Name of Firm: CRIMSON STEEL SUPPLY

Signed: June 9, 2019

Journal of the Public and for the United States of America.

This is to certify that the listed material was used on the above project and the material is in complete compliance with the governing specifications and the attached.

<table>
<thead>
<tr>
<th>HEAT NUMBER</th>
<th>MATERIAL DESCRIPTION (SIZE-SHAPE)</th>
<th>INTENDED USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1822944</td>
<td>OK STEEL &amp; WIRE</td>
<td></td>
</tr>
<tr>
<td>6007166</td>
<td>#1 RIB REBAR</td>
<td></td>
</tr>
<tr>
<td>6007201</td>
<td>CMC</td>
<td></td>
</tr>
<tr>
<td>6003867</td>
<td>#3 COILED RIB REBAR</td>
<td></td>
</tr>
<tr>
<td>1038</td>
<td>W3.5</td>
<td></td>
</tr>
<tr>
<td>6.216</td>
<td>#4 COILED RIB REBAR</td>
<td></td>
</tr>
<tr>
<td>7.150</td>
<td>199</td>
<td></td>
</tr>
<tr>
<td>199</td>
<td>#4 COILED REBAR</td>
<td></td>
</tr>
</tbody>
</table>

Residence: 418 S Cherokee St. Muskogee, OK 74403

General Contractor: EMERY SUPPLY & SONS INC.

Address: 418 S Cherokee St. Muskogee, OK 74403

Contractor ID: 180341

STATE PROJECT NO.: NHP-101A(052)

Fabricator/Suppliers: CRIMSON STEEL SUPPLY

ODOT MATERIAL USE STATEMENT & CERTIFICATION
# ODOT CERTIFICATE OF MATERIALS ORIGIN

## PROJECT NO.: NHPP-101A(052)  
CONTRACT ID: 180341

| COUNTY: ADAIR  
| J/P: 16928(17)  
| RESIDENCY: 01200 SALLISAW  
| CONTRACTOR: EMERY SAPP & SONS, INC.  
| DATE: Jun 18, 2019  
| BID ITEM NAME & NO.: 511(A) REINFORCING STEEL  
| QUANTITY: 14,603#  

### DOMESTIC MATERIALS SOURCE (NAME AND ADDRESS) TO INCLUDE SUPPLIER, FABRICATOR, AND MANUFACTURER

CMC STEEL OKLA – 584 OLD HWY 70, DURANT, OK 74701  
OKLAHOMA STEEL & WIRE – HWY 70 S, MADILL, OK 73446

### DOMESTIC MATERIALS DESCRIPTION

- #11 GRADE 60 REINFORCING STEEL  
- #3,4 GRADE 60 COILED REINFORCING STEEL  
- W3.5

### DOMESTIC ENTITIES INVOLVED IN OTHER MANUFACTURING PROCESSES (I.E. GALLVANIZATION, EPOXYCOATING, WELDING, BENDING, ETC.)

NONE

### MATERIALS OF UNKNOWN ORIGIN OR FOREIGN MATERIALS DELIVERED TO THE PROJECT

NONE

This certification is made for the purpose of establishing the materials acceptance under the Buy America Certification (23CFR 635.410) and the Contract Special Provisions. All iron and steel manufacturing processes, including protective coating, for the domestic materials described above occurred in the United States of America. Manufacturer's certificates verifying the origin above described in the domestic materials will be kept on file for three years by the supplier following the final payment. Copies will be provided to the Oklahoma Department of Transportation upon their request. I declare under the penalty of perjury under the Oklahoma and Federal Laws that the foregoing is true and correct.

| Company Name and Address  
| Authorized Representative  
|  
| CRIMSON STEEL SUPPLY  
| 419 S CHEROKEE ST  
| MUSKOGEE, OK 74403  
| H118-166 / TS06193476 / 0BET 0BF3 0BFP 0BGE 0D36  
| Name: DENNIS BROWN  
| Title: HIGHWAY DIVISION  
| Signature:  
| Date: Jun 18, 2019  

MDT-2  4/09/14
The following is list of the material processed by this mill:

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rebar Deformation Max. Gap</td>
<td>0.0961N</td>
</tr>
<tr>
<td>Rebar Deformation Avg. Height</td>
<td>0.0171N</td>
</tr>
<tr>
<td>Bond Test 1</td>
<td>Passed</td>
</tr>
<tr>
<td>Bond Test Diameter</td>
<td>1.3131N</td>
</tr>
<tr>
<td>Elongation Gauge Value</td>
<td>18N</td>
</tr>
</tbody>
</table>

Cert. No.: 8209652 / 003657-2039
Met. Date: 11/05/2018
Roll Date: 11/05/2018
Grade: ASTM A915-18E Gir 42060
35.5L
Section: Spool Rebar 10mm (#3) 42060
Heat No.: 6033667

Quality Assurance Manager

Jackieです - CMC Steel

For additional copies call Certified Mill Test Report

Certified Mill Test Report

CMC Steel OKLAHOMA
### Material Information

The following is true of the material represented by this MTR:

- **Tensile Strength 1 (meets):** 70.02 kpsi
- **Tensile Strength 2 (meets):** 58.03 kpsi
- **Yield Strength 1 (meets):** 7.5 kpsi
- **Yield Strength 2 (meets):** 4.2 kpsi

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Eq</td>
<td>0.47%</td>
</tr>
<tr>
<td>C</td>
<td>0.13%</td>
</tr>
<tr>
<td>Si</td>
<td>0.32%</td>
</tr>
<tr>
<td>Mn</td>
<td>0.80%</td>
</tr>
<tr>
<td>P</td>
<td>0.02%</td>
</tr>
<tr>
<td>S</td>
<td>0.02%</td>
</tr>
<tr>
<td>Ni</td>
<td>0.01%</td>
</tr>
<tr>
<td>Mo</td>
<td>0.04%</td>
</tr>
<tr>
<td>Cu</td>
<td>0.00%</td>
</tr>
<tr>
<td>Al</td>
<td>0.00%</td>
</tr>
<tr>
<td>% Elongation at Peak Stress Test 1</td>
<td>1.7%</td>
</tr>
<tr>
<td>% Elongation at Peak Stress Test 2</td>
<td>1.9%</td>
</tr>
<tr>
<td>Rebar Deformation Avg: High</td>
<td>0.3%</td>
</tr>
<tr>
<td>Rebar Deformation Avg: Low</td>
<td>0.2%</td>
</tr>
<tr>
<td>Bend Test, Passed</td>
<td>0.8%</td>
</tr>
<tr>
<td>Bend Test, Failed</td>
<td>0.5%</td>
</tr>
<tr>
<td>Rebar Diameter Max. Cap</td>
<td>0.121 in</td>
</tr>
</tbody>
</table>

### Certifying Information

Certified: 2009-12-07
For additional copies call
CERTIFIED MILL TEST REPORT

Crimson Steel Supply LLC - Tulsa

We hereby certify that the test results presented here are accurate and conform to the reported grade specification.

Quality Assurance Manager

303-372-8771

Crimson Steel OKLAHOMA

540 Old Highway 70

Crimson Steel Supply LLC - Tulsa

Crimson Steel Supply LLC - Tulsa

Crimson Steel Supply LLC - Tulsa
### Material Test Results

**Material:** Steel

**Characteristics:**
- **Tensile Strength:** 77.9MPa
- **Yield Strength (LTS):** 68.8MPa
- **Yield Strength (TS):** 95.4ksi
- **Carbon Eq:** 0.40%
- **%C:** 0.07%
- **%Mn:** 0.0%
- **%Si:** 0.31%
- **%P:** 0.05%
- **%S:** 0.05%
- **%Cu:** 0.0%
- **%Ni:** 0.0%
- **%Cr:** 0.0%

**Test Details:**
- **Stretch at Peak Stress Test:** 1.77%
- **Band Test (Tension):** 0.797kN
- **Repetitive Deformation Max Gap:** 0.162kN
- **Repetitive Deformation Avg Height:** 0.076kN
- **Repetitive Deformation Avg Steel:** 0.36kN
- **Elongation at Percent:** 1.81%
- **Elongation at Percent:** 1.35%

**Certification:**
- **Certified Mill Test Report:** 830-37.2-8771
- For additional copies call: 405-677-6300
- **CNC SteelOKLAHOMA**
- 3401 E Hwy 70
- Oklahoma City, OK 73116

---

**Quality Assurance Manager:**

Jackie Seiler - CNC Steel

*Note: The information provided is for general reference only and may not be complete or up-to-date. It is recommended to contact the manufacturer or supplier for the most accurate and current information.*
Oklahoma Steel and Wire  
Highway 70 South  
Madill, OK 73446  
(580) 795-7311 (800) 654-4164 Fax (580) 795-7422

Physical Test Report

Date: 07/25/2018  
Customer Name: STEEL SPECIALTIES OF MS  
Customer Address: P.O. BOX 54128  
Pearl, MS 39288  
Customer Order Number: 00338494  
Item Number: B211  
Item Description: .211 B/B

<table>
<thead>
<tr>
<th>Description</th>
<th>Diameter</th>
<th>Tensile Strength (PSI)</th>
<th>Bend</th>
<th>Yield</th>
<th>Heat Number</th>
<th>Carbon</th>
<th>Manganese</th>
<th>Phosphorus</th>
<th>Sulfur</th>
<th>Silicon</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTM-1064-15</td>
<td>0.211</td>
<td>92574</td>
<td>PASS</td>
<td>82355</td>
<td>1822944</td>
<td>0.060</td>
<td>0.380</td>
<td>0.011</td>
<td>0.028</td>
<td>0.140</td>
</tr>
</tbody>
</table>

This material has been produced and tested in accordance with the requirements of ASTM 1064-16 and we hereby certify that the above test results are representative of those obtained on the material in this shipment. "Buy America" The raw material used to produce this product was melted and rolled in the United States.

Quality Manager
Oklahoma Steel and Wire Co., Inc.

Sworn and Subscribed to before me this 25th Day of July, 2018 A.D.

My Commission Expires

[Signature]

NOTARY PUBLIC State of OK
Comm. # 09004486
Expires 05-27-2021