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


1299

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3268 Dated: 01-06-21

Your Ref. No. IHPL/Con/272 Dated: 26-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 28-05-21 Tested on: 31-05-2021 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 | 4(8000) Psi | 29 | 4 | 2021 | 6Diax12 | 14.4 | 28.28 | 108 | 8560 | Non Engraved |
| 2 | 5(8000) Psi | 29 | 4 | 2021 | 6Diax12 | 15.2 | 28.28 | 110 | 8720 | Non Engraved |
| 3 | 6(8000) Psi | 29 | 4 | 2021 | 6Diax12 | 13.6 | 28.28 | 102 | 8080 | 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"diax12" cylinder) strength at 28 days as comprerssive 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


1299

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3269 Dated: 01-06-21

Your Ref. No. IHPL/Con/270 Dated: 26-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 28-05-21 Tested on: 31-05-2021 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 | 10(4000) Psi | 28 | 4 | 2021 | 6Diax12 | 14 | 28.28 | 63 | 4990 | Non Engraved |
| 2 | 11(4000) Psi | 28 | 4 | 2021 | 6Diax12 | 14.2 | 28.28 | 61 | 4840 | Non Engraved |
| 3 | 13(4000) Psi | 28 | 4 | 2021 | 6Diax12 | 14.2 | 28.28 | 57 | 4520 | 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


1295

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3270 Dated: 01-06-21

Your Ref. No. IHPL/Con/268 Dated: 26-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 27-05-21 Tested on: 31-05-2021 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 | (8000) Psi | 17 | 3 | 2021 | 6Diax12 | 13.4 | 28.28 | 122 | 9670 | Non Engraved |
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Phone Nos. 042-99029202, 042-99029217


1295

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3271 Dated: 01-06-21

Your Ref. No. IHPL/Con/269 Dated: 26-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 27-05-21 Tested on: 31-05-2021 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 | (8000) Psi | 27 | 3 | 2021 | 6Diax12 | 14.2 | 28.28 | 102 | 8080 | Non Engraved |
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1295

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3272 Dated: 01-06-21

Your Ref. No. IHPL/Con/266 Dated: 26-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 27-05-21 Tested on: 31-05-2021 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 | (8000) Psi | 3 | 4 | 2021 | 6Diax12 | 14.4 | 28.28 | 122 | 9670 | Non Engraved |
| 2 | 6(8000) Psi | 3 | 4 | 2021 | 6Diax12 | 14.6 | 28.28 | 130 | 10300 | Non Engraved |
| 3 | 1(8000) Psi | 3 | 4 | 2021 | 6Diax12 | 14.2 | 28.28 | 126 | 9980 | Non Engraved |
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Phone Nos. 042-99029202, 042-99029217


1295

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3273 Dated: 01-06-21

Your Ref. No. IHPL/Con/265 Dated: 26-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 27-05-21 Tested on: 31-05-2021 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 | 8(4000) Psi | 28 | 3 | 2021 | 6Diax12 | 13.2 | 28.28 | 47 | 3730 | Non Engraved |
| 2 | 7(4000) Psi | 28 | 3 | 2021 | 6Diax12 | 13 | 28.28 | 41 | 3250 | Non Engraved |
| 3 | (4000) Psi | 28 | 3 | 2021 | 6Diax12 | 13 | 28.28 | 43 | 3410 | Non Engraved |
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Phone Nos. 042-99029202, 042-99029217


1295

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3274 Dated: 01-06-21

Your Ref. No. IHPL/Con/265 Dated: 26-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 27-05-21 Tested on: 31-05-2021 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 | (8000) Psi | 20 | 3 | 2021 | 6Diax12 | 13.8 | 28.28 | 118 | 9350 | Non Engraved |
| 2 | (8000) Psi | 20 | 3 | 2021 | 6Diax12 | 14 | 28.28 | 106 | 8400 | Non Engraved |
| 3 | (8000) Psi | 20 | 3 | 2021 | 6Diax12 | 14 | 28.28 | 130 | 10300 | Non Engraved |
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1295

