



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

10287

Dr. Mazhar Saleem

To: Mr. Husnain Azfar
Meld Design
Project: Sevier Office

Our Ref. No. CL/CED/ 398 Dated: 14-07-20

Your Ref. No. Nil Dated: 09-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-07-20 Tested on: 13-07-20 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 | Solid Block | | 11.8x3.9x7.7 | 12.8 | 46.02 | 20 | 980 | |
| 2 | Solid Block | | 11.8x3.9x7.6 | 12.6 | 46.02 | 41 | 2000 | |
| 3 | Solid Block | | 11.8x3.9x7.7 | 13 | 46.02 | 29 | 1420 | |
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/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

10286

To: Mr. Saqib Riaz (Project Manager)
Rizwan Associates, Islamabad
Project: Swimming Pool (Rcc Wall) Model Town Lahore

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 399 Dated: 14-07-20

Your Ref. No. UET/RA/Site/01-02 Dated: 08-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-07-20 Tested on: 13-07-20 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 | RCC Wall (1:1.5:3) | 11 | 6 | 2020 | 6x6x6 | 8.4 | 36 | 53 | 3300 | Engraved |
| 2 | RCC Wall (1:1.5:3) | 11 | 6 | 2020 | 6x6x6 | 8.6 | 36 | 65 | 4050 | Engraved |
| 3 | RCC Wall (1:1.5:3) | 11 | 6 | 2020 | 6x6x6 | 8.6 | 36 | 45 | 2800 | Engraved |
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Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

10270

Engr. Ubaid

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

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

Project: (LDA Developments), Rehabilitation of Streets Infrastructure Through Provision of PCC and Gully Grating in Block A, B, D, & D2 Youhanabad Lahore (Package-I)

Our Ref. No. CL/CED/ 400 Dated: 14-07-20

Your Ref. No. 4084/103/BSAM/104/43 Dated: 02-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-07-20 Tested on: 14-07-20 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 |
|---------|-------|---------------|---|------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|--------------|
| | | 8 | 6 | 2020 | | | | | | |
| 1 | | 8 | 6 | 2020 | 6Diax12 | 14 | 28.28 | 52 | 4120 | Non Engraved |
| 2 | | 8 | 6 | 2020 | 6Diax12 | 13.2 | 28.28 | 80 | 6340 | Non Engraved |
| 3 | | 8 | 6 | 2020 | 6Diax12 | 13.2 | 28.28 | 63 | 4990 | Non Engraved |
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Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

10290

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/ 401 Dated: 14-07-20

Your Ref. No. AAA/24A/0017 Dated: 10-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 10-07-20 Tested on: 13-07-20 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 | | 11 | 6 | 2020 | 6Diax12 | 14.2 | 28.28 | 37 | 2940 | Non Engraved |
| 2 | | 11 | 6 | 2020 | 6Diax12 | 13.8 | 28.28 | 37 | 2940 | Non Engraved |
| 3 | | 11 | 6 | 2020 | 6Diax12 | 14 | 28.28 | 35 | 2780 | Non Engraved |
| 4 | | 13 | 6 | 2020 | 6Diax12 | 14 | 28.28 | 47 | 3730 | Non Engraved |
| 5 | | 13 | 6 | 2020 | 6Diax12 | 14 | 28.28 | 37 | 2940 | Non Engraved |
| 6 | | 13 | 6 | 2020 | 6Diax12 | 13.8 | 28.28 | 43 | 3410 | Non Engraved |
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Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10295

To: **Shahid Builders (Pvt.) Ltd.**
Lytton Road, Mozang, Lahore

Dr. Mazhar Saleem

Project: Construction of Labard Rehabilitation & Vocational Training Centre, Harbanspura, Lahore

Our Ref. No. CL/CED/ 402 Dated: 14-07-20

Your Ref. No. SBL/2020/7 Dated: 13-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-07-20 Tested on: 13-07-20 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 | Retaining Wall | 27 | 4 | 2020 | 6Diax12 | 14.2 | 28.28 | 57 | 4520 | Non Engraved |
| 2 | Retaining Wall | 27 | 4 | 2020 | 6Diax12 | 14.2 | 28.28 | 68 | 5390 | Non Engraved |
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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

10295

To: **Shahid Builders (Pvt.) Ltd.**
Lytton Road, Mozang, Lahore

Dr. Mazhar Saleem

Project: Construction of Labard Rehabilitation & Vocational Training Centre, Harbanspura, Lahore

