



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

9459

Dr. Asad Gillani

To: Manager Projects
Din Houses
Project: M1 House.

Our Ref. No. CL/CED/ 9206 Dated: 06-11-19

Your Ref. No. HM1/M4/LCHS/007 Dated: 05-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 05-11-19 Tested on: 05-11-19 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 | 3500 Psi | 2 | 11 | 2018 | 6Diax12 | 14 | 28.28 | 37 | 2890 | Non Engraved |
| 2 | 3500 Psi | 2 | 11 | 2018 | 6Diax12 | 13.8 | 28.28 | 34 | 2650 | Non Engraved |
| 3 | 3500 Psi | 2 | 11 | 2018 | 6Diax12 | 14 | 28.28 | 34 | 2650 | 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 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

9431

Dr. Umbreen

To: Furqan Ali Malik (Chief Resident Engineer, Package-1)
CM Div., NESPAK (Pvt.) Ltd. Lahore (M/s Rakson Construction Co. Pvt. Ltd.)
Project: Constt. & Rehab. of at Grade Works Along Lahore Orange Line Metro Train Corridor Package-1
(Section-II) From Shalamar Station to Coop Store (Left Side) (Punjab)

Our Ref. No. CL/CED/ 9207 Dated: 06-11-19

Your Ref. No. 4042/13/FAM/Edge-Dyke-139 Dated: 23-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 31-10-19 Tested on: 31-10-19 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 | Edge Dyke | | 6x6x6 | 8.2 | 36 | 90 | 5600 | Cut Cube |
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University of Engineering and Technology, Lahore
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9431

Dr. Umbreen

To: Furqan Ali Malik (Chief Resident Engineer, Package-1)
CM Div., NESPAK (Pvt.) Ltd. Lahore (M/s Rakson Construction Co. Pvt. Ltd.)
Project: Constt. & Rehab. of at Grade Works Along Lahore Orange Line Metro Train Corridor Package-1
(Section-II) From Shalamar Station to Coop Store (Left Side) (Punjab)

Our Ref. No. CL/CED/ 9208 Dated: 06-11-19

Your Ref. No. 4042/13/FAM/Kerb-Stone-138 Dated: 23-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 31-10-19 Tested on: 31-10-19 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 | | 6x6x5.9 | 8 | 36 | 88 | 5480 | Cut Cube |
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Phone Nos. 042-99029202, 042-99029217

9439

Dr. Umbreen

To: **Furqan Ali Malik (Chief Resident Engineer, Package-1)**

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

Project: Constt. & Rehab. of at Grade Works Along Lahore Orange Line Metro Train Corridor Package-1 (Section-I) Pakistan Mint to Shalimar Chowk (Left Side) (Izhar)

Our Ref. No. CL/CED/

9209

Dated:

06-11-19

Your Ref. No.

4042/13/FAM/Kerb-Stone-121

Dated:

10-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 01-11-19 Tested on: 04-11-19 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 | | 5.9x5.8x6.0 | 7.2 | 34.22 | 46 | 3020 | Cut Cube |
| 2 | Kerb Stone | | 6.0x5.9x6.0 | 7.2 | 35.4 | 69 | 4370 | Cut Cube |
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Phone Nos. 042-99029202, 042-99029217

9430
Dr. Umbreen

To: Municipal Officer (Infrastructure)
Municipal Committee Toba Tek Singh
Project: Improvement of General Bus Stand Toba Tek Singh Phase-II

Our Ref. No. CL/CED/ 9210 Dated: 06-11-19
Your Ref. No. 418/Moi/MC/TTS Dated: 14-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 31-10-19 Tested on: 31-10-19 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 | | 7.8x3.9x3.1 | 3919 | 30.42 | 86 | 6340 | |
| 2 | Rectangular Grey | | 7.8x3.9x3.1 | 3896 | 30.42 | 73 | 5380 | |
| 3 | Rectangular Grey | | 7.8x3.9x3.1 | 3791 | 30.42 | 81 | 5970 | |
| 4 | Rectangular Grey | | 7.8x3.9x3.1 | 3846 | 30.42 | 69 | 5090 | |
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