

|                      |        |               |  |                 |            |                   |           |                |           |
|----------------------|--------|---------------|--|-----------------|------------|-------------------|-----------|----------------|-----------|
| <b>Customer Name</b> | SAMPLE |               |  | <b>Standard</b> | ZS433:2006 | <b>Test Date</b>  | 2025/1/24 | <b>QC Code</b> | A0355     |
| <b>Address</b>       | Sample |               |  | <b>Type</b>     | Rebar      | <b>Grade</b>      | HRB400    | <b>Length</b>  | 12 METERS |
| <b>Customer ID</b>   | 0001   | <b>E-mail</b> |  | <b>Size</b>     | Y16        | <b>Bundle No.</b> | A1943     | <b>Batch</b>   | A0020     |

**SIZES TOLERANCE**

|                             |                                           |     |                       |                                                                           |     |
|-----------------------------|-------------------------------------------|-----|-----------------------|---------------------------------------------------------------------------|-----|
| <b>Cross-sectional Area</b> | Permissible Deviation not exceed +/-8%:   | Yes | <b>Mass Per Metre</b> | Permissible Deviation not exceed +/-8%(Y8), +/-5%(Y10-20), +/-8%(Y25-32): | Yes |
| <b>Length</b>               | 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 |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|
| A0355      | 0.235 | 1.354 | 0.619 | 0.033 | 0.029 | 0.044 | 0.024 | 0.000 | 0.000 | 0.033 | 0.001 | 0.007 | 0.011 | 0.002 | 0.47 | PASS   |
|            |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |
|            |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |
|            |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |
|            |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |

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 / Rebind Test |      |      |        | RESULT      | <b>OVERALL RESULT</b> |  |
|------------|--------------------|-----|-----|------------------------|-----|-----|--------------|-----|-----|--------------------|------|------|--------|-------------|-----------------------|--|
|            | 1st                | 2nd | 3rd | 1st                    | 2nd | 3rd | 1st          | 2nd | 3rd | 1st                | 2nd  | 3rd  | RESULT |             |                       |  |
| A0355      | 493                | 501 | 505 | 655                    | 683 | 665 | 24           | 21  | 26  | PASS               | PASS | PASS | PASS   | <b>PASS</b> |                       |  |
|            |                    |     |     |                        |     |     |              |     |     |                    |      |      |        |             |                       |  |
|            |                    |     |     |                        |     |     |              |     |     |                    |      |      |        |             |                       |  |
|            |                    |     |     |                        |     |     |              |     |     |                    |      |      |        |             |                       |  |
|            |                    |     |     |                        |     |     |              |     |     |                    |      |      |        |             |                       |  |
|            |                    |     |     |                        |     |     |              |     |     |                    |      |      |        |             |                       |  |
|            |                    |     |     |                        |     |     |              |     |     |                    |      |      |        |             |                       |  |
|            |                    |     |     |                        |     |     |              |     |     |                    |      |      |        |             |                       |  |
|            |                    |     |     |                        |     |     |              |     |     |                    |      |      |        |             |                       |  |
|            |                    |     |     |                        |     |     |              |     |     |                    |      |      |        |             |                       |  |

**QR Code**

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