

Premier Developer &amp; Builders

Test Performed By:

Dr. /Engr.

Wasim Abbas

Project Manager .(Lyallpur Galleria-II Near Four Season Colony Samundri Rd,FSD)

Client Reference: LG-II/007

SOM Lab

5803 (Page-

Ref:

1/1)

Dated: 01-02-2022

Dated:

03-02-2022

Test: Tension Test &amp; Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar

| S.No. | Weight | Dia.    |            | Area            |                 | Yield Load | Ultimate Load | Yield Stress                |                              | Ult. Stress                 |                              | Elongation | Gauge Length | %age Elongation | Remarks |
|-------|--------|---------|------------|-----------------|-----------------|------------|---------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------|--------------|-----------------|---------|
|       |        | Nominal | Calculated | Nominal         | Calculated      |            |               | (according to nominal area) | (according to measured area) | (according to nominal area) | (according to measured area) |            |              |                 |         |
|       | lb/ft  | #       | in         | in <sup>2</sup> | in <sup>2</sup> | Tons       | Tons          | psi                         | psi                          | psi                         | psi                          | in         | in           | %               |         |
| 1     | 2.618  | 8       | 0.990      | 0.79            | 0.769           | 25.79      | 34.07         | 72000                       | 73970                        | 95110                       | 97700                        | 1.40       | 8.0          | 17.5            |         |
| 2     | 0.659  | 4       | 0.497      | 0.20            | 0.194           | 6.47       | 8.56          | 71380                       | 73590                        | 94420                       | 97340                        | 1.10       | 8.0          | 13.8            |         |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |

**BEND TEST:**

# 8 Sample bend through 180 degrees Satisfactorily without any crack

# 4 Sample bend through 180 degrees Satisfactorily without any crack

**Note:-**Only Four Samples  
Received and TestedNote: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Dr Ikram  
Abdullah Bin Subayyal Devlopers Pvt.Ltd.

**Test Performed By:** Dr. /Engr. Asad Ali Gillani

**Client Reference:** Nil

**SOM Lab** 5804 (Page-

**Ref:** 1/1)

**Dated:** 03-02-2022

**Dated:** 03-02-2022

**Test:** Tension Test & Bend Test

**Test Specification:** ASTM-A-615

**Gauge Length:** 8 inch

**Sample Type:** Deformed Bar

| S.No. | Weight | Dia.    |            | Area            |                 | Yield Load | Ultimate Load | Yield Stress                |                              | Ult. Stress                 |                              | Elongation | Gauge Length | %age Elongation | Remarks |
|-------|--------|---------|------------|-----------------|-----------------|------------|---------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------|--------------|-----------------|---------|
|       |        | Nominal | Calculated | Nominal         | Calculated      |            |               | (according to nominal area) | (according to measured area) | (according to nominal area) | (according to measured area) |            |              |                 |         |
|       | lb/ft  | #       | in         | in <sup>2</sup> | in <sup>2</sup> | Tons       | Tons          | psi                         | psi                          | psi                         | psi                          | in         | in           | %               |         |
| 1     | 1.500  | 6       | 0.749      | 0.44            | 0.441           | 13.83      | 19.24         | 69340                       | 69180                        | 96420                       | 96200                        | 1.50       | 8.0          | 18.8            |         |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |

**BEND TEST:**

|     |  |   |
|-----|--|---|
| # 6 | Sample bend through 180 degrees Satisfactorily without any crack | <b>Note:-</b><br><br>Only Two Samples Received and Tested |
|     |  |   |
|     |  |   |
|     |  |   |

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Vertical Heights  
Lahore.(Vertical heights plot # 68 B2 Gulberg-III Lahore)

Test Performed By: Dr. /Engr. Asad Ali Gillani

Client Reference: Nil

SOM Lab 5805 (Page-

Ref: 1/1)

Dated: 03-02-2022

Dated: 03-02-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (SJ Steel)

| S.No. | Weight | Dia.    |            | Area            |                 | Yield Load | Ultimate Load | Yield Stress                |                              | Ult. Stress                 |                              | Elongation | Gauge Length | %age Elongation | Remarks |
|-------|--------|---------|------------|-----------------|-----------------|------------|---------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------|--------------|-----------------|---------|
|       |        | Nominal | Calculated | Nominal         | Calculated      |            |               | (according to nominal area) | (according to measured area) | (according to nominal area) | (according to measured area) |            |              |                 |         |
|       | lb/ft  | #       | in         | in <sup>2</sup> | in <sup>2</sup> | Tons       | Tons          | psi                         | psi                          | psi                         | psi                          | in         | in           | %               |         |
| 1     | 2.656  | 8       | 0.997      | 0.79            | 0.781           | 27.65      | 35.63         | 77180                       | 78070                        | 99460                       | 100610                       | 1.50       | 8.0          | 18.8            |         |
| 2     | 1.452  | 6       | 0.737      | 0.44            | 0.427           | 12.92      | 17.91         | 64740                       | 66710                        | 89780                       | 92510                        | 1.30       | 8.0          | 16.3            |         |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |

