Client Reference No.: Nil Dated: 13-06-2024

SOM Lab Ref: CED/SOM/4325 **Dated:** 14-06-2024

Test Type: Load Test of RPC Manhole Cover 24" Diameter

Test Standard: Non-standard test was performed as per requirement of the client [Application of load at the

center of the Manhole Cover through circular thick(19.0mm) steel plate of 377mm diameter]

Test Performed by: Dr. Asad Ali Gillani

.....

Mr. M.Afzal Sial,

Project Manager

Citi Housing Pvt Ltd.

(Development of Citi Housing Jhelum)

This is with reference to your above-mentioned letter and SOM receipt No. 4325 dated: 13-06-2024. The sample of RPC Manhole Cover submitted in the Laboratory has been tested and the result is provided below.

Load Test Result

| Diameter of Manhole Cover | Average Thickness of Manhole Cover | Maximum Load | Observations/Remarks |
|------------------------------|------------------------------------|-----------------|--|
| 642 mm | 70.16mm | 10200 kg | Manhole Cover was cracked at this load |

Test Performed by: S. Asad Ali Gillani

The Progressive International Islamabad

 Client Reference No.: Nil
 Dated: 13-06-2024

 SOM Lab Ref: CED/SOM/4329 (Page 1/1)
 Dated: 13-06-2024

Test Type: Tensile Test

Sample Type: Nut Bolt (27mm Dia) **Test Specification**: ASTM – F-606

Tensile Test Results

| Sample No. | Sample Type | Tested Diameter of Rod/Bolt (mm) | Ultimate Load (kN) | Ultimate Tensile Stress (MPa) | % Elongation |
|---------------|---------------------|---|--------------------------|--|-----------------|
| 1 | Nut Bolt (27mm Dia) | 18.0 | 134.7 | 529.6 | 35.0 |

Note: Please always confirm the results on web <u>www.uet-civil.edu.pk</u>

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

Tobishima Corporation Islamabad.(Installation of Weather Surveillance Radar In Multan City)

Client Reference: Nil Dated: 12-06-2024 **SOM Lab Ref:** CED/SOM/4324-23 (Page-1/2) Dated: 13-06-2024

Test: Tension Test & Bend Test **Test Specification: ASTM-A 615**

Sample

Deformed Bar (Kamran Steel) Gauge Length: 200 mm Type:

| | | | Dia. | Ar | ea | Yield | Ultimate | Yield | Stress | Ult. S | Stress | | | | |
|-------|--------|---------|------------|-----------------|-----------------|-----------|---------------|--------------------------------|---------------------------------|-----------------------------|---------------------------------|------------|--------------|-----------------|---------|
| S.No. | Weight | Nominal | Calculated | Nominal | Calculated | Load | Load | (according to nominal area) | (according to measured area) | (according to nominal area) | (according to measured area) | Elongation | Gauge Length | %age Elongation | Remarks |
| | kg/m | mm | mm | mm ² | mm ² | kN | kN | MPa | MPa | MPa | MPa | mm | mm | % | |
| 1 | 2.227 | 19 | 19.02 | 284 | 284 | 129.00 | 194.00 | 455 | 455 | 684 | 684 | 32.5 | 200 | 16.3 | |
| 2 | 2.218 | 19 | 18.97 | 284 | 282 | 132.00 | 194.50 | 466 | 468 | 686 | 689 | 32.5 | 200 | 16.3 | |
| 3 | 2.206 | 19 | 18.92 | 284 | 281 | 132.20 | 193.50 | 466 | 471 | 682 | 689 | 27.5 | 200 | 13.8 | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | ı | 1 | ı | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | | | | | | |
| BE | ND TE | ST: | | | | | | | | | | | | | |
| 1 | 9mm | Sam | ple bend | throug | h 180 d | degrees S | atisfactorily | y without a | any crack | | Note:- | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | Oake | | | | | | | |

Only Four Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

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

Tobishima Corporation Islamabad.(Installation of Weather Surveillance Radar In Multan City)

Client Reference: Nil Dated: 12-06-2024 Dated: SOM Lab Ref: CED/SOM/4324-23 (Page-2/2) 13-06-2024 Test Specification: ASTM-A 615

