

**Elgiloy Specialty Metals - Hampshire Mill**  
Stainless Steel Alloy Surcharges



For Orders Promised for Shipment:  
November 4, 2018 through December 1, 2018

| AISI GRADE       | CHROME   | NICKEL   | MOLY     | Ferro Cb | IRON     | Ti       | Mn       | Copper   | Nb       | Energy | Electrode | TOTAL    |
|------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|-----------|----------|
| 201 4.0% Ni      | \$0.1964 | \$0.2045 |          |          | \$0.0826 |          | \$0.0378 | \$0.0051 |          |        | \$0.0350  | \$0.5614 |
| 201 4.3% Ni      | \$0.1964 | \$0.2199 |          |          | \$0.0822 |          | \$0.0431 |          |          |        | \$0.0350  | \$0.5766 |
| 2205             | \$0.2701 | \$0.2684 | \$0.3691 |          | \$0.0772 |          | \$0.0075 |          |          |        | \$0.0350  | \$1.0273 |
| A286             | \$0.2291 | \$1.3264 | \$0.1145 |          | \$0.0687 |          | \$0.0000 |          |          |        | \$0.0900  | \$1.8287 |
| Alloy 625        | \$1.1194 | \$3.2055 | \$0.9162 |          | \$0.0060 |          | \$0.0000 |          | \$1.4772 |        | \$0.0900  | \$6.8143 |
| Alloy 718        | \$0.9595 | \$2.7633 | \$0.3436 |          | \$0.0241 |          | \$0.0000 |          | \$2.3448 |        | \$0.0900  | \$6.5253 |
| 301 6.0% Ni      | \$0.2111 | \$0.3068 |          |          | \$0.0850 |          |          |          |          |        | \$0.0350  | \$0.6379 |
| 301 6.6% Ni      | \$0.2087 | \$0.3375 |          |          | \$0.0864 |          |          |          |          |        | \$0.0350  | \$0.6676 |
| 301 7.0% Ni      | \$0.2087 | \$0.3579 |          |          | \$0.0859 |          |          |          |          |        | \$0.0350  | \$0.6875 |
| 304/304L         | \$0.2209 | \$0.4090 |          |          | \$0.0836 |          |          |          |          |        | \$0.0350  | \$0.7485 |
| 304/304L 8.5%    | \$0.2209 | \$0.4346 |          |          | \$0.0830 |          |          |          |          |        | \$0.0350  | \$0.7735 |
| 304/304L 9.0%    | \$0.2209 | \$0.4601 |          |          | \$0.0824 |          |          |          |          |        | \$0.0350  | \$0.7984 |
| 304/304L 9.5%    | \$0.2209 | \$0.4857 |          |          | \$0.0818 |          |          |          |          |        | \$0.0350  | \$0.8234 |
| 304L 9.75%       | \$0.2234 | \$0.4985 |          |          | \$0.0813 |          |          |          |          |        | \$0.0350  | \$0.8382 |
| 304L 10%         | \$0.2240 | \$0.5113 |          |          | \$0.0810 |          |          |          |          |        | \$0.0350  | \$0.8513 |
| 305              | \$0.2271 | \$0.5931 |          |          | \$0.0788 |          |          |          |          |        | \$0.0350  | \$0.9340 |
| 305 12% Ni       | \$0.2271 | \$0.6136 |          |          | \$0.0783 | \$0.0000 |          |          |          |        | \$0.0350  | \$0.9540 |
| 305 12.4% Ni     | \$0.2246 | \$0.6339 |          |          | \$0.0772 | \$0.0000 |          |          |          |        | \$0.0350  | \$0.9707 |
| 17-4 PH          | \$0.1841 | \$0.1790 |          | \$0.0297 | \$0.0882 |          | \$0.0017 | \$0.0508 | \$0.0000 |        | \$0.0350  | \$0.5685 |
| 17-7 PH          | \$0.2051 | \$0.3682 |          |          | \$0.0860 |          |          |          |          |        | \$0.0350  | \$0.6943 |