**BEND TEST:**

|     |  |  |
|-----|--|--|
| # 8 | Sample bend through 180 degrees Satisfactorily without any crack | <b>Note:-</b><br><br>Only Four Samples Received and Tested |
| # 6 | Sample bend through 180 degrees Satisfactorily without any crack |  |
|     |  |  |
|     |  |  |

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Engineer Abdul Samad

**Test Performed By:**

Dr. /Engr.

Asad Ali Gillani

PE Engineerio Tech Group.(Rippah International University Extension Project)

**Client Reference:** 0193-Q-CE-PK-21/UET-LHR

**SOM Lab**

5806 (Page-

**Ref:**

1/1)

**Dated:** 02-02-2022

**Dated:**

03-02-2022

**Test:** Tension Test & Bend Test

**Test Specification:**

ASTM-A-615

**Gauge Length:** 8 inch

**Sample Type:**

Deformed Bar (Ittehad Steel)

| S.No. | Weight | Dia.    |            | Area            |                 | Yield Load | Ultimate Load | Yield Stress                |                              | Ult. Stress                 |                              | Elongation | Gauge Length | %age Elongation | Remarks |
|-------|--------|---------|------------|-----------------|-----------------|------------|---------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------|--------------|-----------------|---------|
|       |        | Nominal | Calculated | Nominal         | Calculated      |            |               | (according to nominal area) | (according to measured area) | (according to nominal area) | (according to measured area) |            |              |                 |         |
|       | lb/ft  | #       | in         | in <sup>2</sup> | in <sup>2</sup> | Tons       | Tons          | psi                         | psi                          | psi                         | psi                          | in         | in           | %               |         |
| 1     | 1.527  | 6       | 0.756      | 0.44            | 0.449           | 15.62      | 19.49         | 78280                       | 76710                        | 97690                       | 95740                        | 1.20       | 8.0          | 15.0            |         |
| 2     | 0.661  | 4       | 0.497      | 0.20            | 0.194           | 6.07       | 8.77          | 66890                       | 68950                        | 96670                       | 99660                        | 1.00       | 8.0          | 12.5            |         |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |

**BEND TEST:**

|    |                        |   |
|----|------------------------|---|
| -- | No Bend test performed | <b>Note:-</b><br><br>Only Two Samples Received and Tested |
|    |                        |   |
|    |                        |   |
|    |                        |   |

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Engr. Javed Asad

**Test Performed By:** Dr. /Engr. S Asad Ali Gillani

CRE JIP Consultants.(Const.of Jalapur Irrigation Canal and Its System)(No.JIP/WkS/ICB/P3)

