

# METALLUS

Published December 12, 2023

## Surcharge List - January 2024 Data (\$/CWT)

Effective Jan. 1, 2024 through Jan. 31, 2024

Scrap Surcharge:  
\$19.75/ CWT

Energy Surcharge:  
Bar- \$0.00 Tube - \$.00  
\*Not included in Total below

| Grade | Scrap  | Alloy  | Cr    | Ni     | Mo    | V     | Mn    | Total  |
|-------|--------|--------|-------|--------|-------|-------|-------|--------|
| 1010  | 19.750 | 0.138  | 0.000 | 0.000  | 0.000 | 0.000 | 0.138 | 19.888 |
| 1015  | 19.750 | 0.138  | 0.000 | 0.000  | 0.000 | 0.000 | 0.138 | 19.888 |
| 1018  | 19.750 | 0.229  | 0.000 | 0.000  | 0.000 | 0.000 | 0.229 | 19.979 |
| 1020  | 19.750 | 0.138  | 0.000 | 0.000  | 0.000 | 0.000 | 0.138 | 19.888 |
| 1022  | 19.750 | 0.260  | 0.000 | 0.000  | 0.000 | 0.000 | 0.260 | 20.010 |
| 1025  | 19.750 | 0.138  | 0.000 | 0.000  | 0.000 | 0.000 | 0.138 | 19.888 |
| 1026  | 19.750 | 0.229  | 0.000 | 0.000  | 0.000 | 0.000 | 0.229 | 19.979 |
| 1028  | 19.750 | 0.284  | 0.000 | 0.000  | 0.000 | 0.000 | 0.284 | 20.034 |
| 1029  | 19.750 | 0.229  | 0.000 | 0.000  | 0.000 | 0.000 | 0.229 | 19.979 |
| 1030  | 19.750 | 0.229  | 0.000 | 0.000  | 0.000 | 0.000 | 0.229 | 19.979 |
| 1035  | 19.750 | 0.229  | 0.000 | 0.000  | 0.000 | 0.000 | 0.229 | 19.979 |
| 1038  | 19.750 | 0.229  | 0.000 | 0.000  | 0.000 | 0.000 | 0.229 | 19.979 |
| 1040  | 19.750 | 0.229  | 0.000 | 0.000  | 0.000 | 0.000 | 0.229 | 19.979 |
| 1042  | 19.750 | 0.229  | 0.000 | 0.000  | 0.000 | 0.000 | 0.229 | 19.979 |
| 1043  | 19.750 | 0.260  | 0.000 | 0.000  | 0.000 | 0.000 | 0.260 | 20.010 |
| 1045  | 19.750 | 0.229  | 0.000 | 0.000  | 0.000 | 0.000 | 0.229 | 19.979 |
| 1050  | 19.750 | 0.229  | 0.000 | 0.000  | 0.000 | 0.000 | 0.229 | 19.979 |
| 1053  | 19.750 | 0.260  | 0.000 | 0.000  | 0.000 | 0.000 | 0.260 | 20.010 |
| 1055  | 19.750 | 0.229  | 0.000 | 0.000  | 0.000 | 0.000 | 0.229 | 19.979 |
| 1060  | 19.750 | 0.229  | 0.000 | 0.000  | 0.000 | 0.000 | 0.229 | 19.979 |
