



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

8248

To: **Engr. Mian Usama Mahmood, Project Engineer**
Dr. AQ Khan Hospital Lahore.

Engr. Aamina

Project: Construction of Dr. AQ Khan Hospital Trust Lahore. (Concrete Grade:M20)

Our Ref. No. CL/CED/ 7634 Dated: 27-03-19

Your Ref. No. DAQKH/013 Dated: 12-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-19 Tested on: 26-03-19 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 | 3000 Psi | 10 | 2 | 2019 | 6Diax12 | 13.6 | 28.28 | 92 | 7290 | Non Engraved |
| 2 | 3000 Psi | 10 | 2 | 2019 | 6Diax12 | 13.6 | 28.28 | 106 | 8400 | Non Engraved |
| End | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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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"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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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8281

To: Mr. Fahad Ahmed, (2000-Civil-824)

Dr. M. Yousaf

Construction Craft Engineers & Contractors. 101 B-1 Punjab Govt. Empl. Housing Soci. Lhr

Project:

Our Ref. No.
CL/CED/

7635

Dated:

27-03-19

Your Ref. No.

Nil

Dated:

18-03-19

COMPRESSION TEST REPORT

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

Specimens received
on:

18-03-19

Tested on:

26-03-19

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 | M-11 | | | 2946 | 8.4x4.1x2.6 | 2514 | 34.44 | 20 | 1310 | 17.89 |
| 2 | M-11 | | | 2868 | 8.4x4.2x2.5 | 2444 | 35.28 | 15 | 960 | 17.34 |
| 3 | M-11 | | | 2852 | 8.3x4.1x2.6 | 2519 | 34.03 | 35 | 2310 | 13.21 |
| 4 | M-11 | | | 3040 | 8.3x4.1x2.6 | 2614 | 34.03 | 22 | 1450 | 16.29 |
| 5 | M-11 | | | 2852 | 8.4x4.1x2.6 | 2588 | 34.44 | 38 | 2480 | 10.2 |
| End | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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** 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

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

8051

Dr. M. Yousaf

To: Asstt: Director (P&E)

WASA, LDA, Lahore (M/S Salam Constt. Co.)

Project: Tender No.P&S/25.01/6021/ Dated:29.01.19 Additional & Alteration / Const. of Quarter

Our Ref. No. CL/CED/ 7636 Dated: 27-03-19

Your Ref. No. AD P&E/2265 Dated: 31-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-02-19 Tested on: 26-03-19 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 | MA | | | | 8.9x4.4x2.9 | 3220 | 39.16 | 38 | 2180 | |
| 2 | MA | | | | 8.9x4.3x2.8 | 3246 | 38.27 | 15 | 880 | |
| 3 | MA | | | | 8.8x4.4x2.9 | 3199 | 38.72 | 35 | 2030 | |
| 4 | MA | | | | 8.9x4.3x2.8 | 3214 | 38.27 | 15 | 880 | |
| 5 | MA | | | | 8.9x4.2x2.9 | 3297 | 37.38 | 42 | 2520 | |
| 6 | MA | | | | 8.8x4.3x2.9 | 3266 | 37.84 | 22 | 1310 | |
| End | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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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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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8126

Dr. M. Yousaf

To: **Mr. Farhan Sajid, Resident Engineer**
MASCON Associates Pvt. Ltd.
Project: Musafir Khana (Thokar Niaz Baig Chowk)

Our Ref. No. CL/CED/ 7637 Dated: 27-03-19

Your Ref. No. MASC-RE/PG/18/5070 Dated: Nil

COMPRESSION TEST REPORT

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

Specimens received on: 20-02-19 Tested on: 26-03-19 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 | S | | | 3697 | 8.9x4.2x2.9 | 3266 | 37.38 | 30 | 1800 | 13.19 |
| 2 | S | | | 3712 | 8.8x4.3x2.8 | 3296 | 37.84 | 32 | 1900 | 12.62 |
| 3 | S | | | 3634 | 8.9x4.4x2.9 | 3297 | 39.16 | 40 | 2290 | 10.22 |
| 4 | S | | | 3759 | 8.9x4.4x2.8 | 3302 | 39.16 | 33 | 1890 | 13.84 |
| 5 | S | | | 3837 | 8.8x4.3x2.9 | 3299 | 37.84 | 23 | 1370 | 16.3 |
| 6 | S | | | 3692 | 8.9x4.2x2.8 | 3269 | 37.38 | 33 | 1980 | 12.93 |
| End | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

8247

To: **Ch. Abdul Ghafoor (Resident Engineer)**

Engr. Aamina

Pakistan Environmental Planning & Architectural consultants (PEPAC) Ltd.