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3275 Dated: 01-06-21

Your Ref. No. IHPL/Con/267 Dated: 26-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 27-05-21 Tested on: 31-05-2021 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 | (8000) Psi | 24 | 3 | 2021 | 6Diax12 | 14.4 | 28.28 | 130 | 10300 | Non Engraved |
| 2 | (8000) Psi | 24 | 3 | 2021 | 6Diax12 | 14.4 | 28.28 | 114 | 9030 | Non Engraved |
| 3 | (8000) Psi | 24 | 3 | 2021 | 6Diax12 | 14 | 28.28 | 130 | 10300 | Non Engraved |
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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


1263

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3276 Dated: 01-06-21

Your Ref. No. IHPL/Con/255 Dated: 20-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 24-05-21 Tested on: 31-05-2021 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 | 9(8000) Psi | 21 | 4 | 2021 | 6Diax12 | 14 | 28.28 | 73 | 5790 | Non Engraved |
| 2 | 7(8000) Psi | 21 | 4 | 2021 | 6Diax12 | 13.8 | 28.28 | 77 | 6100 | Non Engraved |
| 3 | 5(8000) Psi | 21 | 4 | 2021 | 6Diax12 | 14 | 28.28 | 79 | 6260 | Non Engraved |
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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


1263

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3277 Dated: 01-06-21

Your Ref. No. IHPL/Con/258 Dated: 20-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 24-05-21 Tested on: 31-05-2021 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 | 11(4000) Psi | 22 | 4 | 2021 | 6Diax12 | 14.2 | 28.28 | 43 | 3410 | Non Engraved |
| 2 | 10(4000) Psi | 22 | 4 | 2021 | 6Diax12 | 13.8 | 28.28 | 60 | 4760 | Non Engraved |
| 3 | 18(8000) Psi | 22 | 4 | 2021 | 6Diax12 | 14 | 28.28 | 96 | 7610 | Non Engraved |
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**supervisor(lab)** **Director/Dy. Director Concrete Laboratory**

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## Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217


1263

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3278 Dated: 01-06-21

Your Ref. No. IHPL/Con/257 Dated: 20-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 24-05-21 Tested on: 31-05-2021 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 | 8(8000) Psi | 22 | 4 | 2021 | 6Diax12 | 14.4 | 28.28 | 90 | 7130 | Non Engraved |
| 2 | 9(8000) Psi | 22 | 4 | 2021 | 6Diax12 | 14.6 | 28.28 | 88 | 6970 | Non Engraved |
| 3 | 3(8000) Psi | 22 | 4 | 2021 | 6Diax12 | 14.2 | 28.28 | 102 | 8080 | 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"diax12" cylinder) strength at 28 days as comprerssive 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


1263

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3279 Dated: 01-06-21

Your Ref. No. IHPL/Con/256 Dated: 20-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 24-05-21 Tested on: 31-05-2021 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 | 10(4000) Psi | 21 | 4 | 2021 | 6Diax12 | 14.4 | 28.28 | 92 | 7290 | Non Engraved |
| 2 | 12(4000) Psi | 21 | 4 | 2021 | 6Diax12 | 14 | 28.28 | 90 | 7130 | Non Engraved |
| 3 | 11(4000) Psi | 21 | 4 | 2021 | 6Diax12 | 14 | 28.28 | 94 | 7450 | 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"diax12" cylinder) strength at 28 days as comprerssive 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


1263

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3280 Dated: 01-06-21

Your Ref. No. IHPL/Con/259 Dated: 20-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 24-05-21 Tested on: 31-05-2021 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 | 2(8000) Psi | 23 | 4 | 2021 | 6Diax12 | 14 | 28.28 | 83 | 6580 | Non Engraved |
| 2 | 5(8000) Psi | 23 | 4 | 2021 | 6Diax12 | 14.8 | 28.28 | 104 | 8240 | Non Engraved |
| 3 | 8(8000) Psi | 23 | 4 | 2021 | 6Diax12 | 16 | 28.28 | 106 | 8400 | 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"diax12" cylinder) strength at 28 days as comprerssive 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


1263

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3281 Dated: 01-06-21

Your Ref. No. IHPL/Con/260 Dated: 20-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 24-05-21 Tested on: 31-05-2021 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 | 13(4000) Psi | 23 | 4 | 2021 | 6Diax12 | 14 | 28.28 | 65 | 5150 | Non Engraved |
| 2 | 15(4000) Psi | 23 | 4 | 2021 | 6Diax12 | 14 | 28.28 | 49 | 3890 | Non Engraved |
| 3 | 17(4000) Psi | 23 | 4 | 2021 | 6Diax12 | 14.2 | 28.28 | 53 | 4200 | 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"diax12" cylinder) strength at 28 days as comprerssive 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