Our Ref. No. CL/CED/ 403 Dated: 14-07-20

Your Ref. No. SBL/2020/6 Dated: 13-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-07-20 Tested on: 13-07-20 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 | Lift Wall | 2 | 5 | 2020 | 6Diax12 | 14.2 | 28.28 | 88 | 6970 | Non Engraved |
| 2 | Lift Wall | 2 | 5 | 2020 | 6Diax12 | 14.2 | 28.28 | 94 | 7450 | Non Engraved |
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Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

10291

Dr.Mazhar Saleem

To: **Sub Divisional Officer**

Buildings Sub Division No.15, Lahore

Project: Construction of New Administration Block in The Premises of Lahore High Court Lahore / Columns (Portion-2) in 2nd Floor

Our Ref. No. CL/CED/

404

Dated:

14-07-20

Your Ref. No.

627

Dated:

07-07-20

COMPRESSION TEST REPORT

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

Specimens received on:

10-07-20

Tested on:

13-07-20

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 | (1 : 1.5 : 3) | 8 | 6 | 2020 | 6x6x6 | 9 | 36 | 81 | 5040 | Non Engraved |
| 2 | (1 : 1.5 : 3) | 8 | 6 | 2020 | 6x6x6 | 9 | 36 | 126 | 7840 | Non Engraved |
| 3 | (1 : 1.5 : 3) | 8 | 6 | 2020 | 6x6x6 | 9 | 36 | 144 | 8960 | Non Engraved |
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10292

Dr. Mazhar Saleem

To: **Altaf Hussain (M.E)**

AS Enterprises

Project: Style Textile Raiwind Road (Chak # 65)

Our Ref. No. CL/CED/ 405 Dated: 14-07-20

Your Ref. No. USD/ASE/24 Dated: 10-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 10-07-20 Tested on: 13-07-20 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 | C20 (419-D) | 13 | 6 | 2020 | 6x6x6 | 8.4 | 36 | 67 | 4170 | Non Engraved |
| 2 | C20 (419-E) | 13 | 6 | 2020 | 6x6x6 | 8.2 | 36 | 92 | 5730 | Non Engraved |
| 3 | C20 (419-F) | 13 | 6 | 2020 | 6x6x6 | 8.4 | 36 | 88 | 5480 | Non Engraved |
| 4 | C30 (420-D) | 13 | 6 | 2020 | 6x6x6 | 8.4 | 36 | 112 | 6970 | Non Engraved |
| 5 | C30 (420-E) | 13 | 6 | 2020 | 6x6x6 | 8 | 36 | 86 | 5360 | Non Engraved |
| 6 | C30 (420-F) | 13 | 6 | 2020 | 6x6x6 | 8.6 | 36 | 132 | 8220 | Non Engraved |
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Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

10293

Dr. Mazhar Saleem

To: Muhammad Saleem (GM)
Professional Construction Services (pvt.) Ltd. Lahore
Project: Construction of Nutribel Pvt. Ltd. At Sunder Industrial Estate Lahore (Footing)

Our Ref. No. CL/CED/ 406 Dated: 14-07-20

Your Ref. No. PCS/20/Eng-38-C Dated: 10-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 10-07-20 Tested on: 13-07-20 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 | F/5~6 or F-8,7,4 | 10 | 6 | 2020 | 6x6x6 | 8.4 | 36 | 73 | 4550 | Non Engraved |
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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

10293

To: Muhammad Saleem (GM)
Professional Construction Services (pvt.) Ltd. Lahore
Project: Construction of Nutribel Pvt. Ltd. At Sunder Industrial Estate Lahore (Footing)

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 407 Dated: 14-07-20

Your Ref. No. PCS/20/Eng-38-B Dated: 07-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 10-07-20 Tested on: 13-07-20 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 | F/5~6 or F-8,7,4 | 10 | 6 | 2020 | 6x6x6 | 8.4 | 36 | 114 | 7100 | Non Engraved |
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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" 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

10293
Dr. Mazhar
Saleem

To: Muhammad Saleem (GM)
Professional Construction Services (pvt.) Ltd. Lahore
Project: Construction of Nutribel Pvt. Ltd. At Sunder Industrial Estate Lahore (Footing)

