Engr. Ahmar Raza
 AMCORP Engineering & Construction (Pvt.) Ltd.

Project: Construction of Upper Mall-Lahore Plot No. 199 & 200-B.

Our Ref. No. CL/CED/ 2089

Dated: 05-06-23

Test Specification

Your Ref. No. ABL-LHR-AMC-01

Dated: 31-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **31/5/2023** Tested on: **05-06-23** 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 | 12 | 5 | 2023 | 6 Diax12 | --- | 13 | 28.28 | 63 | 4990 | --- | Non Engraved |
| 2 | 4000 Psi | 12 | 5 | 2023 | 6 Diax12 | --- | 14 | 28.28 | 69 | 5465 | --- | Non Engraved |
| 3 | 4000 Psi | 12 | 5 | 2023 | 6 Diax12 | --- | 14 | 28.28 | 47 | 3723 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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Witnessed by: Nil

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5292
 Dr. Umbreen

To: District Officer (I&S)
 Office of the District Council Sheikhupura
 Project: Construction of Tuff Tile and Drainage Main LHR-SKP Road towards Mominpura Village, Tehsil Ferozewala District Sheikhupura.
 Our Ref. No. CL/CED/ 2090
 Your Ref. No. DO(I&S)-DC-SKP/2011

Dated: 05-06-23 Test Specification
 Dated: 23-05-23 (----)

COMPRESSION TEST REPORT



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

Specimens received on: **26-05-23** Tested on: **05-06-23** 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 | Rectangular Grey 80mm | --- | --- | --- | 7.7 x 3.8 x 3 | --- | 3585 | 29.26 | 85 | 6507 | --- | --- | |
| 2 | Rectangular Grey 80mm | --- | --- | --- | 7.7 x 3.8 x 3 | --- | 3595 | 29.26 | 118 | 9033 | --- | --- | |
| 3 | Rectangular Grey 80mm | --- | --- | --- | 7.8 x 3.9 x 3 | --- | 3645 | 30.42 | 114 | 8394 | --- | --- | |
| 4 | Rectangular Grey 80mm | --- | --- | --- | 7.7 x 3.8 x 3 | --- | 3490 | 29.26 | 102 | 7809 | --- | --- | |
| 5 | Rectangular Grey 80mm | --- | --- | --- | 7.7 x 3.8 x 3 | --- | 3610 | 29.26 | 73 | 5589 | --- | --- | |
| 6 | Rectangular Grey 80mm | --- | --- | --- | 7.7 x 3.8 x 3 | --- | 3570 | 29.26 | 83 | 6354 | --- | --- | |
| 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-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