Test: Tension Test & Bend Test

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

| Sample Type: | Deformed Bar (Kamran Steel) | Gauge Length: | 200 | mm |
|-----------------|-----------------------------|---------------|-----|----|
| ı ype: | , | | 200 | mm |

| | | | Dia. | Ar | ea | Yield | Ultimate | Yield | Stress | Ult. S | Stress | | | _ | |
|---|--------|---------|------------|---------|-----------------|-------|----------|-----------------------------|---------------------------------|--------------------------------|---------------------------------|------------|--------------|-----------------|---------|
| S.No. | Weight | Nominal | Calculated | Nominal | Calculated | Load | Load | (according to nominal area) | (according to measured area) | (according to nominal area) | (according to measured area) | Elongation | Gauge Length | %age Elongation | Remarks |
| | kg/m | mm | mm | mm² | mm ² | kN | kN | MPa | MPa | MPa | MPa | mm | mm | % | |
| 1 | 0.973 | 13 | 12.57 | 133 | 124 | 59.50 | 84.70 | 448 | 480 | 638 | 684 | 35.0 | 200 | 17.5 | |
| 2 | 0.975 | 13 | 12.57 | 133 | 124 | 59.00 | 82.70 | 445 | 476 | 623 | 667 | 35.0 | 200 | 17.5 | |
| 3 | 0.978 | 13 | 12.59 | 133 | 125 | 62.00 | 85.20 | 467 | 498 | 642 | 685 | 25.0 | 200 | 12.5 | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | ı | • | ı | - | - | - | • | - | |
| - | - | - | - | - | - | - | 1 | ı | 1 | - | - | - | 1 | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | | - | - | - | - | - | - | |
| | | | | | | | | | | | | | | | |
| <u>BE</u> | ND TE | ST: | | | | | | | | | | | | | |
| 19mm Sample bend through 180 degrees Satisfactorily without any crack | | | | | | | | Note:- | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Only F | | | | |
| | | | | | | | | | | | Receiv | ed a | nd T | ested | |
| | | | | | | | | | | | | | | | |

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

PM HMB Developers Pvt Ltd. Lahore

SOM Lab

 Client Reference:
 HMBDPL/S.O/06/24/111(LHR)
 Ref:
 4322 (Page-1/1)

Dated: 13-06-2024 **Dated:** 13-06-2024

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615

Gauge Length: 8 inch Sample Type: Deformed Bar (DC # 2001990)

| | | | | | | | | 71 | | | ` | | | , | |
|-------|----------|---------|------------|-----------------|-----------------|----------|-------------|--------------------------------|---------------------------------|--------------------------------|---------------------------------|------------|--------------|-----------------|---------|
| | | | Dia. | Α | rea | Yield | Ultimate | Yield | Stress | Ult. S | tress | | | n | |
| S.No. | Weight | Nominal | Calculated | Nominal | Calculated | Load | Load | (according to nominal area) | (according to measured area) | (according to nominal area) | (according to measured area) | Elongation | Gauge Length | %age Elongation | Remarks |
| | lb/ft | # | in | in ² | in ² | Tons | Tons | psi | psi | psi | psi | in | in | % | |
| 1 | 0.668 | 4 | 0.500 | 0.20 | 0.196 | 6.85 | 8.53 | 75540 | 77080 | 94090 | 96010 | 1.30 | 8.0 | 16.3 | |
| 2 | 0.666 | 4 | 0.500 | 0.20 | 0.196 | 6.73 | 8.53 | 74190 | 75710 | 94090 | 96010 | 1.00 | 8.0 | 12.5 | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Wit | nessed | Ву: | | Muha | mmad A | zhar Sa | eed | | | | | | | | |
| BE | ND TE | ST: | | | | | | | | | | | | | |
| | # 4 | San | nple ben | d throu | igh 180 d | degrees | Satisfactor | ily without | any crack | | Note: | - | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Only 1 | hree | Sar | mples | 3 |
| | | | | | | | | | | | Recei | | | | |
| | | | | | | | | | | | | | | | |
| Note | e: Pleas | e alv | vays con | firm the | e results | of above | e report on | web www | .uet-civil.e | du.pk | | | | | |

Divisional Forest Officer Test Performed By: Dr. /Engr. Asad Ali Gillani

Kasur Forest Division at Changa Manga.(Const of B/wall at changa Manga Rest House)

SOM Lab

 Client Reference:
 1267/AC
 Ref:
 4326 (Page-1/1)

