



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9108

Dr. Aqsa

To: Ch. Liaqat Ali (Resident Engineer)

G3 Engineering Consultants (Pvt.) Ltd. Lahore

Project: Constt. Supervision of Provision of Missing Specialities for Up Gradation of DHQ Hospital to Teaching Hospital Gujranwala (Group 1), (East Side Block)

Our Ref. No. CL/CED/ 8835 Dated: 11-09-19

Your Ref. No. G3/205/1112 Dated: 23-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-09-19 Tested on: 29-08-19 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 | 5th Floor Slab | 18 | 7 | 2019 | 6Diax12 | 13.6 | 28.28 | 42 | 3280 | Engraved |
| 2 | 5th Floor Slab | 18 | 7 | 2019 | 6Diax12 | 13.8 | 28.28 | 64 | 4990 | 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 compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

9108
Dr. Aqsa

To: **Ch. Liaqat Ali (Resident Engineer)**

G3 Engineering Consultants (Pvt.) Ltd. Lahore

Project: Constt. Supervision of Provision of Missing Specialities for Up Gradation of DHQ Hospital to Teaching Hospital Gujranwala (Group 1), (East Side Block)

Our Ref. No. CL/CED/ 8836 Dated: 11-09-19

Your Ref. No. G3/205/1111 Dated: 23-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-09-19 Tested on: 29-08-19 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 | 5th Floor Column | 28 | 5 | 2019 | 6Diax12 | 14 | 28.28 | 81 | 6320 | Engraved |
| 2 | 5th Floor Column | 28 | 5 | 2019 | 6Diax12 | 13.8 | 28.28 | 74 | 5770 | 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

9113

Dr. Aqsa

To: Ibad ur Rehman Mudassir (Sr. Engineer Civil)

Sui Northern Gas Pipelines Ltd., Lahore

Project: Construction of Underground Water Tank and Pump Room at Regional Distribution Office Gujranwala

Our Ref. No. CL/CED/ 8837 Dated: 11-09-19

Your Ref. No. CC/64/U.W/P.R/GUJ Dated: 27-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-08-19 Tested on: 29-08-19 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 | | 22 | 7 | 2019 | 6x6x6 | 8.4 | 36 | 126 | 7840 | Engraved |
| 2 | | 22 | 7 | 2019 | 6x6x6 | 8.6 | 36 | 93 | 5790 | Engraved |
| 3 | | 22 | 7 | 2019 | 6x6x6 | 8.4 | 36 | 112 | 6970 | 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

9115
Dr. Aqsa

To: Abdul Rehman (Assistant Engineer Civil)
University of Okara
Project: Construction of A-Type House at University of Okara

Our Ref. No. CL/CED/ 8838 Dated: 11-09-19

Your Ref. No. UO/Engg.Cell/2019/461 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-08-19 Tested on: 29-08-19 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 | | 30 | 7 | 2019 | 6x6x6 | 8.8 | 36 | 114 | 7100 | Engraved |
| 2 | | 30 | 7 | 2019 | 6x6x6 | 8.6 | 36 | 90 | 5600 | Engraved |
| 3 | | 31 | 7 | 2019 | 6x6x6 | 8.2 | 36 | 62 | 3860 | Engraved |
| 4 | | 31 | 7 | 2019 | 6x6x6 | 8.4 | 36 | 73 | 4550 | Engraved |
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

9119
Dr. Aqsa

To: Design Force (Pvt.) Ltd.
42-Haider Road, Rawalpindi Cantt.
Project: Attock Petrol Station, Ghazi Road DHA Lahore

Our Ref. No. CL/CED/ 8839 Dated: 11-09-19

Your Ref. No. Nil Dated: 29-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 29-08-19 Tested on: 29-08-19 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 | Canopy Bed Footing | 31 | 7 | 2019 | 6x6x6 | 9 | 36 | 55 | 3430 | Non Engraved |
| 2 | Canopy Bed Footing | 31 | 7 | 2019 | 6x6x6 | 8.8 | 36 | 53 | 3300 | Non Engraved |
| 3 | Canopy Column | 6 | 8 | 2019 | 6x6x6 | 9 | 36 | 50 | 3120 | Non Engraved |
| 4 | Canopy Column | 6 | 8 | 2019 | 6x6x6 | 9 | 36 | 56 | 3490 | Non Engraved |
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Phone Nos. 042-99029202, 042-99029217

9119
Dr. Aqsa

To: Design Force (Pvt.) Ltd.
42-Haider Road, Rawalpindi Cantt.
Project: Attock Petrol Station, Ghazi Road DHA Lahore