1263

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3282 Dated: 01-06-21

Your Ref. No. IHPL/Con/261 Dated: 20-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 24-05-21 Tested on: 31-05-2021 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 | 2(8000) Psi | 24 | 4 | 2021 | 6Diax12 | 14 | 28.28 | 86 | 6820 | Non Engraved |
| 2 | 5(8000) Psi | 24 | 4 | 2021 | 6Diax12 | 14 | 28.28 | 88 | 6970 | Non Engraved |
| 3 | 8(8000) Psi | 24 | 4 | 2021 | 6Diax12 | 14 | 28.28 | 85 | 6740 | 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"diax12" cylinder) strength at 28 days as comprerssive 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


1263

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3283 Dated: 01-06-21

Your Ref. No. IHPL/Con/262 Dated: 20-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 24-05-21 Tested on: 31-05-2021 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 | 13(4000) Psi | 24 | 4 | 2021 | 6Diax12 | 14 | 28.28 | 57 | 4520 | Non Engraved |
| 2 | 15(4000) Psi | 24 | 4 | 2021 | 6Diax12 | 13.8 | 28.28 | 57 | 4520 | Non Engraved |
| 3 | 17(4000) Psi | 24 | 4 | 2021 | 6Diax12 | 14.2 | 28.28 | 59 | 4680 | 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"diax12" cylinder) strength at 28 days as comprerssive 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


1263

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3284 Dated: 01-06-21

Your Ref. No. IHPL/Con/262 Dated: 20-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 24-05-21 Tested on: 31-05-2021 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 | 15(4000) Psi | 24 | 4 | 2021 | 6Diax12 | 14 | 28.28 | 57 | 4520 | Non Engraved |
| 2 | #REF! | 24 | 4 | 2021 | 6Diax12 | 13.8 | 28.28 | 57 | 4520 | Non Engraved |
| 3 | 17(4000) Psi | 24 | 4 | 2021 | 6Diax12 | 14.2 | 28.28 | 59 | 4680 | 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"diax12" cylinder) strength at 28 days as comprerssive 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


1263

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3285 Dated: 01-06-21

Your Ref. No. IHPL/Con/263 Dated: 20-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 24-05-21 Tested on: 31-05-2021 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 | 5(4000) Psi | 26 | 4 | 2021 | 6Diax12 | 14.2 | 28.28 | 90 | 7130 | Non Engraved |
| 2 | #REF! | 26 | 4 | 2021 | 6Diax12 | 14 | 28.28 | 98 | 7770 | Non Engraved |
| 3 | 8(4000) Psi | 26 | 4 | 2021 | 6Diax12 | 14.4 | 28.28 | 92 | 7290 | 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"diax12" cylinder) strength at 28 days as comprerssive 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


1299

**To:** **Mr. M. Shahbaz** Dr. Mazar
**M/s Imperium Hospitality (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3286 Dated: 01-06-21

Your Ref. No. IHPL/Con/271 Dated: 26-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 28-05-21 Tested on: 31-05-2021 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 | 4(8000) Psi | 28 | 4 | 2021 | 6Diax12 | 14.4 | 28.28 | 83 | 6580 | Non Engraved |
| 2 | 5(8000) Psi | 28 | 4 | 2021 | 6Diax12 | 14.2 | 28.28 | 98 | 7770 | Non Engraved |
| 3 | 6(8000) Psi | 28 | 4 | 2021 | 6Diax12 | 13.6 | 28.28 | 96 | 7610 | 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"diax12" cylinder) strength at 28 days as comprerssive 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


1208

**To:** **Sub Divisional Officer (Buildings)** Dr. Mazhar
**Sub Division Ferozewala**
**Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore (ADP No. 3271/2020-21) (Group No.1)**

Our Ref. No. CL/CED/ 3287 Dated: 01-06-21

Your Ref. No. 1016/F Dated: 20-04-21

# COMPRESSION TEST REPORT

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

Specimens received on: 05-05-21 Tested on: 31-05-2021 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 | S | | 8.8x4.4x3.0 | 3325 | 38.72 | 43 | 2490 | |
| 2 | S | | 8.9x4.4x3.0 | 3340 | 39.16 | 41 | 2350 | |
| 3 | S | | 9.0x4.5x3.0 | 3350 | 40.5 | 49 | 2710 | |
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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 comprerssive 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