 Dated:
 12-06-2024
 Dated:
 13-06-2024

Test:Tension Test & Bend TestTest Specification:ASTM-A-615Gauge Length:8 inchSample Type:Deformed Bar

| | | | Dia. | ^ | rea | Yield | Ultimate | Viold | Stress | Ult. S | trocc | | | | |
|-------|--|---------|------------|-----------------|-----------------|-------|----------|-----------------------------|---------------|-----------------------------|------------------------------|------------|--------------|-----------------|---------|
| S.No. | Weight | Nominal | Calculated | Nominal | Calculated | Load | Load | (according to nominal area) | (according to | (according to nominal area) | (according to measured area) | Elongation | Gauge Length | %age Elongation | Remarks |
| | lb/ft | # | in | in ² | in ² | Tons | Tons | psi | psi | psi | psi | in | in | % | |
| 1 | 0.668 | 4 | 0.500 | 0.20 | 0.196 | 6.07 | 8.36 | 66890 | 68250 | 92180 | 94060 | 1.40 | 8.0 | 17.5 | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | ı | ı | ı | ı | 1 | - | - | ı | - | |
| - | - | - | - | - | - | ı | ı | ı | ı | ı | • | - | 1 | - | |
| - | - | - | - | - | - | ı | ı | ı | ı | 1 | - | - | ı | - | |
| - | - | - | - | - | - | ı | - | 1 | 1 | ı | - | - | - | - | |
| - | - | - | - | - | - | ı | - | | | - | - | - | - | - | |
| - | - | - | - | - | - | ı | ı | • | ı | 1 | - | - | - | - | |
| | | | | | | | | | | | - | | | | |
| BE | ND TE | ST: | | | | | | | | | | | | | |
| | # 4 Sample bend through 180 degrees Satisfactorily without any crack | | | | | | | | | | Note: | • | | | |

#4 Sample bend through 180 degrees Satisfactorily without any crack Only Two Samples Received and Tested Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Engineer Muhammad Irfan Test Performed By: Dr. /Engr. Asad Ali Gillani

Dy Dir Infra. DHA Gujranwala.(Sec C)

SOM Lab

 Client Reference:
 111/15/DD/RS/Lab/PKG-2A/2207
 Ref:
 4327 (Page-1/3)

Dated: 13-06-2024 **Dated:** 13-06-2024

Test: Tension Test & Bend Test Test Specification: ASTM-A-615

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Gauge Length: 8 inch Sample Type: Deformed Bar (FF Steel)

| | Ū | J | | | | | • | J . | | | ` | | , | | |
|------------|--------|---------|------------|-----------------|-----------------|---------|--------------|--------------------------------|---------------------------------|--------------------------------|---------------------------------|------------|--------------|-----------------|---------|
| | | I | Dia. | Α | rea | Yield | Ultimate | Yield | Stress | Ult. S | stress | | | _ | |
| S.No. | Weight | Nominal | Calculated | Nominal | Calculated | Load | Load | (according to nominal area) | (according to measured area) | (according to nominal area) | (according to measured area) | Elongation | Gauge Length | %age Elongation | Remarks |
| | lb/ft | # | in | in ² | in ² | Tons | Tons | psi | psi | psi | psi | in | in | % | |
| 1 | 2.664 | 8 | 0.998 | 0.79 | 0.783 | 27.24 | 37.10 | 76040 | 76720 | 103590 | 104510 | 1.20 | 8.0 | 15.0 | |
| 2 | 2.676 | 8 | 1.000 | 0.79 | 0.786 | 25.71 | 35.58 | 71770 | 72140 | 99320 | 99820 | 1.40 | 8.0 | 17.5 | |
| 3 | 1.487 | 6 | 0.746 | 0.44 | 0.437 | 14.80 | 19.37 | 74190 | 74700 | 97080 | 97750 | 1.30 | 8.0 | 16.3 | |
| 4 | 1.494 | 6 | 0.748 | 0.44 | 0.439 | 14.29 | 19.06 | 71640 | 71800 | 95550 | 95770 | 1.20 | 8.0 | 15.0 | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | ı | ı | - | - | - | ı | ı | ı | - | - | ı | - | - | - | |
| - | ı | ı | - | - | - | ı | ı | ı | - | - | ı | - | - | - | |
| Witr | nessed | Ву: | | Habib | Sultan | (DHAG) | | | | | | | | | |
| BEND TEST: | | | | | | | | | | | | | | | |
| | # 8 | San | nple ben | d throu | igh 180 d | degrees | Satisfactori | ly without | any crack | | Note: | • | | | |
| ; | # 6 | San | nple ben | d throu | ıgh 180 d | degrees | Satisfactori | ly without | any crack | | | | | | |
| | | | | | | | | | | | Only S | Six Sa | amp | les | |
| | | | | | | | | | | | Receiv | | | | d |