| 1080  | 19.750 | 0.229  | 0.000 | 0.000  | 0.000 | 0.000 | 0.229 | 19.979 |
| 1090  | 19.750 | 0.229  | 0.000 | 0.000  | 0.000 | 0.000 | 0.229 | 19.979 |
| 1117  | 19.750 | 0.352  | 0.000 | 0.000  | 0.000 | 0.000 | 0.352 | 20.102 |
| 1137  | 19.750 | 0.459  | 0.000 | 0.000  | 0.000 | 0.000 | 0.459 | 20.209 |
| 1141  | 19.750 | 0.459  | 0.000 | 0.000  | 0.000 | 0.000 | 0.459 | 20.209 |
| 1144  | 19.750 | 0.459  | 0.000 | 0.000  | 0.000 | 0.000 | 0.459 | 20.209 |
| 1340  | 19.750 | 0.535  | 0.000 | 0.000  | 0.000 | 0.000 | 0.535 | 20.285 |
| 1516  | 19.750 | 0.436  | 0.000 | 0.000  | 0.000 | 0.000 | 0.436 | 20.186 |
| 1522  | 19.750 | 0.382  | 0.000 | 0.000  | 0.000 | 0.000 | 0.382 | 20.132 |
| 1552  | 19.750 | 0.413  | 0.000 | 0.000  | 0.000 | 0.000 | 0.413 | 20.163 |
| 1566  | 19.750 | 0.306  | 0.000 | 0.000  | 0.000 | 0.000 | 0.306 | 20.056 |
| 3310  | 19.750 | 22.014 | 3.431 | 18.422 | 0.000 | 0.000 | 0.161 | 41.764 |
| 3311  | 19.750 | 21.704 | 3.159 | 18.422 | 0.000 | 0.000 | 0.122 | 41.454 |
| 4023  | 19.750 | 5.522  | 0.000 | 0.000  | 5.278 | 0.000 | 0.245 | 25.272 |
| 4027  | 19.750 | 5.522  | 0.000 | 0.000  | 5.278 | 0.000 | 0.245 | 25.272 |
| 4118  | 19.750 | 3.762  | 1.089 | 0.000  | 2.428 | 0.000 | 0.245 | 23.512 |
| 4120  | 19.750 | 4.894  | 1.089 | 0.000  | 3.483 | 0.000 | 0.321 | 24.644 |
| 4121  | 19.750 | 6.743  | 1.198 | 0.000  | 5.278 | 0.000 | 0.268 | 26.493 |
| 4130  | 19.750 | 6.445  | 2.070 | 0.000  | 4.222 | 0.000 | 0.153 | 26.195 |
| 4135  | 19.750 | 6.536  | 2.070 | 0.000  | 4.222 | 0.000 | 0.245 | 26.286 |
| 4140  | 19.750 | 6.559  | 2.070 | 0.000  | 4.222 | 0.000 | 0.268 | 26.309 |
| 4142  | 19.750 | 6.559  | 2.070 | 0.000  | 4.222 | 0.000 | 0.268 | 26.309 |
| 4145  | 19.750 | 6.559  | 2.070 | 0.000  | 4.222 | 0.000 | 0.268 | 26.309 |
| 4150  | 19.750 | 6.559  | 2.070 | 0.000  | 4.222 | 0.000 | 0.268 | 26.309 |
| 4319  | 19.750 | 15.893 | 1.089 | 9.343  | 5.278 | 0.000 | 0.183 | 35.643 |

