

StarchPack (Pvt.) Ltd.
Lead Civil Lahore.(StarchPack Green Project At Kasur)

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

Client Reference: Nil
SOM Lab Ref: CED/SOM/885(Page-1/1)

Dated: 09-09-2022

Dated: 09-09-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar

Gauge Length: 200 mm

| 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) | | | | |
| | kg/m | mm | mm | mm ² | mm ² | kN | kN | MPa | MPa | MPa | MPa | mm | mm | % | |
| 1 | 3.961 | 25 | 25.36 | 491 | 505 | 266.00 | 343.70 | 542 | 527 | 700 | 681 | 35.0 | 200 | 17.5 | |
| 2 | 3.947 | 25 | 25.30 | 491 | 503 | 263.00 | 338.20 | 536 | 524 | 689 | 673 | 35.0 | 200 | 17.5 | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

BEND TEST:

| | | |
|------|--|---|
| 25mm | Sample bend through 180 degrees Satisfactorily without any crack | Note:- Only Three Samples Received and Tested |
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| | | |

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

Muhammad Ashraf Khan

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Asstt. Technical Officer, PAEC,WASO.SWP DG Khan.

Client Reference: SWP/W(2486)/22

SOM Lab

Ref:

880 (Page-1/1)

Dated: 08-09-2022

Dated:

09-09-2022

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 ² | in ² | Tons | Tons | psi | psi | psi | psi | in | in | % | |
| 1 | 1.502 | 6 | 0.749 | 0.44 | 0.441 | 13.93 | 19.49 | 69850 | 69690 | 97690 | 97470 | 1.00 | 8.0 | 12.5 | |
| 2 | 1.500 | 6 | 0.749 | 0.44 | 0.441 | 13.58 | 19.47 | 68060 | 67910 | 97590 | 97370 | 1.20 | 8.0 | 15.0 | |
| 3 | 0.673 | 4 | 0.502 | 0.20 | 0.198 | 6.49 | 8.69 | 71610 | 72330 | 95770 | 96740 | 1.40 | 8.0 | 17.5 | |
| 4 | 0.672 | 4 | 0.501 | 0.20 | 0.197 | 6.57 | 8.79 | 72510 | 73610 | 96900 | 98370 | 1.40 | 8.0 | 17.5 | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

BEND TEST:

| | | |
|-----|--|---|
| # 6 | Sample bend through 180 degrees Satisfactorily without any crack | Note:- Only Six Samples Received and Tested |
| # 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

Khalil Ahmad Khoso

Test Performed By:

Dr. /Engr. Asad Ali Gillani

RE Metroplan-Asian Jv,MCH,Layyah(Estb Of 200 Bedded Mother & Child Hospital(MCH),Layyah)

Client Reference: Metroplan-Asian Jv-MCH-Layyah-RE-126

SOM Lab

Ref: 881 (Page-1/1)

Dated: 05-09-2022

Dated: 09-09-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AF 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 ² | in ² | Tons | Tons | psi | psi | psi | psi | in | in | % | |
| 1 | 1.519 | 6 | 0.754 | 0.44 | 0.446 | 13.97 | 19.67 | 70000 | 69060 | 98610 | 97290 | 1.40 | 8.0 | 17.5 | |
| 2 | 1.506 | 6 | 0.751 | 0.44 | 0.443 | 14.88 | 20.90 | 74600 | 74100 | 104750 | 104040 | 1.40 | 8.0 | 17.5 | |
| 3 | 0.691 | 4 | 0.508 | 0.20 | 0.203 | 6.85 | 8.99 | 75540 | 74420 | 99150 | 97680 | 1.00 | 8.0 | 12.5 | |
| 4 | 0.670 | 4 | 0.501 | 0.20 | 0.197 | 6.95 | 9.60 | 76660 | 77830 | 105890 | 107500 | 1.00 | 8.0 | 12.5 | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

BEND TEST:

| | | |
|-----|--|---|
| # 6 | Sample bend through 180 degrees Satisfactorily without any crack | Note:- Only Seven 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

Fawad Butt

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

Project Manager NETRACON Tech.Lahore (Design Supply and Installation Of 500 KV Noshera)

Client Reference: NTT-HO/WB05A-GS/021

SOM Lab

Ref: 883,882(Page-1/1)

