



NUCOR STEEL TUSCALOOSA, INC.

# MILL TEST CERTIFICATE

1700 HOLT RD N.E.  
Tuscaloosa, AL 35404-1000  
800 800-8204  
customerservice@nucortusk.com

| Load Number  | Tally            | Mill Order Number | PO NO   Line NO | Part Number   | Certificate Number | Prepared         |      |          |         |                         |       |       |       |         |       |       |        |           |       |      |  |
|--|------------------|-------------------|-----------------|---|--------------------|------------------|------|----------|---------|-------------------------|-------|-------|-------|---------|-------|-------|--------|-----------|-------|------|--|
| R056223  | 00000000543550   | N-128553-001      | 17467 1         |   | L460179-1          | 02/01/2014 23:46 |      |          |         |                         |       |       |       |         |       |       |        |           |       |      |  |
| <b>Grade</b>   |                  |                   |                 | <b>Customer:</b>  |                    |                  |      |          |         |                         |       |       |       |         |       |       |        |           |       |      |  |
| <b>Order Description:</b> Hot Roll Coil<br>A283 C, 0.1875 IN x 70.000 IN                 |                  |                   |                 | <b>Sold TO:</b><br>PLESA ANAHUAC Y CIAS SA DE CV TULTITLAN EM   |                    |                  |      |          |         |                         |       |       |       |         |       |       |        |           |       |      |  |
| <b>Quality Plan Description:</b><br>HRA283C,A36: Coil for conversion to A36-08/A283-C-03 |                  |                   |                 | <b>Ship TO:</b><br>PLESA ANAHUAC Y CIAS S.A. DE C.V ESCOBEDO NL |                    |                  |      |          |         |                         |       |       |       |         |       |       |        |           |       |      |  |
| Shipped Item   | Heat/Slab Number | Certified By      | C               | Mn  | P                  | S                | Si   | Cu       | Ni      | Cr                      | Mo    | Cb    | V     | Al      | Ti    | N2    | B      | Ca        | Sn    | CEV  |  |
| 4A3586   | B4M5435-02 ***   | B4M5435           | 0.18            | 0.42  | 0.010              | 0.006            | 0.07 | 0.16     | 0.06    | 0.11                    | 0.016 | 0.000 | 0.001 | 0.034   | 0.001 | 0.008 | 0.0000 | 0.0032    | 0.007 | 0.29 |  |
| 4A3887   | A4M0422-04-A *** | A4M0422           | 0.19            | 0.42  | 0.010              | 0.002            | 0.08 | 0.15     | 0.09    | 0.12                    | 0.019 | 0.000 | 0.002 | 0.032   | 0.001 | 0.008 | 0.0000 | 0.0026    | 0.006 | 0.31 |  |
| Shipped Item   | Certified By     | Heat Number       | Yield ksi       | Tensile ksi   | Y/T %              | ELONGATION %     |      | Bend OK? | Hard HB | Charpy Impacts (ft-lbs) |       |       |       | Shear % |       |       |        | Test Temp |       |      |  |
|  |                  |                   |                 |   |                    | 2"               | 8"   |          |         | Size mm                 | 1     | 2     | 3     | Avg     | 1     | 2     | 3      |           | Avg   |      |  |
| 4A3586   | S4A3586CTT       | B4M5435 ***       | 47.6            | 69.2  | 68.8               | 34.1             |      |          |         |                         |       |       |       |         |       |       |        |           |       |      |  |
| 4A3887   | S4A3582CTT       | A4M0422 ***       | 50.7            | 70.0  | 72.4               | 28.1             |      |          |         |                         |       |       |       |         |       |       |        |           |       |      |  |
| 4A3887   | S4A3584CTT       | A4M0422 ***       | 49.6            | 68.2  | 72.7               | 32.3             |      |          |         |                         |       |       |       |         |       |       |        |           |       |      |  |

Items: 2 PCS: 2 Weight: 100620 LBS

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Manufactured to a fully killed fine grain practice. ISO 9001:2008 Registered, PED Certified

We hereby certify that the product described above passed all of the tests required by the specifications.

Dr. Quilin Yu - Metallurgist

\*\*\*\* indicates Heats melted and Manufactured in the U.S.A.



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|--|------------------|-------------------|-----------------|---|--------------------|------------------|-------|----------|---------|--------------------|-------|-------|-------|---------|-------|-------|--------|-----------|-------|------|--|
| R056223  | 00000000543550   | N-128553-001      | 17467 1         |   | L460179-1          | 02/01/2014 23:46 |       |          |         |                    |       |       |       |         |       |       |        |           |       |      |  |
| <b>Grade</b>   |                  |                   |                 | <b>Customer:</b>  |                    |                  |       |          |         |                    |       |       |       |         |       |       |        |           |       |      |  |
| <b>Order Description:</b> Hot Roll Coil<br>A283 C, 0.1875 IN x 70.000 IN                 |                  |                   |                 | <b>Sold TO:</b><br>PLESA ANAHUAC Y CIAS SA DE CV TULTITLAN EM   |                    |                  |       |          |         |                    |       |       |       |         |       |       |        |           |       |      |  |
| <b>Quality Plan Description:</b><br>HRA283C,A36: Coil for conversion to A36-08/A283-C-03 |                  |                   |                 | <b>Ship TO:</b><br>PLESA ANAHUAC Y CIAS S.A. DE C.V ESCOBEDO NL |                    |                  |       |          |         |                    |       |       |       |         |       |       |        |           |       |      |  |
| Shipped Item   | Heat/Slab Number | Certified By      | C               | Mn  | P                  | S                | Si    | Cu       | Ni      | Cr                 | Mo    | Cb    | V     | Al      | Ti    | N2    | B      | Ca        | Sn    | CEV  |  |
| 4A3586   | B4M5435-02 ***   | B4M5435           | 0.18            | 0.42  | 0.010              | 0.006            | 0.07  | 0.16     | 0.06    | 0.11               | 0.016 | 0.000 | 0.001 | 0.034   | 0.001 | 0.008 | 0.0000 | 0.0032    | 0.007 | 0.29 |  |
| 4A3887   | A4M0422-04-A *** | A4M0422           | 0.19            | 0.42  | 0.010              | 0.002            | 0.08  | 0.15     | 0.09    | 0.12               | 0.019 | 0.000 | 0.002 | 0.032   | 0.001 | 0.008 | 0.0000 | 0.0026    | 0.006 | 0.31 |  |
| Shipped Item   | Certified By     | Heat Number       | Yield MPa       | Tensile MPa   | Y/T %              | ELONGATION %     |       | Bend OK? | Hard HB | Charpy Impacts (J) |       |       |       | Shear % |       |       |        | Test Temp |       |      |  |
|  |                  |                   |                 |   |                    | 50mm             | 200mm |          |         | Size mm            | 1     | 2     | 3     | Avg     | 1     | 2     | 3      |           | Avg   |      |  |
| 4A3586   | S4A3586CTT       | B4M5435 ***       | 328.2           | 477.1   | 68.8               | 34.1             |       |          |         |                    |       |       |       |         |       |       |        |           |       |      |  |
| 4A3887   | S4A3582CTT       | A4M0422 ***       | 349.6           | 482.7   | 72.4               | 28.1             |       |          |         |                    |       |       |       |         |       |       |        |           |       |      |  |
| 4A3887   | S4A3584CTT       | A4M0422 ***       | 342.0           | 470.2   | 72.7               | 32.3             |       |          |         |                    |       |       |       |         |       |       |        |           |       |      |  |

Items: 2 PCS: 2 Weight: 45640 KG

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