



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

10244
Dr. Mazhar
Saleem

To: Nasir Mahmood Khan (Partner)
N.A. Associates, Lahore

Project: Construction of Commercial Building at Plot N.44-D-1, Gulberg-III, Lahore

Our Ref. No. CL/CED/ 344 Dated: 03-07-20

Your Ref. No. NAA/Bill/44-D-I/25 Dated: 01-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 01-07-20 Tested on: 02-07-20 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 |
|---------|-----------------------|---------------|-----|------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|--------------|
| | | Month | Day | Year | | | | | | |
| 1 | Retaining Wall Part-2 | 23 | 6 | 2020 | 6Diax12 | 13.6 | 28.28 | 41 | 3250 | Non Engraved |
| 2 | Retaining Wall Part-2 | 23 | 6 | 2020 | 6Diax12 | 13.6 | 28.28 | 35 | 2780 | Non Engraved |
| 3 | Retaining Wall Part-2 | 23 | 6 | 2020 | 6Diax12 | 14 | 28.28 | 49 | 3890 | Non Engraved |
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?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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10244

Dr. Mazhar Saleem

To: **Nasir Mahmood Khan (Partner)**

N.A. Associates, Lahore

Project: Construction of Commercial Building at Plot N.44-D-1, Gulberg-III, Lahore

Our Ref. No. CL/CED/

345

Dated:

03-07-20

Your Ref. No.

NAA/Bill/44-D-I/26

Dated:

01-07-20

COMPRESSION TEST REPORT

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

Specimens received on:

01-07-20

Tested on:

02-07-20

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 | R.C.C. Column Part-2 | 20 | 6 | 2020 | 6Diax12 | 13 | 28.28 | 23 | 1830 | Non Engraved |
| 2 | R.C.C. Column Part-2 | 20 | 6 | 2020 | 6Diax12 | 14 | 28.28 | 55 | 4360 | Non Engraved |
| 3 | R.C.C. Column Part-2 | 20 | 6 | 2020 | 6Diax12 | 14 | 28.28 | 33 | 2620 | Non Engraved |
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University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10245

Dr. Mazhar Saleem

To: 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/ 346 Dated: 03-07-20

Your Ref. No. AAA/24A/0015 Dated: 02-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-07-20 Tested on: 02-07-20 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 |
|---------|-------|---------------|-----|------|--------------|----------------------|----------------------------------|--------------------------------|-----------------------------|--------------|
| | | Month | Day | Year | | | | | | |
| 1 | | 3 | 6 | 2020 | 6Diax12 | 14.2 | 28.28 | 69 | 5470 | Non Engraved |
| 2 | | 3 | 6 | 2020 | 6Diax12 | 14.2 | 28.28 | 69 | 5470 | Non Engraved |
| 3 | | 3 | 6 | 2020 | 6Diax12 | 14 | 28.28 | 67 | 5310 | Non Engraved |
| 4 | | 24 | 6 | 2020 | 6Diax12 | 14.6 | 28.28 | 55 | 4360 | Non Engraved |
| 5 | | 24 | 6 | 2020 | 6Diax12 | 14.2 | 28.28 | 53 | 4200 | Non Engraved |
| 6 | | 24 | 6 | 2020 | 6Diax12 | 14 | 28.28 | 57 | 4520 | Non Engraved |
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Phone Nos. 042-99029202, 042-99029217

10241

Dr. Umbreen

To: **Municipal Officer (I&S)**

Municipal Corporation, Sialkot

Project: Rehabilitation/Construction of R.C.C Sewer Line and Tuff Tiles Street Mubarik From Main Road Zafawal Road Towards Mubarik House U/C Pindi Arayan Tehsil & District Sialkot

Our Ref. No. CL/CED/

347

Dated:

03-07-20

Your Ref. No.

MCS/I&S/213

Dated:

15-03-20

COMPRESSION TEST REPORT

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

Specimens received on:

30-06-20

Tested on:

01-07-20

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 | Uni-block Grey | | | 2.4 Thick | 3523 | 37.25 | 150 | 9020 | |
| 2 | Uni-block Grey | | | 2.4 Thick | 3426 | 37.25 | 160 | 9630 | |
| 3 | Uni-block Grey | | | 2.4 Thick | 3388 | 37.25 | 160 | 9630 | |
| 4 | Uni-block Red | | | 2.4 Thick | 3336 | 37.25 | 150 | 9020 | |
| 5 | Uni-block Red | | | 2.4 Thick | 3376 | 37.25 | 158 | 9510 | |
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