Engineer Muhammad Irfan Test Performed By: Dr. /Engr. Asad Ali Gillani

Dy Dir Infra. DHA Gujranwala.(Sec J)

SOM Lab

 Client Reference:
 111/15/DD/RS/Lab/Sec-J/217
 Ref:
 4327 (Page-2/3)

 Dated:
 13-06-2024
 Dated:
 13-06-2024

Test: Tension Test & Bend Test Test Specification: ASTM-A-615

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Gauge Length: 8 inch Sample Type: Deformed Bar (SJ Steel)

| Note:- Dia. Area Pield Load Ultimate Ultimate Load Ultimate | | | | | | | | | | | | Recei | | | - | |
|--|--|--------|---------|------------|-----------------|-----------------|--------|-------------|-----------------------------|---------------------------------|--------------------------------|------------------------------|------------|--------------|-----------------|---------|
| No | | | | | | | | | | | | Only | Thro.o | Car | ممامم | |
| ON ON ON ON ON ON ON ON | # 8 Sample bend through 180 degrees Satisfactorily without | | | | | | | ily without | any crack | | Note: | - | | | | |
| No No No No No No No No | BE | ND TE | ST: | | | | | | | | | Т | | | | |
| No | Witnessed By: Habib Su | | | | | Sultan | (DHAG) | | | | | | | | | |
| No. | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| No. | _ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| No. | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Now | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Now Same S | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Now | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Now | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Nominal area Nomi | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| S.No. S.No. in In India area) Nominal Area is a longation area is | 2 | 2.630 | 8 | 0.992 | 0.79 | 0.773 | 24.57 | 32.47 | 68590 | 70090 | 90640 | 92630 | 1.20 | 8.0 | 15.0 | |
| S.No. Weight Nominal Nominal (according to nominal area) (according to nominal area) (according to nominal area) (according to nominal area) (according to according to nominal area) Elongation Gauge Length %age Elongation Remarks | 1 | 2.638 | 8 | 0.993 | 0.79 | 0.775 | 24.72 | 32.82 | 69010 | 70350 | 91640 | 93410 | 1.40 | 8.0 | 17.5 | |
| | | lb/ft | # | in | in ² | in ² | Tons | Tons | psi | psi | psi | psi | in | in | % | |
| Dia. Area Yield Ultimate Yield Stress Ult. Stress | S.No. | Weight | Nominal | Calculated | | | Load | Load | (according to nominal area) | (according to measured area) | (according to nominal area) | (according to measured area) | Elongation | Gauge Length | %age Elongation | Remarks |
| | | | l | Dia. | Α | rea | | | Yield | Stress | Ult. S | tress | | _ | 드 | |

Engineer Muhammad Irfan Test Performed By: Dr. /Engr. Asad Ali Gillani

Dy Dir Infra. DHA Gujranwala.(Sec J)

SOM Lab

 Client Reference:
 111/15/DD/RS/Lab/Sec-J/216
 Ref:
 4327 (Page-3/3)

 Dated:
 13-06-2024
 Dated:
 13-06-2024

Test: Tension Test & Bend Test **Test Specification**: ASTM-A-615

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Gauge Length: 8 inch Sample Type: Deformed Bar (FF Steel)

