



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10378

To: **Assistant Director (Tech-II)**

Dr. M. Yousaf

Anti-Corruption Establishment, Bahawalpur Region, Bahawalpur

Project: Regular Enquiry 796/18 Against Officers / Officials Provincial Highway Rahim Yar Khan

Our Ref. No. CL/CED/ 561-1 of 3 Dated: 06-08-20

Your Ref. No. ACE-BR-Tech-20/454 Dated: 28-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 29-07-20 Tested on: 05-08-20 in dry/wet condition

| Sr. No. | Mark* | Casting Date* /Wet Weight (gms) | Size (in) | Weight (lbs./gms) | Area of X-Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks |
|---------|------------------|---------------------------------------|--------------|----------------------|----------------------------------|--------------------------------|-----------------------------|---------|
| 1 | Rectangular Grey | | 7.8x3.8x2.4 | 2695 | 29.64 | 97 | 7340 | |
| 2 | Rectangular Grey | | 7.8x3.8x2.4 | 2693 | 29.64 | 144 | 10890 | |
| 3 | Rectangular Grey | | 7.8x3.8x2.4 | 2880 | 29.64 | 124 | 9380 | |
| 4 | Rectangular Grey | | 7.8x3.8x2.4 | 2696 | 29.64 | 133 | 10060 | |
| 5 | Rectangular Grey | | 7.8x3.8x2.4 | 2761 | 29.64 | 94 | 7110 | |
| 6 | Rectangular Grey | | 7.8x3.8x2.4 | 2749 | 29.64 | 76 | 5750 | |
| 7 | Rectangular Grey | | 7.8x3.8x2.4 | 2676 | 29.64 | 102 | 7710 | |
| 8 | Rectangular Grey | | 7.8x3.8x2.4 | 2777 | 29.64 | 118 | 8920 | |
| 9 | Rectangular Grey | | 7.8x3.8x2.4 | 2707 | 29.64 | 111 | 8390 | |
| 10 | Rectangular Grey | | 7.8x3.8x2.4 | 2631 | 29.64 | 104 | 7860 | |
| 11 | Rectangular Grey | | 7.8x3.8x2.4 | 2678 | 29.64 | 106 | 8020 | |
| 12 | Rectangular Grey | | 7.8x3.8x2.4 | 2839 | 29.64 | 118 | 8920 | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* 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



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10367

Dr. M. Yousaf

To: **Brig. Saeed Ahmed Malik (SI M, R) (Resident Engineer)**

H&TE Div., Nespak (Pvt.) Ltd. Lahore

Project: (Lahore Development Projects) Rehabilitation of Streets Infrastructure through Provision of PCC and Gully Grating in Block C,E & H Youhanabad Lahore (Package-II)

Our Ref. No. CL/CED/ 562 Dated: 06-08-20

Your Ref. No. 4084/103/BSAM/104/50 Dated: 02-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-07-20 Tested on: 05-08-20 in dry/wet condition

| Sr. No. | Mark* | Casting Date* /Wet Weight (gms) | Size (in) | Weight (lbs./gms) | Area of X- Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks |
|---------|-------|---------------------------------------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|---------|
| 1 | B-3 | | 8.7x4.2x2.9 | 3007 | 36.54 | 51 | 3130 | |
| 2 | B-3 | | 8.6x4.2x2.9 | 2941 | 36.12 | 48 | 2980 | |
| 3 | B-3 | | 8.7x4.2x2.8 | 2893 | 36.54 | 48 | 2950 | |
| 4 | B-3 | | 8.6x4.1x2.9 | 2881 | 35.26 | 45 | 2860 | |
| 5 | B-3 | | 8.7x4.2x2.9 | 2791 | 36.54 | 49 | 3010 | |
| 6 | B-3 | | 8.7x4.1x2.8 | 2896 | 35.67 | 41 | 2580 | |
| 7 | | | | | | | | |
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| 16 | | | | | | | | |

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10353

To: **Abdullah Hussain (Resident Engineer)**

Dr. Mazhar Saleem

E&PHE Div., Nespak (Pvt.) Ltd. Lahore

Project: Public Spaces Upgradation of Existing Parks in Sahiwal & Sialkot (Lot-2: Works for Upgradation of 4 Existing Parks in Sialkot)

Our Ref. No. CL/CED/

563

Dated:

06-08-20

Your Ref. No.

Nespak/SAH/UET/021

Dated:

24-07-20

COMPRESSION TEST REPORT

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

Specimens received on:

24-07-20

Tested on:

06-08-20

in dry/wet condition

| Sr. No. | Mark* | Casting Date* Wet Weight (gms) | Size (in) | Weight (lbs./gms) | Area of X- Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks |
|---------|------------|--------------------------------------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|----------|
| 1 | Kerb Stone | | 6x6x6 | 8.4 | 36 | 108 | 6720 | Cut Cube |
| 2 | Kerb Stone | | 5.9x6x6 | 8 | 35.4 | 102 | 6460 | Cut Cube |
| 3 | Kerb Stone | | 6x6x6 | 8.4 | 36 | 96 | 5980 | Cut Cube |
| 4 | Kerb Stone | | 6x6x6 | 8.6 | 36 | 94 | 5850 | Cut Cube |
| 5 | Kerb Stone | | 5.9x5.9x6 | 8.4 | 34.81 | 98 | 6310 | Cut Cube |
| 6 | Kerb Stone | | 6x5.9x6 | 8.4 | 35.4 | 100 | 6330 | Cut Cube |
| 7 | Kerb Stone | | 6x6x6 | 8.4 | 36 | 98 | 6100 | Cut Cube |
| 8 | Kerb Stone | | 6x6x6 | 8.4 | 36 | 100 | 6230 | Cut Cube |
| 9 | | | | | | | | |
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

10380

To: Majib ur Rehman (Principal Architect)
Sustainable Design Solutions, Lahore
Project: 34-CCA Commercial at Phase-6, DHA, Lahore

Dr. Mazhar Saleem

Our Ref. No. CL/CED/ 564 Dated: 06-08-20

Your Ref. No. SD-1262019-06 Dated: 27-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 30-07-20 Tested on: 06-08-20 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | Size (in) | Weight (lbs./gms) | Area of X-Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks |
|---------|----------------|----------------------|---|------|--------------|----------------------|----------------------------------|--------------------------------|-----------------------------|----------|
| | | /Wet Weight (gms) | | | | | | | | |
| 1 | 3rd Floor Slab | 23 | 6 | 2020 | 6Diax12 | 14 | 28.28 | 41 | 3250 | Engraved |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
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| 16 | | | | | | | | | | |

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10385

To: **Engr. Basit Ali**
Premium Engineering (Pvt.) Ltd. Lahore
Project: Namal University Hostels

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 565 Dated: 06-08-20

Your Ref. No. Nil Dated: 04-08-20

COMPRESSION TEST REPORT

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

Specimens received on: 04-08-20 Tested on: 06-08-20 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | Size (in) | Weight (lbs./gms) | Area of X- Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks |
|---------|-------|---------------------|---|------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|--------------|
| | | Wet Weight (gms) | | | | | | | | |
| 1 | | 28 | 7 | 2020 | 6Diax12 | 13.4 | 28.28 | 33 | 2620 | Non Engraved |
| 2 | | 28 | 7 | 2020 | 6Diax12 | 13.4 | 28.28 | 31 | 2460 | Non Engraved |
| 3 | | 28 | 7 | 2020 | 6Diax12 | 13.2 | 28.28 | 37 | 2940 | Non Engraved |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
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| 16 | | | | | | | | | | |

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