

Order Nr: 1700002029
 Customer Nr: FERRE BARNIEDO

 Arcelor International America, LLC
 Mill business, Long Products
 350 Hudson Street

 Quality: A992 DUAL
 according to: ASTM A992/98 - A572 GR50
 PER AISC TB3 - ASTM A572/97C GR50
 FINE GRAIN SILICON KILLED

USA-10014 NEW YORK

Inspection certificate

ASTM A6 par18.

CA25430

| Lot Nr | Heat Nr | Dimension | Length | Pieces | Weight [t] | Customer Nr |
|--------|---------|-----------|--------|--------|------------|-------------|
| 002 | 13533 | C 10X20 | 40' | 72 | 26.128 | |
| 002 | 13534 | C 10X20 | 40' | 60 | 21.773 | |

Heat Analysis [%]

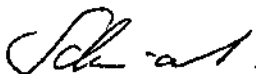
| Heat Nr | C | Si | Mn | P | S | N | Nb | V | Cr | Cu |
|---------|----------|------|------|-------|-------|-------|-------|-------|------|------|
| | max 0.23 | 0.40 | 1.50 | 0.035 | 0.045 | 0.012 | 0.050 | 0.110 | 0.35 | 0.60 |
| | min 0.10 | 0.10 | 0.50 | | | | 0.005 | | | |
| 13533 | 0.08 | 0.21 | 1.15 | 0.015 | 0.020 | 0.007 | 0.013 | 0.007 | 0.08 | 0.25 |
| 13534 | 0.08 | 0.21 | 1.15 | 0.015 | 0.021 | 0.005 | 0.013 | 0.009 | 0.08 | 0.29 |

Heat Analysis [%]

| Heat Nr | Ni | Mo | CEV1 | Sn |
|---------|----------|------|------|-------|
| | max 0.45 | 0.15 | 0.45 | |
| | min 0.12 | 0.03 | 0.32 | 0.016 |
| 13533 | 0.12 | 0.03 | 0.32 | 0.016 |
| 13534 | 0.12 | 0.03 | 0.32 | 0.017 |

| Heat Nr | Tensile test | | Elongation 50 mm [%] |
|---------|-----------------------|---------------------------|-------------------------|
| | Yield stress [PSI] | Tensile strength [PSI] | |
| | max 65000 | | |
| | min 50000 | 65000 | 21.0 |
| 13533 | 54810 | 71340 | 37.0 |
| 13534 | 50605 | 66555 | 34.3 |

 Renate Schmidt
 Works inspector



2004-05-10