**Client Reference:** JIPIC/TECH/P-3/CRE/57

**SOM Lab** 5807(Page-

**Ref:** 1/1)

**Dated:** 31-01-2022

**Dated:** 03-02-2022

**Test:** Tension Test & Bend Test

**Test Specification:** ASTM-A-615

**Gauge Length:** 8 inch

**Sample Type:** Deformed Bar

| S.No. | Weight | Dia.    |            | Area            |                 | Yield Load | Ultimate Load | Yield Stress                |                              | Ult. Stress                 |                              | Elongation | Gauge Length | %age Elongation | Remarks |
|-------|--------|---------|------------|-----------------|-----------------|------------|---------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------|--------------|-----------------|---------|
|       |        | Nominal | Calculated | Nominal         | Calculated      |            |               | (according to nominal area) | (according to measured area) | (according to nominal area) | (according to measured area) |            |              |                 |         |
|       | lb/ft  | #       | in         | in <sup>2</sup> | in <sup>2</sup> | Tons       | Tons          | psi                         | psi                          | psi                         | psi                          | in         | in           | %               |         |
| 1     | 1.486  | 6       | 0.746      | 0.44            | 0.437           | 16.06      | 20.44         | 80480                       | 81030                        | 102450                      | 103150                       | 1.00       | 8.0          | 12.5            | Mughal  |
| 2     | 1.495  | 6       | 0.748      | 0.44            | 0.439           | 15.65      | 19.98         | 78430                       | 78610                        | 100150                      | 100380                       | 1.10       | 8.0          | 13.8            | Mughal  |
| 3     | 1.474  | 6       | 0.743      | 0.44            | 0.433           | 15.39      | 19.06         | 77160                       | 78400                        | 95550                       | 97090                        | 1.40       | 8.0          | 17.5            | Ittefaq |
| 4     | 1.478  | 6       | 0.743      | 0.44            | 0.434           | 15.19      | 18.50         | 76130                       | 77190                        | 92740                       | 94020                        | 1.30       | 8.0          | 16.3            | Ittefaq |
| 5     | 1.038  | 5       | 0.623      | 0.31            | 0.305           | 10.57      | 13.76         | 75210                       | 76440                        | 97910                       | 99510                        | 1.00       | 8.0          | 12.5            | Ittefaq |
| 6     | 1.043  | 5       | 0.625      | 0.31            | 0.307           | 10.86      | 13.97         | 77240                       | 77990                        | 99360                       | 100330                       | 1.10       | 8.0          | 13.8            | Ittefaq |
| 7     | 0.666  | 4       | 0.500      | 0.20            | 0.196           | 6.14       | 9.04          | 67670                       | 69050                        | 99710                       | 101740                       | 1.20       | 8.0          | 15.0            | Ittefaq |
| 8     | 0.671  | 4       | 0.501      | 0.20            | 0.197           | 6.47       | 9.14          | 71380                       | 72470                        | 100830                      | 102370                       | 1.30       | 8.0          | 16.3            | Ittefaq |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               |         |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               |         |

**BEND TEST:**

|     |  |  |
|-----|--|--|
| # 6 | Sample bend through 180 degrees Satisfactorily without any crack | <b>Note:-</b><br><br>Only Twelve Samples Received and Tested |
| # 6 | Sample bend through 180 degrees Satisfactorily without any crack |  |
| # 5 | Sample bend through 180 degrees Satisfactorily without any crack |  |
| # 4 | Sample bend through 180 degrees Satisfactorily without any crack |  |
|     |  |  |

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Ali Abbas

Test Performed By:

Dr. /Engr.

Wasim Abbas

Project Co-Ordinator Pacific Builders Pvt.Ltd.(Unoin Tower Sialkot)

Client Reference: Nil

SOM Lab

5808 (Page-

Ref:

1/1)

Dated: 03-02-2022

Dated:

03-02-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar

| S.No. | Weight | Dia.    |            | Area            |                 | Yield Load | Ultimate Load | Yield Stress                |                              | Ult. Stress                 |                              | Elongation | Gauge Length | %age Elongation | Remarks |
|-------|--------|---------|------------|-----------------|-----------------|------------|---------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------|--------------|-----------------|---------|
|       |        | Nominal | Calculated | Nominal         | Calculated      |            |               | (according to nominal area) | (according to measured area) | (according to nominal area) | (according to measured area) |            |              |                 |         |
|       | lb/ft  | #       | in         | in <sup>2</sup> | in <sup>2</sup> | Tons       | Tons          | psi                         | psi                          | psi                         | psi                          | in         | in           | %               |         |
| 1     | 2.659  | 8       | 0.997      | 0.79            | 0.781           | 25.89      | 36.29         | 72290                       | 73120                        | 101310                      | 102480                       | 1.20       | 8.0          | 15.0            |         |
| 2     | 1.430  | 6       | 0.731      | 0.44            | 0.420           | 13.51      | 16.59         | 67700                       | 70930                        | 83130                       | 87090                        | 1.20       | 8.0          | 15.0            |         |
| 3     | 0.634  | 4       | 0.487      | 0.20            | 0.186           | 7.14       | 8.53          | 78690                       | 84610                        | 94090                       | 101170                       | 1.20       | 8.0          | 15.0            |         |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |

**BEND TEST:**

|     |  |   |
|-----|--|---|
| # 8 | Sample bend through 180 degrees Satisfactorily without any crack | <b>Note:-</b><br><br>Only Six Samples Received and Tested |
| # 6 | Sample bend through 180 degrees Satisfactorily without any crack |   |
| # 4 | Sample bend through 180 degrees Satisfactorily without any crack |   |
|     |  |   |

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Executive Engineer

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PWD Highways Division Bhimber.(Const. Of RCC Pre-Stressed Bridge 30 Meter Span)