Our Ref. No. CL/CED/ 8840 Dated: 11-09-19
Your Ref. No. Nil Dated: 29-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 29-08-19 Tested on: 29-08-19 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | Size (in) | Weight (lbs./gms) | Area of X-Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks |
|---------|--------------------|---------------|-----|------|-----------|-------------------|----------------------------|--------------------------|-----------------------|--------------|
| | | Month | Day | Year | | | | | | |
| 1 | Car Parking Column | 2 | 8 | 2019 | 6x6x6 | 9 | 36 | 72 | 4480 | Non Engraved |
| 2 | Car Parking Column | 2 | 8 | 2019 | 6x6x6 | 9 | 36 | 70 | 4360 | Non Engraved |
| 3 | Car Parking Roof | 8 | 8 | 2019 | 6x6x6 | 8.4 | 36 | 61 | 3800 | Non Engraved |
| 4 | Car Parking Roof | 8 | 8 | 2019 | 6x6x6 | 8.4 | 36 | 63 | 3920 | Non Engraved |
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

9121

Engr. Aamina

To: **Executive Engineer (B&W)**

University of Veterinary & Animal Sciences, Lahore

Project: Construction of Residences for (Grade 1-10) at Ahata Quarters, City Campus, UVAS, Lahore (M/s Al-Rafay Builders & Suppliers)

Our Ref. No. CL/CED/ 8841 Dated: 11-09-19

Your Ref. No. E.E/403 Dated: 17-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 29-08-19 Tested on: 03-09-19 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | Size (in) | Weight (lbs./gms) | Area of X-Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks |
|---------|-------|---------------|-----|------|-----------|-------------------|----------------------------|--------------------------|-----------------------|--------------|
| | | Month | Day | Year | | | | | | |
| 1 | | 21 | 3 | 2019 | 6x6x6 | 8.8 | 36 | 86 | 5360 | Non Engraved |
| 2 | | 21 | 3 | 2019 | 6x6x6 | 8.4 | 36 | 76 | 4730 | Non Engraved |
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

9121

To: **Executive Engineer (B&W)**

Engr. Aamina

University of Veterinary & Animal Sciences, Lahore

Project: Construction of Residences for (Grade 1-10) at Ahata Quarters, City Campus, UVAS, Lahore (M/s Al-Rafay Builders & Suppliers)

Our Ref. No. CL/CED/

8842

Dated:

11-09-19

Your Ref. No.

E.E/422

Dated:

07-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 29-08-19 Tested on: 03-09-19 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | Size (in) | Weight (lbs./gms) | Area of X- Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks |
|---------|----------------|---------------|-----|------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|----------|
| | | Month | Day | Year | | | | | | |
| 1 | 1st Floor Slab | 9 | 7 | 2019 | 6x6x6 | 9.2 | 36 | 94 | 5850 | Engraved |
| 2 | 1st Floor Slab | 9 | 7 | 2019 | 6x6x6 | 9.2 | 36 | 88 | 5480 | Engraved |
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Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9136

Engr. Aamina

To: Assistant Director (Engg), Zone II (Khiali) WASA

WASA (GDA) Gujranwala (M/s Four Star Naru Construction Co.)

Project: Dualization of Gujranwala Sheikhpura Road Under PPP (Upgradation of Disposal Works at Khiali Sheikhpura Rd & RCC Sewer Street Connections From Khiali Bypass to Gujranwala Main Drain in WASA L

Our Ref. No. CL/CED/ 8843 Dated: 11-09-19

Your Ref. No. WASA/ADE/(Khiali)/133 Dated: 27-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 02-09-19 Tested on: 03-09-19 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | Size (in) | Weight (lbs./gms) | Area of X- Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks |
|---------|---------------|---------------|-----|------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|--------------|
| | | Month | Day | Year | | | | | | |
| 1 | RCC (1:1.5:3) | 5 | 8 | 2019 | 6x6x6 | 8.4 | 36 | 89 | 5540 | Non Engraved |
| 2 | RCC (1:1.5:3) | 5 | 8 | 2019 | 6x6x6 | 8 | 36 | 68 | 4240 | Non Engraved |
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Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9145

Engr. Aamina

To: Syed Nabeel Hassan (Resident Engineer Nespak)

CM Div., NESPAK (Pvt.) Ltd. Lahore (M/s Way Maker)

Project: Rehab. of Road From Fazal E Haq Road to Hafeez Taaib Road (Between Kashmir Block and Rachna Block) and Link Street Block Allama Iqbal Town, Lahore

Our Ref. No. CL/CED/

8844

Dated:

11-09-19

Your Ref. No.