1208

**To:** **Sub Divisional Officer (Buildings)** Dr. Mazhar
**Sub Division Ferozewala**
**Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore (ADP No. 3271/2020-21) (Group No.1)**

Our Ref. No. CL/CED/ 3288 Dated: 01-06-21

Your Ref. No. 1024/F Dated: 28-04-21

# COMPRESSION TEST REPORT

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

Specimens received on: 05-05-21 Tested on: 31-05-21 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 | PSK | | 8.8x4.3x3.0 | 3323 | 37.84 | 51 | 3020 | |
| 2 | PSK | | 8.9x4.5x3.0 | 3335 | 38.27 | 59 | 3460 | |
| 3 | PSK | | 8.9x4.3x3.1 | 3378 | 38.27 | 53 | 3110 | |
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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 comprerssive 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


1208

**To:** **Sub Divisional Officer (Buildings)** Dr. Mazhar
**Sub Division Ferozewala**
**Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore (ADP No. 3271/2020-21) (Group No.1)**

Our Ref. No. CL/CED/ 3289 Dated: 01-06-21

Your Ref. No. 1032/F Dated: 03-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 05-05-21 Tested on: 31-05-21 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 | 2S5 | | | | 8.7x4.3x3.0 | 3190 | 37.21 | 53 | 3200 | |
| 2 | 2S5 | | | | 8.9x4.4x3.1 | 3332 | 39.16 | 45 | 2580 | |
| 3 | 2S5 | | | | 8.9x4.4x3.1 | 3262 | 39.16 | 35 | 2010 | |
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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 comprerssive 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


1203

**To:** **Mr. Ehsan-Ullah-Saad (Project Manager)** Dr. Mazhar
**Zaheer Associates, Lahore**
**Project: Punjab College in Al-Rehman Garden Ph-II Lahore**

Our Ref. No. CL/CED/ 3290 Dated: 01-06-21

Your Ref. No. Z.A/A.R/16.21 Dated: 24-04-21

# COMPRESSION TEST REPORT

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

Specimens received on: 05-05-21 Tested on: 31-05-21 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 | HB | | | | 8.5x4.1x2.9 | 3239 | 34.85 | 37 | 2380 | |
| 2 | HB | | | | 8.6x4.2x2.9 | 3246 | 36.12 | 59 | 3660 | |
| 3 | HB | | | | 8.6x4.3x2.9 | 3226 | 36.98 | 57 | 3460 | |
| 4 | HB | | | | 8.7x4.3x2.8 | 3265 | 37.41 | 47 | 2820 | |
| 5 | HB | | | | 8.5x4.2x2.9 | 3252 | 35.7 | 77 | 4840 | |
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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 comprerssive 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


1153

**To:** **Syed Taswaur Hussain Naqvi (Assistant Executive Engineer)** Dr. Mazhar
**CCD, Pak. PWD Gujranwala**
**Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhupura, Phase-I (Sh: Admin Block)**

Our Ref. No. CL/CED/ 3291 Dated: 01-06-21

Your Ref. No. AEE-III/CCD/GA/Work/ NHMP/P-I/Lab/9 Dated: 03-02-21

# COMPRESSION TEST REPORT

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

Specimens received on: 28-04-21 Tested on: 31-05-21 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 | H1 | | 8.7x4.3x2.9 | 3214 | 37.41 | 43 | 2580 | |
| 2 | H1 | | 8.6x4.2x2.8 | 3002 | 36.12 | 57 | 3540 | |
| 3 | H1 | | 8.8x4.3x2.9 | 3312 | 37.84 | 51 | 3020 | |
| 4 | H1 | | 8.6x4.1x2.8 | 3079 | 35.26 | 35 | 2230 | |
| 5 | H1 | | 8.7x4.2x2.9 | 3108 | 36.54 | 40 | 2460 | |
| 6 | H1 | | 8.6x4.1x2.8 | 2814 | 35.26 | 37 | 2360 | |
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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 comprerssive 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