Project: W.W.C Ph-I Adjacent To Sundar Indus. Estate Distt Kasur. Package - R, Hostel Bldg.

Our Ref. No. CL/CED/ 7638 Dated: 27-03-19

Your Ref. No. RE/WWC-K/2019/39-41 Dated: 11-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-19 Tested on: 26-03-19 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 |
|---------|------------------|---------------|-----|------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|----------|
| | | Month | Day | Year | | | | | | |
| 1 | 1st Floor Column | 9 | 2 | 2019 | 6x6x6 | 8.6 | 36 | 86 | 5360 | Engraved |
| 2 | 1st Floor Column | 9 | 2 | 2019 | 6x6x6 | 8.6 | 36 | 66 | 4110 | Engraved |
| 3 | 1st Floor Column | 9 | 2 | 2019 | 6x6x6 | 8.4 | 36 | 94 | 5850 | Engraved |
| End | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

8247

To: **Ch. Abdul Ghafoor (Resident Engineer)**

Engr. Aamina

Pakistan Environmental Planning & Architectural consultants (PEPAC) Ltd.

Project: W.W.C Ph-I Adjacent To Sundar Indus. Estate Distt Kasur. Package - R, Hostel Bldg.

Our Ref. No. CL/CED/ 7639 Dated: 27-03-19

Your Ref. No. RE/WWC-K/2019/42-44 Dated: 12-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-19 Tested on: 26-03-19 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 | 2nd Floor Column | 15 | 2 | 2019 | 6x6x6 | 8.6 | 36 | 92 | 5730 | Non Engraved |
| 2 | 2nd Floor Column | 15 | 2 | 2019 | 6x6x6 | 8.6 | 36 | 88 | 5480 | Non Engraved |
| 3 | 2nd Floor Column | 15 | 2 | 2019 | 6x6x6 | 8.5 | 36 | 74 | 4610 | Non Engraved |
| End | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

8280

To: **Ch. Abdul Ghafoor (Resident Engineer)**

Engr. Aamina

Pakistan Environmental Planning & Architectural consultants (PEPAC) Ltd.

Project: W.W.C Ph-I Adjacent To Sundar Indus.Estate Distt Kasur. Package - Q, Block-Q76/02

Our Ref. No. CL/CED/ 7640 Dated: 27-03-19

Your Ref. No. RE/PEPACWWC-K/19/Q-36 Dated: 15-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-03-19 Tested on: 26-03-19 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 |
|---------|----------|---------------|-----|------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|--------------|
| | | Month | Day | Year | | | | | | |
| 1 | G.F Slab | 18 | 2 | 2019 | 6x6x6 | 8.6 | 36 | 76 | 4730 | Non Engraved |
| 2 | G.F Slab | 18 | 2 | 2019 | 6x6x6 | 8.6 | 36 | 86 | 5360 | Non Engraved |
| 3 | G.F Slab | 18 | 2 | 2019 | 6x6x6 | 8.5 | 36 | 78 | 4860 | Non Engraved |
| End | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

8280

To: **Ch. Abdul Ghafoor (Resident Engineer)**

Engr. Aamina

Pakistan Environmental Planning & Architectural consultants (PEPAC) Ltd.

Project: W.W.C Ph-I Adjacent To Sundar Indus.Estate Distt Kasur. Package - Q, Block-Q75/03

Our Ref. No. CL/CED/ 7641 Dated: 27-03-19

Your Ref. No. RE/PEPACWWC-K/19/Q-35 Dated: 15-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-03-19 Tested on: 26-03-19 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 |
|---------|-------------|---------------|-----|------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|--------------|
| | | Month | Day | Year | | | | | | |
| 1 | Plinth Beam | 16 | 2 | 2019 | 6x6x6 | 8.4 | 36 | 81 | 5040 | Non Engraved |
| 2 | Plinth Beam | 16 | 2 | 2019 | 6x6x6 | 7.8 | 36 | 63 | 3920 | Non Engraved |
| 3 | Plinth Beam | 16 | 2 | 2019 | 6x6x6 | 8.6 | 36 | 90 | 5600 | Non Engraved |
| End | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

8253

To: **Engr. Rana Faisal Aslam Khan**
H#135, Abu Bakar Block, New Garden Town, Lahore.
Project: 362-J, DHA, Phase-6, Lahore

Dr. Qasim S. Khan

Our Ref. No. CL/CED/ 7642 Dated: 27-03-19
Your Ref. No. Nil Dated: 13-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 13-03-19 Tested on: 27-03-19 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 | G.F. Roof Slab | 13 | 2 | 2019 | 6Diax12 | 13.9 | 28.28 | 47 | 3730 | Non Engraved |
| 2 | G.F. Roof Slab | 13 | 2 | 2019 | 6Diax12 | 13.5 | 28.28 | 52 | 4120 | Non Engraved |
| 3 | G.F. Roof Slab | 13 | 2 | 2019 | 6Diax12 | 14 | 28.28 | 61 | 4840 | Non Engraved |
| End | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8284

To: **Sub Divisional Officer**

Engr. Aamina

Buildings Sub Division C.M Sectt. Lahore

Project: Provision of Security Arrangements in C.M Office at 7-Club Road and 90-SQA, Lahore.