| 309/309S         | \$0.2701 | \$0.6136 |          |          | \$0.0743 |          |          |          |          |        | \$0.0350  | \$0.9930 |
| 310/310S         | \$0.2946 | \$0.9714 |          |          | \$0.0638 |          |          |          |          |        | \$0.0350  | \$1.3648 |
| 316/316L         | \$0.1964 | \$0.5113 | \$0.2461 |          | \$0.0812 |          |          |          |          |        | \$0.0350  | \$1.0700 |
| 316/316L(2.5%Mo) | \$0.1964 | \$0.5113 | \$0.3076 |          | \$0.0807 |          |          |          |          |        | \$0.0350  | \$1.1310 |
| 316L(2.75%Mo)    | \$0.1964 | \$0.5113 | \$0.3383 |          | \$0.0804 |          |          |          |          |        | \$0.0350  | \$1.1614 |
| 316 Ti           | \$0.2025 | \$0.5368 | \$0.2461 |          | \$0.0798 | \$0.0000 |          |          |          |        | \$0.0350  | \$1.1002 |
| 317L             | \$0.2209 | \$0.5624 | \$0.3691 |          | \$0.0766 |          |          |          |          |        | \$0.0350  | \$1.2640 |
| 321              | \$0.2087 | \$0.4601 |          |          | \$0.0832 | \$0.0000 |          |          |          |        | \$0.0350  | \$0.7870 |
| 347              | \$0.2087 | \$0.4601 |          |          | \$0.0827 |          |          |          | \$0.3564 |        | \$0.0350  | \$1.1429 |
| 904L             | \$0.4693 | \$1.3817 | \$0.5726 |          | \$0.0567 |          |          | \$0.0170 |          |        | \$0.0900  | \$2.5873 |
| 409              | \$0.1320 | \$0.0000 |          |          | \$0.1010 | \$0.0000 |          |          |          |        | \$0.0350  | \$0.2680 |
| 410s             | \$0.1411 | \$0.0000 |          |          | \$0.1004 |          |          |          |          |        | \$0.0350  | \$0.2765 |
| 420              | \$0.1534 | \$0.0000 |          |          | \$0.0992 |          |          |          |          |        | \$0.0350  | \$0.2876 |
| 430/431          | \$0.1964 | \$0.0000 |          |          | \$0.0952 |          |          |          |          |        | \$0.0350  | \$0.3266 |
| 434              | \$0.1964 | \$0.0000 | \$0.0923 |          | \$0.0943 |          |          |          |          |        | \$0.0350  | \$0.4180 |
| 436              | \$0.2117 | \$0.0000 | \$0.1415 | \$0.0592 | \$0.0915 | \$0.0000 | \$0.0017 |          |          |        | \$0.0350  | \$0.5406 |
| 439              | \$0.2087 | \$0.0000 | \$0.0000 |          | \$0.0936 | \$0.0000 |          |          |          |        | \$0.0350  | \$0.3373 |
| 441              | \$0.2148 | \$0.0000 | \$0.0000 |          | \$0.0927 | \$0.0000 |          |          | \$0.2110 |        | \$0.0350  | \$0.5535 |
| 444              | \$0.2148 | \$0.0000 | \$0.2153 |          | \$0.0908 | \$0.0000 |          |          | \$0.1313 |        | \$0.0350  | \$0.6872 |

Monthly Average:    \$1.24            \$5.71            \$11.92            \$17.65            \$400.00            \$2.53            \$1,390.63            \$2.83            \$29.25            \$3.02            \$0.04

ALL TOTALS ARE ROUNDED TO 4 DECIMAL PLACES

Grades with specified minimum nickel, molybdenum, chrome, or other alloy contents different than the AISI standards will be calculated based on the minimum specified.

Note: The effective date on this announcement supercede all previous effective dates.

10/5/2018