1214

**To: Brig. Saeed Ahmed Malik (SI M, R) (Resident Engineer)** Dr. Mazhar
**H&TE Div., Nespak (Pvt.) Ltd. Lahore.**
**Project: Metropolitan Corporation Lahore (MCL Projects), Rehabilitation of Roads and Streets of UC 57, 58, 61, 62, 63, 64, 65, 67 PP-149**

Our Ref. No. CL/CED/ 3292 Dated: 01-06-21

Your Ref. No. 4084/103/BSAM/104/395 Dated: 26-04-21

# COMPRESSION TEST REPORT

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

Specimens received on: 06-05-21 Tested on: 31-05-21 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 | S | | 8.6x4.1x2.9 | 3123 | 35.26 | 53 | 3370 | |
| 2 | S | | 8.9x4.2x3.0 | 3183 | 37.38 | 59 | 3540 | |
| 3 | S | | 8.9x4.1x2.9 | 3219 | 36.49 | 63 | 3870 | |
| 4 | S | | 8.7x4.2x2.9 | 3076 | 36.54 | 47 | 2890 | |
| 5 | S | | 8.6x4.2x3.0 | 3147 | 36.12 | 53 | 3290 | |
| 6 | S | | 8.5x4.1x3.0 | 2940 | 34.85 | 61 | 3930 | |
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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 comprerssive 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


1220

**To:** **Col (R) Raza Riasat (Resident Engineer)** Dr. Mazhar
**New Vision Engineering Consultant, Lahore**
**Project: Establishment of Genome Center at Virtual University Kala Shah Kaku**

Our Ref. No. CL/CED/ 3293 Dated: 01-06-21

Your Ref. No. NVEC/RE/VU/2021/28 Dated: 17-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 17-05-21 Tested on: 31-05-21 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 | Machine Made (Double Line) | | 8.8x4.3x2.8 | 2898 | 37.84 | 67 | 3970 | |
| 2 | Machine Made (Double Line) | | 8.9x4.4x2.9 | 3008 | 39.16 | 57 | 3260 | |
| 3 | Machine Made (Double Line) | | 8.8x4.4x2.8 | 2839 | 38.72 | 49 | 2840 | |
| 4 | Machine Made (Double Line) | | 8.8x4.3x2.9 | 2987 | 37.84 | 57 | 3380 | |
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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 comprerssive 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


1239

**To:** **Sub Divisional Officer** Dr. Mazhar
**Buildinds Sub Division No.6, Lahore**
**Project: Repair and Renovation of Board Revenue Punjab Lahore (Farid Kot House)**

Our Ref. No. CL/CED/ 3294 Dated: 01-06-21

Your Ref. No. 135/Sd-6th Dated: 23-04-21

# COMPRESSION TEST REPORT

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

Specimens received on: 20-05-21 Tested on: 31-05-21 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 | AK | | | | 8.6x4.2x3.0 | 3191 | 36.12 | 88 | 5460 | |
| 2 | AK | | | | 8.6x4.3x3.0 | 3286 | 36.98 | 53 | 3210 | |
| 3 | AK | | | | 8.7x4.3x3.0 | 3228 | 37.41 | 55 | 3300 | |
| 4 | AK | | | | 8.7x4.3x3.0 | 3196 | 37.41 | 57 | 3420 | |
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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 comprerssive 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


1247

**To:** **Mr. Muhammad Khalid Zaman (Resident Engineer)** Dr. Mazhar
**Engineering Consultancy Services Punjab (Pvt.) Ltd., Lahore (M/s Progressive International)**
**Project: Supply, Construction, Installation of Water Filtration Plants & Direct Supply in Lahore Division.**

Our Ref. No. CL/CED/ 3295 Dated: 01-06-21

Your Ref. No. ECSP/PAPA/CZ-LHR-11 Dated: 20-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 21-05-21 Tested on: 31-05-21 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 | PAK | | 8.9x4.4x2.9 | 3323 | 39.16 | 73 | 4180 | |
| 2 | PAK | | 8.9x4.3x2.9 | 3372 | 38.27 | 47 | 2760 | |
| 3 | PAK | | 8.9x4.3x3.0 | 3374 | 38.27 | 51 | 2990 | |
| 4 | PAK | | 9.0x4.3x2.9 | 3320 | 38.7 | 49 | 2840 | |
| 5 | PAK | | 9.0x4.3x2.9 | 3453 | 38.7 | 49 | 2840 | |
| 6 | PAK | | 8.8x4.3x3.0 | 3358 | 37.84 | 49 | 2910 | |
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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 comprerssive 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