4047-
R/13/SNH/07/WM/040

Dated:

26-08-19

COMPRESSION TEST REPORT

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

Specimens received on:

03-09-19

Tested on:

03-09-19

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 | | 30 | 7 | 2019 | 6x6x6 | 8 | 36 | 63 | 3920 | Non Engraved |
| 2 | | 30 | 7 | 2019 | 6x6x6 | 8.4 | 36 | 45 | 2800 | Non Engraved |
| 3 | | 30 | 7 | 2019 | 6x6x6 | 8.4 | 36 | 55 | 3430 | 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

9123

Engr. Aamina

To: **Rai Muhammad Bilal (Resident Engineer)**

NESPAK (Pvt.) Ltd. Lahore (M/s Ask Construction)

Project: Rehab. of Roads LDA Package-III, Nazria-e-Pakistan Road (Canal to Wapda Town Roundabout), Johar Town Lahore

Our Ref. No. CL/CED/ 8845 Dated: 11-09-19

Your Ref. No. 4047-R3/13/RMB/1/2 Dated: 22-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 29-08-19 Tested on: 03-09-19 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 | Kerb Stone | | 6x5.9x6 | 7.8 | 35.4 | 79 | 5000 | Cut Cube |
| 2 | Kerb Stone | | 6x6x6 | 7.8 | 36 | 57 | 3550 | Cut Cube |
| 3 | | | | | | | | |
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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

9124
Dr. Aqsa

To: Adnan Jamil (Resident Engineer)
Amad Anwar & Partners
Project: Construction of Community Club Ph-VIII (Ex-Park View)

Our Ref. No. CL/CED/ 8846 Dated: 11-09-19
Your Ref. No. AA/TR/CC/19/210 Dated: 16-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 30-08-19 Tested on: 05-09-19 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 | Rectangulr Grey | | 7.8x3.8x3.0 | 3801 | 29.64 | 75 | 5670 | |
| 2 | Rectangulr Grey | | 7.8x3.8x3.0 | 3474 | 29.64 | 33 | 2500 | |
| 3 | Rectangulr Grey | | 7.8x3.8x3.0 | 3715 | 29.64 | 93 | 7030 | |
| 4 | Rectangulr Grey | | 7.8x3.8x3.0 | 3305 | 29.64 | 39 | 2950 | |
| 5 | Rectangulr Grey | | 7.8x3.8x3.0 | 3366 | 29.64 | 46 | 3480 | |
| 6 | Rectangulr Grey | | 7.8x3.8x3.0 | 3865 | 29.64 | 85 | 6430 | |
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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

9130

Dr. Aqsa

To: Rashid Kamran (Resident Engineer)

CM Div., NESPAK (Pvt.) Ltd. Lahore

Project: Rehabilitation and Improvement of Maulana Shaukat Ali Road From Karim Block Roundabout to PECO Road, Lahore

Our Ref. No. CL/CED/

8847

Dated:

11-09-19

Your Ref. No.

4047-
R2/13/RK/03/AHC/001

Dated:

22-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 30-08-19 Tested on: 05-09-19 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 | Rectangulr Grey | | 7.8x3.8x2.2 | 2692 | 29.64 | 92 | 6960 | |
| 2 | Rectangulr Grey | | 7.8x3.8x2.2 | 2786 | 29.64 | 97 | 7340 | |
| 3 | Rectangulr Grey | | 7.8x3.8x2.2 | 2714 | 29.64 | 81 | 6130 | |
| 4 | Rectangulr Grey | | 7.8x3.8x2.2 | 2736 | 29.64 | 70 | 5290 | |
| 5 | Rectangulr Grey | | 7.8x3.8x2.2 | 2757 | 29.64 | 83 | 6280 | |
| 6 | Rectangulr Grey | | 7.8x3.8x2.2 | 2724 | 29.64 | 78 | 5900 | |
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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



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

9132

To: **Sub Divisional Officer**

Engr. Aamina

Public Health Engg: Sub Division, Toba Tek Singh. (M/S Chaudhary Traders, Govt. Contractor)

Project: Laying of PCC, Tuff Tiles, Soling & Resoling, Drain, Repair of Roads and Pipelines of Water & Sewerage in Distt. T.T. Singh. (Rs.85 Million). Moh: Islampura, Arfat & MC T.T. Singh to Yes Mart Road.

