



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

8431

To: **Muhammad Rizwan Mirza** Dr. Umbreen
EMCON Engineers & Contractors, Garden Town Gulshan Street Near Ajmal Garden Sialkot.
Project: City Public School Building at Jail Road Sialkot. (Roof Floor Over Head Water Tank Walls)

Our Ref. No. CL/CED/ 7805 Dated: 11-04-19
Your Ref. No. Nil Dated: 10-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 10-04-19 Tested on: 10-04-19 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 | RCC 1:2:4 | 4 | 3 | 2019 | 6x6x6 | 8 | 36 | 81 | 5040 | Non Engraved |
| 2 | RCC 1:2:4 | 4 | 3 | 2019 | 6x6x6 | 8.2 | 36 | 61 | 3800 | Non Engraved |
| 3 | RCC 1:2:4 | 4 | 3 | 2019 | 6x6x6 | 8.3 | 36 | 85 | 5290 | Non Engraved |
| END | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?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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To: Mr. Abid Naeem, G.M-Contracts and Procurement
Mughals Imperial Pvt. Ltd. 245/2-U, Block 6, P.E.C.H.S., Karachi.
Project: Construction of Danish Iqbal House at 75-E Munir Road, Lahore.

8382
Dr. Rizwan Azam

Our Ref. No. CL/CED/ 7806 Dated: 11-04-19
Your Ref. No. 786/MIL-0024/020402/2019 Dated: 02-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 02-04-19 Tested on: 11-04-19 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 | Swim. Pool Found. | 2 | 3 | 2019 | 6Diax12 | 14 | 28.28 | 88 | 6980 | Non Engraved |
| 2 | Swim. Pool Found. | 2 | 3 | 2019 | 6Diax12 | 14 | 28.28 | 94 | 7450 | Non Engraved |
| END | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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To: Lt. Col ® (Mir Muhammad Tanveer), Dir MRM&D
LGES Sectt Tufail Road Lahore Cantt.
Project: Construction of Garrison Academy Walton Cantt. (Innovative Company)

8427
Engr. Aamina

Our Ref. No. CL/CED/ 7807 Dated: 11-04-19
Your Ref. No. LGES/MRM & D/53 Dated: 09-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 09-04-19 Tested on: 09-04-19 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 | Rectangular Grey | | | | 7.8x3.8x2.2 | 2750 | 29.64 | 88 | 6660 | |
| 2 | Rectangular Grey | | | | 7.8x3.8x2.2 | 2764 | 29.64 | 75 | 5670 | |
| 3 | Rectangular Grey | | | | 7.8x3.8x2.2 | 2756 | 29.64 | 83 | 6280 | |
| END | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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8436

To: Hafiz Mahmood UI Hassan, General Manager
D-Mix Concrete Products. DHA Phase-9, Lahore Cantt.
Project: Nabeel Builders

Dr. Rizwan Azam

Our Ref. No. CL/CED/ 7808 Dated: 11-04-19
Your Ref. No. Nil Dated: 11-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 11-04-19 Tested on: 11-04-19 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 | Slab | 30 | 3 | 2019 | 6Diax12 | 13.4 | 28.28 | 51 | 4040 | Non Engraved |
| 2 | Slab | 30 | 3 | 2019 | 6Diax12 | 13.6 | 28.28 | 53 | 4200 | Non Engraved |
| END | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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8411

To: Engr. Rashid M. Qureshi, Resident Engineer
PMU, Sports Board Punjab, Lahore. AZ Engineering Associates.207-Scotch Corner, Upper Mall, Lahore.
Project: Scheme No.1724, Uplifting of Cricket Stadium,Muridke, Distt. Sheikhpura.

Our Ref. No. CL/CED/ 7809 Dated: 11-04-19
Your Ref. No. RE/AZE/PMU/SBP/223 Dated: 27-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-19 Tested on: 09-04-19 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. Slab | 16 | 11 | 2018 | 6x6x6 | 7.8 | 36 | 84 | 5230 | Non Engraved |
| 2 | G.F. Slab | 16 | 11 | 2018 | 6x6x6 | 8 | 36 | 83 | 5170 | Non Engraved |
| 3 | G.F. Slab | 16 | 11 | 2018 | 6x6x6 | 8 | 36 | 104 | 6480 | Non Engraved |
| 4 | G.F. Slab | 16 | 11 | 2018 | 6x6x6 | 8 | 36 | 67 | 4170 | Non Engraved |
| 5 | G.F. Slab | 16 | 11 | 2018 | 6x6x6 | 8 | 36 | 96 | 5980 | Non Engraved |
| 6 | G.F. Slab | 16 | 11 | 2018 | 6x6x6 | 8.2 | 36 | 64 | 3990 | Non Engraved |
| END | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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