Our Ref. No. CL/CED/

7643

Dated:

27-03-19

Your Ref. No.

SDO/CMS/664

Dated:

08-03-19

COMPRESSION TEST REPORT

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

Specimens received on:

18-03-19

Tested on:

26-03-19

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 |
|---------|-------------|---------------|-----|------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|--------------|
| | | Month | Day | Year | | | | | | |
| 1 | Column/Beam | 10 | 2 | 2019 | 6x6x6 | 8 | 36 | 74 | 4610 | Non Engraved |
| 2 | Column/Beam | 10 | 2 | 2019 | 6x6x6 | 8.2 | 36 | 57 | 3550 | Non Engraved |
| End | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 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



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

8284

Dr. Umbreen

To: **Sub Divisional Officer**

Buildings Sub Division C.M Sectt. Lahore

Project: Provision of Security Arrangements in C.M Office at 7-Club Road and 90-SQA, Lahore.

Our Ref. No.
CL/CED/

7644

Dated:

27-03-19

Your Ref. No.

SDO/CMS/667

Dated:

08-03-19

COMPRESSION TEST REPORT

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

Specimens received

on:

18-03-19

Tested on:

27-03-19

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 | AS | | | 3457 | 8.6x4.3x2.9 | 3054 | 36.98 | 37 | 2250 | 13.19 |
| 2 | AS | | | 3477 | 8.6x4.4x2.9 | 3096 | 37.84 | 45 | 2670 | 12.3 |
| 3 | AS | | | 3518 | 8.7x4.2x2.8 | 3087 | 36.54 | 33 | 2030 | 13.96 |
| End | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 16 | | | | | | | | | | |

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

8139

To: **Ch. Muhammad Hussain (Resident Engineer G-3)**
G3 Engineering Consultants Pvt. Ltd. Lahore
Project: University of Gujrat Narowal Campus, Narowal.

Dr. M. Yousaf

Our Ref. No. CL/CED/ 7645 Dated: 27-03-19

Your Ref. No. G3/UOG/074-2019 Dated: 20-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-19 Tested on: 26-03-19 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 | Brick Tile | | | 1999 | 8.9x4.3x1.5 | 1780 | 38.27 | 38 | 2230 | 12.3 |
| 2 | Brick Tile | | | 2039 | 8.9x4.4x1.5 | 1814 | 39.16 | 38 | 2180 | 12.4 |
| 3 | Brick Tile | | | 2005 | 8.9x4.3x1.5 | 1796 | 38.27 | 40 | 2350 | 11.63 |
| 4 | Brick Tile | | | 1928 | 8.9x4.4x1.5 | 1766 | 39.16 | 60 | 3440 | 9.17 |
| 5 | Brick Tile | | | 2016 | 9x4.3x1.5 | 1789 | 38.7 | 37 | 2150 | 12.68 |
| 6 | Brick Tile | | | 1983 | 8.8x4.4x1.5 | 1799 | 38.72 | 40 | 2320 | 10.22 |
| End | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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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



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

8254

Engr. Aamina

To: **Syed Nabeel Hassan (Resident Engineer)**

NESPAK Pvt. Ltd.

Project: Renovation & Up-Gradation of Lahore Railway Station.

Our Ref. No. CL/CED/ 7646 Dated: 27-03-19

Your Ref. No. 3817/13/07/SNH/052 Dated: 11-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 13-03-19 Tested on: 26-03-19 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 |
|---------|-------|---------------|-----|------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|--------------|
| | | Month | Day | Year | | | | | | |
| 1 | | 2 | 3 | 2019 | 6Dia 12 | 13 | 28.28 | 63 | 5000 | Non Engraved |
| 2 | | 2 | 3 | 2019 | 6Dia 12 | 12.8 | 28.28 | 25 | 1990 | Non Engraved |
| 3 | | 2 | 3 | 2019 | 6Dia 12 | 13 | 28.28 | 63 | 5000 | Non Engraved |
| End | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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supervisor(lab)

Director/Dy. Director Concrete Laboratory