## **Surcharges for High Performance Stainless Plate** outokumpu 🍆 Scheduled for orders for delivery **North America** October 1, 2016 through October 29, 2016 \$4.5239 \$1.8000 **Alloy Averages** \$7.2716 \$0.9188 \$0.1036 \$2.8530 **GRADE NICKEL CHROME IRON** TITANIUM **TOTAL** MOLY **ENERGY** 303 \$0.0000 \$0.2423 \$0.1229 \$0.0296 \$0.0000 \$0.0000 \$0.3947 304/304L \$0.2423 \$0.1229 \$0.0296 \$0.0000 \$0.0000 \$0.3947 \$0.0000 304L 9.0 \$0.0000 \$0.2726 \$0.1229 \$0.0292 \$0.0000 \$0.0000 \$0.4246 309/309S \$0.0000 \$0.3634 \$0.1502 \$0.0263 \$0.0000 \$0.0000 \$0.5399 \$0.1638 \$0.0226 \$0.0000 \$0.7619 310/310S \$0.0000 \$0.5754 \$0.0000 316/316L \$0.1025 \$0.3029 \$0.1092 \$0.0288 \$0.0000 \$0.0000 \$0.5433 316/L MIN MOLY \$0.1281 \$0.3029 \$0.1092 \$0.0285 \$0.0000 \$0.0000 \$0.5687 \$0.1092 \$0.0288 \$0.0000 \$0.5433 316TI \$0.1025 \$0.3029 \$0.0000 317/317L \$0.1229 \$0.0271 \$0.0000 \$0.1538 \$0.3332 \$0.0000 \$0.6369 317LM/LMN \$0.2204 \$0.4240 \$0.1304 \$0.0233 \$0.0000 \$0.0000 \$0.7981 \$0.2726 \$0.0296 \$0.0000 \$0.4182 321 \$0.0000 \$0.1160 \$0.0000 347 \$0.0000 \$0.2726 \$0.1160 \$0.0296 \$0.0000 \$0.0000 \$0.4182 409/409S \$0.0000 \$0.0000 \$0.0717 \$0.0359 \$0.0000 \$0.0000 \$0.1076 405/410/410S \$0.0000 \$0.0000 \$0.0785 \$0.0355 \$0.0000 \$0.0000 \$0.1140 2507 \$0.1538 \$0.1817 \$0.1638 \$0.0267 \$0.0000 \$0.0000 \$0.5260 2304 \$0.0000 \$0.0909 \$0.1570 \$0.0287 \$0.0000 \$0.0000 \$0.2765 153MA \$0.0000 \$0.2877 \$0.1263 \$0.0285 \$0.0000 \$0.0000 \$0.4425 253MA \$0.0000 \$0.3332 \$0.1433 \$0.0265 \$0.0000 \$0.0000 \$0.5030 2205 CPT \$0.1538 \$0.1605 \$0.1502 \$0.0273 \$0.0000 \$0.0000 \$0.4918 \$0.1468 \$0.0290 \$0.2365 LDX2101 \$0.0154 \$0.0454 \$0.0000 \$0.0000 254SM0 \$0.3076 \$0.5973 \$0.1245 \$0.0196 \$0.0000 \$0.0000 \$1.0489

Surcharge calculation for Nickel is based on the average daily LME cash settlement price from the 21st of month one through the 20th of month two.

\$0.1494

\$0.1245

\$0.0170

\$0.0193

\$0.0000

\$0.0000

\$0.0000

\$0.0000

\$1.0478

\$1.0222

Molybdenum and Chrome calculation information published in Platts Metals Week the average of the four most recent weekly prices published on or before the 20th of the month, less the Moly base of \$3.00/ less Nickel base of \$2.00/ less Chromium base of \$.35 with a yield adjustment factor of \$1.20.

Nickel premium of \$.30/lb apply to above formula on 254SMO and 904L.

\$0.3588

\$0.2563

654SM0

904L

The iron component is based on the "#1 busheling" price for Pittsburgh published in the AMM, from a base price of \$140/GT (\$.0625).

\$0.5226

\$0.6222

The Energy component is calculated using the NYMEX Henry Hub Natural Gas final settlement price two months prior to the shipping month.

\*\*These grades only - surcharges are applicable at the time of order entry (10/31/16).