

# AM/NS Calvert LLC

1 AM/NS Way  
Calvert, Al. 36513 USA



## Mill Certificate

CUSTOMER ORIGINAL

|  |                                  |  |                    |  |
|--|----------------------------------|--|--------------------|--|
| Order - Item<br>167715-110   | Certificate Number<br>1184288320 | Delivery No<br>82112612-10   | Date<br>02/26/2019 | Page<br>1 of 1   |
| Customer No: 14552   |                                  | Cust PO: AMMEX00767  |                    |  |
| Customer Part No: 11-  |                                  |  |                    |  |
| Customer Sold to:<br>ArcelorMittal Mexico<br>SA de CV<br>Francisco J Mugica 1 G Centro<br>60950 LAZARO CARDENAS<br>MEXICO                                |                                  | Customer Ship to:<br>ArcelorMittal Mexico SA de CV<br>Administracion Portuaria Integral<br>Edificio API Tampico S/N<br>89000 TAMPICO<br>MEXICO |                    | Contact - Stan Bevans<br>AM/NS Calvert LLC<br>1 AM/NS Way<br>CALVERT AL 36513<br>USA<br>Email: Stanley.Bevans@ArcelorMittal.com<br>Ph : 1-251-289-3000 |
| Steel Grade / Customer Specification<br>Hot Roll Black Coil Conv to A36 / 0.5000 " X 48.0000 " ACCORDING TO A1018 {Hvy 0.230"(6)-1"(25.4)}-Hot Roll Base |                                  |  |                    |  |
| Type of Product/Surface<br>Hot Roll Black Coil Unexposed IDS UNEXPOSED   |                                  |  |                    |  |

|                                     |                        |                     |                     |                     |                       |        |      |       |       |        |
|-------------------------------------|------------------------|---------------------|---------------------|---------------------|-----------------------|--------|------|-------|-------|--------|
| TEST METHOD                         | Melted in Mexico       |                     | Manufactured in USA |                     |                       |        |      |       |       |        |
| ASTM                                | Country of origin: USA |                     |                     |                     |                       |        |      |       |       |        |
| MATERIAL DESCRIPTION                |                        |                     |                     | Weight<br>Net<br>LB | Weight<br>Gross<br>LB |        |      |       |       |        |
|                                     | ORDERED                | Heat<br>No.         | Coil<br>No.         |                     |                       |        |      |       |       |        |
| (mm)                                | 12.700                 | 1910015             | 1184288320          | 51,037.000          | 51,037.000            |        |      |       |       |        |
| (in)                                | 0.5000                 |                     |                     |                     |                       |        |      |       |       |        |
| CHEMICAL COMPOSITION OF THE LADLE * |                        |                     |                     |                     |                       |        |      |       |       |        |
| Heat<br>No.                         | C                      | Si                  | Mn                  | P                   | S                     | Al     | Cr   | Cu    | Mo    | N      |
| 1910015                             | 0.2000                 | 0.01                | 0.84                | 0.007               | 0.005                 | 0.045  | 0.01 | 0.007 | 0.000 | 0.0040 |
|                                     | Ni                     | Nb                  | Ti                  | B                   | V                     | Ca     |      |       |       |        |
|                                     | 0.012                  | 0.000               | 0.001               | 0.0000              | 0.003                 | 0.0012 |      |       |       |        |
| TENSILE TEST                        |                        |                     |                     |                     |                       |        |      |       |       |        |
| Test<br>Direction                   | Yield<br>Strength      | Tensile<br>Strength | % Total<br>Elong.   |                     |                       |        |      |       |       |        |
| T                                   | 46 ksi                 | 68 ksi              | 44                  |                     |                       |        |      |       |       |        |

This is not a NAFTA or any other FTA certificate of origin  
AM/NS Calvert LLC certify that the material herein described has been manufactured, sampled, tested and inspected in accordance with the contract requirements and is fully in compliance.

\* - This test is not covered by our current A2LA accreditation

Yasunori Iwasa  
Quality Management Director  
AM/NS Calvert