| Ga | uge Le | ngu | n. | 0 | IIICII | | Sample | r rype: | | Deloiii | ieu bai (| rr Su | eei) | | |
|-------|------------|---------|------------|-----------------|-----------------|---------|-------------|--------------------------------|---------------------------------|--------------------------------|---------------------------------|------------|--------------|-----------------|---------|
| | | | Dia. | A | rea | Yield | Ultimate | Yield | Stress | Ult. S | Stress | | _ | п | |
| S.No. | Weight | Nominal | Calculated | Nominal | Calculated | Load | Load | (according to nominal area) | (according to measured area) | (according to nominal area) | (according to measured area) | Elongation | Gauge Length | %age Elongation | Remarks |
| | lb/ft | # | in | in ² | in ² | Tons | Tons | psi | psi | psi | psi | in | in | % | |
| 1 | 0.671 | 4 | 0.501 | 0.20 | 0.197 | 6.34 | 8.23 | 69920 | 70990 | 90720 | 92100 | 1.30 | 8.0 | 16.3 | |
| 2 | 0.670 | 4 | 0.501 | 0.20 | 0.197 | 6.29 | 8.21 | 69360 | 70410 | 90490 | 91870 | 1.40 | 8.0 | 17.5 | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | | ı | - | - | - | - | ı | |
| - | - | - | - | - | - | - | - | | ı | - | - | - | - | ı | |
| - | - | - | - | - | - | - | - | | ı | - | - | - | - | ı | |
| Wit | nessed | Ву: | | Habib | Sultan | (DHAG) | | | | | | | | | |
| BE | BEND TEST: | | | | | | | | | | | | | | |
| | # 4 | San | nple ben | d throu | ıgh 180 (| degrees | Satisfactor | ily without | any crack | | Note: | - | | | |
| | | | | | | | | | | | Only 7 Recei | | | | |

Farrukh Jamal, PM Test Performed By: Dr. /Engr. Asad Ali Gillani
UNICON Consulting Services(Pvt) Ltd.(Const Of Ban Of Punjab Building at C-Block,Model Town Lhr)

SOM Lab

 Client Reference:
 Nil
 Ref:
 4328 (Page-1/1)

 Dated:
 10-06-2024
 Dated:
 13-06-2024

Test:Tension Test & Bend TestTest Specification:ASTM-A-615Gauge Length:8 inchSample Type:Deformed Bar

| | | | Dia. | Α | rea | Yield | Ultimate | Yield | Stress | Ult. S | Stress | | | _ | |
|-------|--------|---------|------------|-----------------|-----------------|-------|----------|--------------------------------|---------------------------------|--------------------------------|---------------------------------|------------|--------------|-----------------|---------|
| S.No. | Weight | Nominal | Calculated | Nominal | Calculated | Load | Load | (according to nominal area) | (according to measured area) | (according to nominal area) | (according to measured area) | Elongation | Gauge Length | %age Elongation | Remarks |
| | lb/ft | # | in | in ² | in ² | Tons | Tons | psi | psi | psi | psi | in | in | % | |
| 1 | 2.523 | 8 | 0.971 | 0.79 | 0.741 | 23.72 | 31.19 | 66220 | 70600 | 87080 | 92840 | 1.50 | 8.0 | 18.8 | |
| 2 | 2.550 | 8 | 0.977 | 0.79 | 0.749 | 23.70 | 31.42 | 66170 | 69790 | 87710 | 92510 | 1.60 | 8.0 | 20.0 | |
| 3 | 1.539 | 6 | 0.759 | 0.44 | 0.452 | 14.32 | 19.37 | 71790 | 69880 | 97080 | 94500 | 1.50 | 8.0 | 18.8 | |
| 4 | 1.528 | 6 | 0.756 | 0.44 | 0.449 | 14.22 | 19.34 | 71280 | 69850 | 96930 | 94990 | 1.60 | 8.0 | 20.0 | |
| 5 | 0.660 | 4 | 0.497 | 0.20 | 0.194 | 5.61 | 7.16 | 61830 | 63740 | 78910 | 81350 | 1.30 | 8.0 | 16.3 | |
| 6 | 0.668 | 4 | 0.500 | 0.20 | 0.196 | 5.78 | 7.36 | 63740 | 65040 | 81160 | 82820 | 1.30 | 8.0 | 16.3 | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | |
| - | - | ı | - | - | - | ı | ı | 1 | ı | - | - | - | ı | ı | |
| - | - | ı | - | - | - | ı | ı | | | - | - | - | ı | - | |
| - | - | ı | - | - | - | ı | ı | | | - | - | - | ı | - | |
| | | | | | | | | | | | | | | | |

BEND TEST:

| # 8 | Sample bend through 180 degrees Satisfactorily without any crack | Note:- | | | | | | | | | |
|---|--|---------------------|--|--|--|--|--|--|--|--|--|
| # 6 | Sample bend through 180 degrees Satisfactorily without any crack | | | | | | | | | | |
| # 4 | Sample bend through 180 degrees Satisfactorily without any crack | Only Nine Samples | | | | | | | | | |
| | | Received and Tested | | | | | | | | | |
| | | | | | | | | | | | |
| Note: Please always confirm the results of above report on web www.uet-civil.edu.pk | | | | | | | | | | | |