Our Ref. No. CL/CED/ 8848 Dated: 11-09-19

Your Ref. No. 107/PHE-SD-TTS Dated: 25-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 30-08-19 Tested on: 03-09-19 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 | Rectangulr Grey | | 7.8x3.8x2.2 | 2896 | 29.64 | 88 | 6650 | |
| 2 | Rectangulr Grey | | 7.8x3.8x2.2 | 2870 | 29.64 | 90 | 6810 | |
| 3 | Rectangulr Grey | | 7.8x3.8x2.2 | 2928 | 29.64 | 110 | 8320 | |
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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)

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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

9132

To: Sub Divisional Officer

Engr. Aamina

Public Health Engg: Sub Division, Toba Tek Singh. (M/S Chaudhary Traders, Govt. Contractor)

Project: Laying of PCC, Tuff Tiles, Soling & Resoling, Drain, Repair of Roads and Pipelines of Water & Sewerage in Distt. T.T. Singh. (Rs.85 Million). Moh: Talab Bazar, Habib Bank Bazar, Bazar Partial Jewelers & Shah etc.

Our Ref. No. CL/CED/

8849

Dated:

11-09-19

Your Ref. No.

108/PHE-SD-TTS

Dated:

30-05-19

COMPRESSION TEST REPORT

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

Specimens received on:

30-08-19

Tested on:

03-09-19

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 | Rectangulr Grey | | 7.8x3.8x2.2 | 2882 | 29.64 | 98 | 7410 | |
| 2 | Rectangulr Grey | | 7.8x3.8x2.2 | 2874 | 29.64 | 116 | 8770 | |
| 3 | Rectangulr Grey | | 7.8x3.8x2.2 | 2846 | 29.64 | 94 | 7110 | |
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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

9152
Dr. Aqsa

To: (Asif Hayat Bhatti), Sr. Engineer (Civil)
For Managing Director. Sui Northern Gas Pipelines Limited. 21-Kashmir Road, Lahore.
Project: Construction of Tuff Pavers, RCC Sumps and Water Disposal Channel at Regional Office Lahore.

Our Ref. No. CL/CED/ 8850 Dated: 11-09-19

Your Ref. No. CC/36/Road/Lhr. Dated: 03-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 05-09-19 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 | Rectangulr Black | | 7.8x3.8x2.2 | 2735 | 29.64 | 99 | 7490 | |
| 2 | Rectangulr Black | | 7.8x3.8x2.2 | 2913 | 29.64 | 93 | 7030 | |
| 3 | Rectangulr Black | | 7.8x3.8x2.2 | 2872 | 29.64 | 81 | 6130 | |
| 4 | Rectangulr Grey | | 7.8x3.8x2.2 | 2656 | 29.64 | 86 | 6500 | |
| 5 | Rectangulr Grey | | 7.8x3.8x2.2 | 2672 | 29.64 | 60 | 4540 | |
| 6 | Rectangulr Grey | | 7.8x3.8x2.2 | 2795 | 29.64 | 92 | 6960 | |
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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

9153

To: **(Azhar Munir) Sr. Site Incharge**
Associated Technologies (Pvt) Ltd.
Project: CM Pak Rollout, Tower Foundation, New Zakir Town Near Vehari Chowk Multan. (Site ID-42930).

Dr. Aqsa

Our Ref. No. CL/CED/ 8851 Dated: 11-09-19

Your Ref. No. Nil Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 04-09-19 Tested on: 05-09-19 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 | Pad (1:1.5:3) | | 6x6x6 | 8.4 | 36 | 86 | 5360 | 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

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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

9154

Dr. Aqsa

To: (Assistant Resident Engineer), Golden Pearl

Chishty Bros. Architects & Engineers.

Project: Construction of Golden Pearl Cosmetics at Quaid-e- Azam Industrial Estate Lahore.

Our Ref. No. CL/CED/ 8852 Dated: 11-09-19

Your Ref. No. CBC-357-111-162 Dated: 04-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 04-09-19 Tested on: 05-09-19 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 | Retaining Wall | 30 | 7 | 2019 | 6x6x6 | 9 | 36 | 66 | 4110 | Non Engraved |
| 2 | Retaining Wall | 30 | 7 | 2019 | 6x6x6 | 9 | 36 | 92 | 5730 | Non Engraved |
| 3 | Retaining Wall | 30 | 7 | 2019 | 6x6x6 | 9 | 36 | 72 | 4480 | Non Engraved |
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supervisor(lab)

Director/Dy. Director Concrete Laboratory