1247

**To:** **Mr. Muhammad Khalid Zaman (Resident Engineer)** Dr. Mazhar
**Engineering Consultancy Services Punjab (Pvt.) Ltd., Lahore (M/s Progressive International)**
**Project: Supply, Construction, Installation of Water Filtration Plants & Direct Supply in Lahore Division.**

Our Ref. No. CL/CED/ 3296 Dated: 01-06-21

Your Ref. No. ECSP/PAPA/CZ-LHR-12 Dated: 20-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 21-05-21 Tested on: 31-05-21 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 | SR | | 8.9x4.3x3.0 | 3190 | 38.27 | 39 | 2290 | |
| 2 | SR | | 8.8x4.3x3.0 | 3089 | 37.84 | 35 | 2080 | |
| 3 | SR | | 8.9x4.3x2.8 | 3084 | 38.27 | 37 | 2170 | |
| 4 | SR | | 8.8x4.3x3.1 | 3111 | 37.84 | 63 | 3730 | |
| 5 | SR | | 8.9x4.3x3.0 | 3073 | 38.27 | 41 | 2400 | |
| 6 | SR | | 8.8x4.3x2.9 | 3064 | 37.84 | 43 | 2550 | |
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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 comprerssive 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


1276

**To:** **Sub Divisional Officer** Dr. Mazhar
**Maintenance Sub Division No.3, GOR-II, Lahore**
**Project: Construction of Multi-Storey Flats / Suites for Officers of P&D and S&GAD in GOR-III, Shadman, Lahore**

Our Ref. No. CL/CED/ 3297 Dated: 01-06-21

Your Ref. No. 246Sd/GOR-III,Lhr Dated: 25-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 25-05-21 Tested on: 31-05-21 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 | AF | | 8.8x4.3x3.0 | 3295 | 37.84 | 59 | 3500 | |
| 2 | AF | | 8.9x4.3x3.0 | 3292 | 38.27 | 51 | 2990 | |
| 3 | AF | | 8.9x4.3x3.0 | 3322 | 38.27 | 39 | 2290 | |
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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 comprerssive 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


1213

**To:** **Sub Divisional Officer** Dr. Mazhar
**Buildings Sub Division No.9, Lahore**
**Project: Construction of Provincial Police Lines Highway Patrol at Jia Bagga Lahore**

Our Ref. No. CL/CED/ 3298 Dated: 01-06-21

Your Ref. No. 134/9th Dated: 26-04-21

# COMPRESSION TEST REPORT

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

Specimens received on: 06-05-21 Tested on: 31-05-21 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 | 3 8 | | 8.8x4.4x3.0 | 3411 | 38.72 | 61 | 3530 | |
| 2 | 3 8 | | 8.8x4.4x3.0 | 3314 | 38.72 | 63 | 3650 | |
| 3 | 3 8 | | 8.9x4.4x3.0 | 3288 | 39.16 | 83 | 4750 | |
| 4 | 3 8 | | 8.9x4.3x3.0 | 3293 | 38.27 | 49 | 2870 | |
| 5 | 3 8 | | 8.8x4.4x3.0 | 3348 | 38.72 | 63 | 3650 | |
| 6 | 3 8 | | 8.9x4.3x3.0 | 3372 | 38.27 | 55 | 3220 | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |

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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


1306

**To:** **Mr. Ghulam Fareed** Dr. Mazar
**M/s Imperium Developers (Pvt.) Ltd. Lahore.**
**Project: Nil**

Our Ref. No. CL/CED/ 3299 Dated: 01-06-21

Your Ref. No. Nil Dated: 31-05-21

# COMPRESSION TEST REPORT

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

Specimens received on: 31-05-21 Tested on: 01-06-21 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 | | 24 | 5 | 2021 | 6Diax12 | 13.4 | 28.28 | 41 | 3250 | Non Engraved |
| 2 | | 24 | 5 | 2021 | 6Diax12 | 13.2 | 28.28 | 39 | 3090 | Non Engraved |
| 3 | | 24 | 5 | 2021 | 6Diax12 | 13.2 | 28.28 | 39 | 3090 | Non Engraved |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
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| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |

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**supervisor(lab)** **Director/Dy. Director Concrete Laboratory**