Dated: 08-09-2022

Dated: 09-09-2022

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 ² | in ² | Tons | Tons | psi | psi | psi | psi | in | in | % | |
| 1 | 1.505 | 6 | 0.750 | 0.44 | 0.442 | 14.53 | 18.91 | 72810 | 72480 | 94780 | 94350 | 1.30 | 8.0 | 16.3 | A |
| 2 | 1.522 | 6 | 0.754 | 0.44 | 0.447 | 14.24 | 18.62 | 71380 | 70260 | 93350 | 91890 | 1.30 | 8.0 | 16.3 | A |
| 3 | 1.507 | 6 | 0.751 | 0.44 | 0.443 | 15.51 | 19.78 | 77770 | 77240 | 99130 | 98450 | 1.00 | 8.0 | 12.5 | B |
| 4 | 1.510 | 6 | 0.752 | 0.44 | 0.444 | 15.29 | 19.42 | 76640 | 75950 | 97340 | 96460 | 1.10 | 8.0 | 13.8 | B |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

Witnessed By: Inaam Ullah (Planning Manager),JE (Barqaab Consultant)

BEND TEST:

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

Faisal Ali

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Site In-Charge Ittefaq Const.Associates.(330-R, Johar Town Lahore)

Client Reference: ICA/FLS/10

SOM Lab

Ref:

884 (Page-1/1)

Dated: 09-09-2022

Dated:

09-09-2022

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 ² | in ² | Tons | Tons | psi | psi | psi | psi | in | in | % | |
| 1 | 2.608 | 8 | 0.988 | 0.79 | 0.766 | 24.28 | 32.82 | 67790 | 69910 | 91640 | 94510 | 1.50 | 8.0 | 18.8 | |
| 2 | 1.478 | 6 | 0.743 | 0.44 | 0.434 | 16.26 | 19.16 | 81500 | 82620 | 96060 | 97390 | 1.20 | 8.0 | 15.0 | |
| 3 | 0.663 | 4 | 0.498 | 0.20 | 0.195 | 5.96 | 8.23 | 65760 | 67450 | 90720 | 93040 | 1.20 | 8.0 | 15.0 | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

BEND TEST:

| | | |
|-----|--|---|
| # 8 | Sample bend through 180 degrees Satisfactorily without any crack | Note:- 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

Barkallah Tahir, PE

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

RE.Sitara Heights.(Project "Sitara 3 Jays Tower Firdous Market Lahore)

Client Reference: SHPL/3JAYS/LHR/10

SOM Lab

Ref:

886 (Page-1/2)

Dated: 09-09-2022

Dated:

09-09-2022

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 ² | in ² | Tons | Tons | psi | psi | psi | psi | in | in | % | |
| 1 | 2.797 | 8 | 1.023 | 0.79 | 0.822 | 23.45 | 37.99 | 65460 | 62910 | 106060 | 101930 | 1.40 | 8.0 | 17.5 | |
| 2 | 2.792 | 8 | 1.022 | 0.79 | 0.821 | 23.36 | 37.61 | 65230 | 62770 | 105010 | 101050 | 1.40 | 8.0 | 17.5 | |
| 3 | 1.460 | 6 | 0.739 | 0.44 | 0.429 | 12.95 | 20.54 | 64890 | 66560 | 102960 | 105600 | 1.10 | 8.0 | 13.8 | |
| 4 | 1.458 | 6 | 0.738 | 0.44 | 0.428 | 13.00 | 20.85 | 65150 | 66970 | 104490 | 107420 | 1.50 | 8.0 | 18.8 | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

BEND TEST:

| | | |
|-----|--|---|
| # 8 | Sample bend through 180 degrees Satisfactorily without any crack | Note:- Only Six 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

Barkallah Tahir, PE

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

RE.Sitara Heights.(Project "Sitara Serena Tower Gulberg 3 Lahore)

Client Reference: SHPL/SERENA/LHR/10

SOM Lab

Ref:

886 (Page-2/2)

Dated: 09-09-2022

Dated:

09-09-2022

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 ² | in ² | Tons | Tons | psi | psi | psi | psi | in | in | % | |
| 1 | 2.698 | 8 | 1.005 | 0.79 | 0.793 | 22.73 | 36.62 | 63460 | 63220 | 102220 | 101840 | 1.40 | 8.0 | 17.5 | |
| 2 | 2.609 | 8 | 0.988 | 0.79 | 0.767 | 21.05 | 34.07 | 58770 | 60530 | 95110 | 97960 | 1.30 | 8.0 | 16.3 | |
| 3 | 1.458 | 6 | 0.738 | 0.44 | 0.428 | 12.79 | 19.49 | 64130 | 65920 | 97690 | 100430 | 1.20 | 8.0 | 15.0 | |
| 4 | 1.458 | 6 | 0.738 | 0.44 | 0.428 | 15.24 | 19.78 | 76390 | 78530 | 99130 | 101900 | 1.50 | 8.0 | 18.8 | |
| 5 | 0.699 | 4 | 0.511 | 0.20 | 0.205 | 5.98 | 9.35 | 65990 | 64380 | 103080 | 100570 | 1.00 | 8.0 | 12.5 | |
| 6 | 0.639 | 4 | 0.489 | 0.20 | 0.188 | 5.61 | 8.69 | 61830 | 65770 | 95770 | 101890 | 1.20 | 8.0 | 15.0 | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

BEND TEST:

| | | |
|-----|--|--|
| # 8 | Sample bend through 180 degrees Satisfactorily without any crack | Note:- Only Nine 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

Sohail Anjum

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Project Manager MS Tower, G4, Lahore (Const of MS Tower At Plot 450,451 Johar Town Lahore)

Client Reference: MST/BCC/UET/2022/S-011

SOM Lab

Ref: 887 (Page-1/1)

Dated: 09-09-2022

Dated: 09-09-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AF 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 ² | in ² | Tons | Tons | psi | psi | psi | psi | in | in | % | |
| 1 | 1.444 | 6 | 0.735 | 0.44 | 0.424 | 12.79 | 17.59 | 64130 | 66550 | 88190 | 91520 | 1.30 | 8.0 | 16.3 | |
| 2 | 1.488 | 6 | 0.746 | 0.44 | 0.437 | 14.79 | 19.49 | 74140 | 74650 | 97690 | 98370 | 1.10 | 8.0 | 13.8 | |
| 3 | 0.638 | 4 | 0.488 | 0.20 | 0.187 | 5.79 | 7.40 | 63850 | 68290 | 81610 | 87280 | 1.20 | 8.0 | 15.0 | |
| 4 | 0.638 | 4 | 0.488 | 0.20 | 0.187 | 6.30 | 7.90 | 69470 | 74300 | 87120 | 93170 | 1.20 | 8.0 | 15.0 | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

BEND TEST:

| | | |
|-----|--|---|
| # 6 | Sample bend through 180 degrees Satisfactorily without any crack | Note:- Only Six Samples Received and Tested |
| # 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

Prof.DR.Engr.Abdulah Yasar

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Campus Engineer, GC Uni, Lahore.(Const Of New Girls Hostel At GCU Lhr Main Campus)

Client Reference: GCU/Engr/877/W.O

SOM Lab

Ref: 888 (Page-1/1)

Dated: 08-09-2022

Dated: 09-09-2022

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 ² | in ² | Tons | Tons | psi | psi | psi | psi | in | in | % | |
| 1 | 2.625 | 8 | 0.991 | 0.79 | 0.771 | 26.98 | 34.76 | 75330 | 77190 | 97040 | 99430 | 1.20 | 8.0 | 15.0 | |
| 2 | 2.611 | 8 | 0.988 | 0.79 | 0.767 | 26.73 | 34.66 | 74620 | 76860 | 96760 | 99660 | 1.20 | 8.0 | 15.0 | |
| 3 | 1.583 | 6 | 0.769 | 0.44 | 0.465 | 17.86 | 21.71 | 89520 | 84710 | 108830 | 102980 | 1.00 | 8.0 | 12.5 | |
| 4 | 1.587 | 6 | 0.770 | 0.44 | 0.466 | 17.94 | 21.61 | 89930 | 84910 | 108320 | 102280 | 1.20 | 8.0 | 15.0 | |
| 5 | 0.682 | 4 | 0.505 | 0.20 | 0.200 | 7.08 | 8.72 | 78130 | 78130 | 96110 | 96110 | 1.20 | 8.0 | 15.0 | |
| 6 | 0.673 | 4 | 0.502 | 0.20 | 0.198 | 7.05 | 8.72 | 77790 | 78570 | 96110 | 97080 | 1.30 | 8.0 | 16.3 | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

BEND TEST:

| | | |
|-----|--|--|
| # 8 | Sample bend through 180 degrees Satisfactorily without any crack | Note:- Only Nine 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