Client Reference: 202

SOM Lab

5809 (Page-

Ref:

1/1)

Dated: 02-02-2022

Dated:

03-02-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar

| S.No. | Weight | Dia.    |            | Area            |                 | Yield Load | Ultimate Load | Yield Stress                |                              | Ult. Stress                 |                              | Elongation | Gauge Length | %age Elongation | Remarks |
|-------|--------|---------|------------|-----------------|-----------------|------------|---------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------|--------------|-----------------|---------|
|       |        | Nominal | Calculated | Nominal         | Calculated      |            |               | (according to nominal area) | (according to measured area) | (according to nominal area) | (according to measured area) |            |              |                 |         |
|       | lb/ft  | #       | in         | in <sup>2</sup> | in <sup>2</sup> | Tons       | Tons          | psi                         | psi                          | psi                         | psi                          | in         | in           | %               |         |
| 1     | 2.551  | 8       | 0.977      | 0.79            | 0.750           | 22.70      | 36.90         | 63380                       | 66760                        | 103020                      | 108510                       | 1.30       | 8.0          | 16.3            |         |
| 2     | 1.499  | 6       | 0.749      | 0.44            | 0.441           | 12.81      | 19.57         | 64230                       | 64080                        | 98100                       | 97880                        | 1.10       | 8.0          | 13.8            |         |
| 3     | 1.039  | 5       | 0.623      | 0.31            | 0.305           | 10.01      | 15.01         | 71220                       | 72390                        | 106750                      | 108500                       | 1.00       | 8.0          | 12.5            |         |
| 4     | 0.638  | 4       | 0.488      | 0.20            | 0.187           | 5.78       | 8.23          | 63740                       | 68170                        | 90720                       | 97020                        | 1.20       | 8.0          | 15.0            |         |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |

**BEND TEST:**

|     |  |  |
|-----|--|--|
| # 8 | Sample bend through 180 degrees Satisfactorily without any crack | <p><b>Note:-</b></p> <p>Only Eight Samples Received and Tested</p> |
| # 6 | Sample bend through 180 degrees Satisfactorily without any crack |  |
| # 5 | Sample bend through 180 degrees Satisfactorily without any crack |  |
| # 4 | Sample bend through 180 degrees Satisfactorily without any crack |  |
|     |  |  |

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Ilyas Majeed Sheikh  
 Chairman Eagle Developers.(Project Of Dream Galleria Lahore)

**Test Performed By:** Dr. /Engr. Wasim Abbas

**Client Reference:** Nil

**SOM Lab** 5810 (Page-

**Ref:** 1/1)

**Dated:** 03-02-2022

**Dated:** 03-02-2022

**Test:** Tension Test & Bend Test

**Test Specification:** ASTM-A-615

**Gauge Length:** 8 inch

**Sample Type:** Deformed Bar

| S.No. | Weight | Dia.    |            | Area            |                 | Yield Load | Ultimate Load | Yield Stress                |                              | Ult. Stress                 |                              | Elongation | Gauge Length | %age Elongation | Remarks |
|-------|--------|---------|------------|-----------------|-----------------|------------|---------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------|--------------|-----------------|---------|
|       |        | Nominal | Calculated | Nominal         | Calculated      |            |               | (according to nominal area) | (according to measured area) | (according to nominal area) | (according to measured area) |            |              |                 |         |
|       | lb/ft  | #       | in         | in <sup>2</sup> | in <sup>2</sup> | Tons       | Tons          | psi                         | psi                          | psi                         | psi                          | in         | in           | %               |         |
| 1     | 0.663  | 4       | 0.498      | 0.20            | 0.195           | 6.70       | 9.04          | 73850                       | 75750                        | 99710                       | 102260                       | 1.20       | 8.0          | 15.0            |         |
| 2     | 0.670  | 4       | 0.501      | 0.20            | 0.197           | 6.54       | 8.87          | 72170                       | 73270                        | 97800                       | 99290                        | 1.20       | 8.0          | 15.0            |         |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |
| -     | -      | -       | -          | -               | -               | -          | -             | -                           | -                            | -                           | -                            | -          | -            | -               | -       |

**BEND TEST:**

|     |  |   |
|-----|--|---|
| # 4 | Sample bend through 180 degrees Satisfactorily without any crack | <b>Note:-</b><br><br>Only Three Samples Received and Tested |
|     |  |   |
|     |  |   |
|     |  |   |

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)