Our Ref. No. CL/CED/ 408 Dated: 14-07-20

Your Ref. No. PCS/20/Eng-38-A Dated: 10-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 10-07-20 Tested on: 13-07-20 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 | F/5~6 or F-8,7,4 | 10 | 6 | 2020 | 6x6x6 | 8.4 | 36 | 118 | 7350 | Non Engraved |
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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" 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

10293

Dr.Mazhar Saleem

To: Muhammad Saleem (GM)
Professional Construction Services (pvt.) Ltd. Lahore
Project: Construction of Nutribel Pvt. Ltd. At Sunder Industrial Estate Lahore (Footing)

Our Ref. No. CL/CED/ 409 Dated: 14-07-20

Your Ref. No. PCS/20/Eng-38-D Dated: 10-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 10-07-20 Tested on: 13-07-20 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 | F/5~6 or F-8,7,4 | 10 | 6 | 2020 | 6x6x6 | 8.4 | 36 | 106 | 6600 | Non Engraved |
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departament?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

10298

Engr. Ubaid

To: **M. Furqan (Project Manager)**
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK Site ID-52523, (Column / BTS PAD)

Our Ref. No. CL/CED/ 410 Dated: 14-07-20

Your Ref. No. CME/Cubes/CMPAK/617 Dated: 09-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-07-20 Tested on: 14-07-20 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 | (1 : 1.5 : 3) | 2 | 7 | 2020 | 6x6x6 | 8.2 | 36 | 100 | 6230 | Non Engraved |
| 2 | (1 : 1.5 : 3) | 2 | 7 | 2020 | 6x6x6 | 8.1 | 36 | 104 | 6480 | Non Engraved |
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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" 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

10298
Engr. Ubaid

To: **Imran Akhtar (Project Manager)**
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK Site ID-43096, (Column)

Our Ref. No. CL/CED/ 411 Dated: 14-07-20

Your Ref. No. CME/Cubes/CMPAK/609 Dated: 09-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-07-20 Tested on: 14-07-20 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 | (1 : 1.5 : 3) | 2 | 7 | 2020 | 6x6x6 | 8.3 | 36 | 112 | 6970 | Non Engraved |
| 2 | (1 : 1.5 : 3) | 2 | 7 | 2020 | 6x6x6 | 8.8 | 36 | 120 | 7470 | Non Engraved |
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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" 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

10298
Engr. Ubaid

To: **Imran Akhtar (Project Manager)**
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK Site ID-43096, (Raft Foundation)

Our Ref. No. CL/CED/ 412 Dated: 14-07-20

Your Ref. No. CME/Cubes/CMPAK/608 Dated: 08-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-07-20 Tested on: 14-07-20 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 | (1 : 1.5 : 3) | 1 | 7 | 2020 | 6x6x6 | 8.4 | 36 | 96 | 5980 | Non Engraved |
| 2 | (1 : 1.5 : 3) | 1 | 7 | 2020 | 6x6x6 | 8.8 | 36 | 126 | 7840 | Non Engraved |
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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" 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

10298
Engr. Ubaid

To: **M. Furqan (Project Manager)**
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK Site ID-52523, (Raft Foundation)

Our Ref. No. CL/CED/ 413 Dated: 14-07-20
Your Ref. No. CME/Cubes/CMPAK/616 Dated: 07-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-07-20 Tested on: 14-07-20 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 | (1 : 1.5 : 3) | 30 | 6 | 2020 | 6x6x6 | 8.6 | 36 | 124 | 7720 | Non Engraved |
| 2 | (1 : 1.5 : 3) | 30 | 6 | 2020 | 6x6x6 | 8.2 | 36 | 102 | 6350 | Non Engraved |
| 3 | | | | | | | | | | |
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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" 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

10298
Engr. Ubaid

To: **M. Furqan (Project Manager)**
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK Site ID-52587, (Drill Pier / BTS PAD)

Our Ref. No. CL/CED/ 414 Dated: 14-07-20

Your Ref. No. CME/Cubes/CMPAK/618 Dated: 10-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-07-20 Tested on: 14-07-20 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 | (1 : 1.5 : 3) | 3 | 7 | 2020 | 6x6x6 | 8.4 | 36 | 89 | 5540 | Non Engraved |
| 2 | (1 : 1.5 : 3) | 3 | 7 | 2020 | 6x6x6 | 8.2 | 36 | 88 | 5480 | Non Engraved |
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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)

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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