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|----------------------|--------|---------------|--|-----------------|------------|-------------------|------------|----------------|-----------|
| Customer Name | SAMPLE | | | Standard | ZS433:2006 | Test Date | 2024/12/31 | QC Code | A0283 |
| Address | Sample | | | Type | Rebar | Grade | HRB400 | Length | 12 METERS |
| Customer ID | 0001 | E-mail | | Size | Y8 | Bundle No. | A1692 | Batch | A0015 |

SIZES TOLERANCE

| | | | | | |
|-----------------------------|-------------------------------------------|-----|-----------------------|---------------------------------------------------------------------------|-----|
| Cross-sectional Area | Permissible Deviation not exceed +/-8%: | Yes | Mass Per Metre | Permissible Deviation not exceed +/-8%(Y8), +/-5%(Y10-20), +/-8%(Y25-32): | Yes |
| Length | Permissible Deviation not exceed +/-25mm: | Yes | | | |

CHEMICAL PARAMETERS

| Test Piece | %C | %Mn | %Si | %S | %P | %Cr | %Ni | %Mo | %Al | %Cu | %V | %Ti | %Pb | %Sn | CE | RESULT |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|
| A0283 | 0.203 | 0.883 | 0.569 | 0.030 | 0.023 | 0.035 | 0.024 | 0.000 | 0.000 | 0.014 | 0.001 | 0.016 | 0.007 | 0.001 | 0.36 | PASS |
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Carbon Equivalent (CE)= C + (Mn/6) + (Cr +Mo + V)/5 + (Ni +Cu)/15

MECHANICAL PARAMETERS

| Test Piece | Yield Stress (Mpa) | | | Tensile Strength (Mpa) | | | Elongation % | | | Bend / Rebend Test | | | | RESULT | OVERALL RESULT | |
|------------|--------------------|-----|-----|------------------------|-----|-----|--------------|-----|-----|--------------------|------|------|--------|-------------|-----------------------|--|
| | 1st | 2nd | 3rd | 1st | 2nd | 3rd | 1st | 2nd | 3rd | 1st | 2nd | 3rd | RESULT | | | |
| A0283 | 481 | 464 | 535 | 618 | 601 | 642 | 21 | 34 | 29 | PASS | PASS | PASS | PASS | PASS | | |
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QR Code

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|--------------|-------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------|
| Sampling By: |  | Checked by (Stamp): |  | Approved By: |  |
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