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Energy Surcharge:  
Bar- \$0.00 Tube - \$0.00  
\*Not included in Total below

| Grade    | Scrap  | Alloy  | Cr    | Ni     | Mo     | V     | Mn    | Total  |
|----------|--------|--------|-------|--------|--------|-------|-------|--------|
| 4320     | 19.750 | 16.141 | 1.089 | 9.606  | 5.278  | 0.000 | 0.168 | 35.891 |
| 4340     | 19.750 | 16.848 | 1.743 | 9.606  | 5.278  | 0.000 | 0.222 | 36.598 |
| 4350     | 19.750 | 16.747 | 1.634 | 9.606  | 5.278  | 0.000 | 0.229 | 36.497 |
| 4619     | 19.750 | 15.705 | 0.654 | 9.606  | 5.278  | 0.000 | 0.168 | 35.455 |
| 4715     | 19.750 | 17.000 | 1.198 | 4.474  | 11.083 | 0.000 | 0.245 | 36.750 |
| 4820     | 19.750 | 23.883 | 0.000 | 18.422 | 5.278  | 0.000 | 0.183 | 43.633 |
| 5046     | 19.750 | 0.867  | 0.599 | 0.000  | 0.000  | 0.000 | 0.268 | 20.617 |
| 5060     | 19.750 | 1.357  | 1.089 | 0.000  | 0.000  | 0.000 | 0.268 | 21.107 |
| 5120     | 19.750 | 1.987  | 1.743 | 0.000  | 0.000  | 0.000 | 0.245 | 21.737 |
| 5130     | 19.750 | 2.314  | 2.070 | 0.000  | 0.000  | 0.000 | 0.245 | 22.064 |
| 5135     | 19.750 | 2.229  | 2.015 | 0.000  | 0.000  | 0.000 | 0.214 | 21.979 |
| 5150     | 19.750 | 1.987  | 1.743 | 0.000  | 0.000  | 0.000 | 0.245 | 21.737 |
| 5160     | 19.750 | 2.010  | 1.743 | 0.000  | 0.000  | 0.000 | 0.268 | 21.760 |
| 5165     | 19.750 | 2.010  | 1.743 | 0.000  | 0.000  | 0.000 | 0.268 | 21.760 |
| 5219     | 19.750 | 1.814  | 1.416 | 0.000  | 0.000  | 0.000 | 0.397 | 21.564 |
| 6150     | 19.750 | 3.806  | 2.070 | 0.000  | 0.000  | 1.492 | 0.245 | 23.556 |
| 8019     | 19.750 | 3.714  | 1.253 | 0.000  | 2.217  | 0.000 | 0.245 | 23.464 |
| 8119     | 19.750 | 6.098  | 1.307 | 1.711  | 2.744  | 0.000 | 0.336 | 25.848 |
| 8219     | 19.750 | 6.348  | 1.307 | 1.711  | 2.955  | 0.000 | 0.375 | 26.098 |
| 8319     | 19.750 | 7.192  | 1.307 | 1.711  | 3.800  | 0.000 | 0.375 | 26.942 |
| 8617     | 19.750 | 8.451  | 1.089 | 2.895  | 4.222  | 0.000 | 0.245 | 28.201 |
| 8620     | 19.750 | 8.451  | 1.089 | 2.895  | 4.222  | 0.000 | 0.245 | 28.201 |
| 8625     | 19.750 | 8.451  | 1.089 | 2.895  | 4.222  | 0.000 | 0.245 | 28.201 |
| 8630     | 19.750 | 8.451  | 1.089 | 2.895  | 4.222  | 0.000 | 0.245 | 28.201 |
| 8640     | 19.750 | 8.474  | 1.089 | 2.895  | 4.222  | 0.000 | 0.268 | 28.224 |
| 8740     | 19.750 | 9.529  | 1.089 | 2.895  | 5.278  | 0.000 | 0.268 | 29.279 |
| 8822     | 19.750 | 11.640 | 1.089 | 2.895  | 7.389  | 0.000 | 0.268 | 31.390 |
| 9260     | 19.750 | 0.268  | 0.000 | 0.000  | 0.000  | 0.000 | 0.268 | 20.018 |
| 9310     | 19.750 | 22.317 | 2.614 | 17.106 | 2.428  | 0.000 | 0.168 | 42.067 |
| 9840     | 19.750 | 12.529 | 1.743 | 5.264  | 5.278  | 0.000 | 0.245 | 32.279 |
| 52100    | 19.750 | 3.320  | 3.213 | 0.000  | 0.000  | 0.000 | 0.107 | 23.070 |
| 1010M+Ti | 19.750 | 0.229  | 0.000 | 0.000  | 0.000  | 0.000 | 0.229 | 19.979 |
| 1020V3   | 19.750 | 0.619  | 0.000 | 0.000  | 0.000  | 0.298 | 0.321 | 20.369 |
| 1022M    | 19.750 | 0.298  | 0.000 | 0.000  | 0.000  | 0.000 | 0.298 | 20.048 |
| 1026HS   | 19.750 | 0.876  | 0.000 | 0.000  | 0.000  | 0.646 | 0.229 | 20.626 |
| 1045H    | 19.750 | 0.229  | 0.000 | 0.000  | 0.000  | 0.000 | 0.229 | 19.979 |
| 1050M1   | 19.750 | 0.329  | 0.000 | 0.000  | 0.000  | 0.000 | 0.329 | 20.079 |
| 1050M2   | 19.750 | 0.290  | 0.000 | 0.000  | 0.000  | 0.000 | 0.290 | 20.040 |
| 1050MV   | 19.750 | 0.428  | 0.000 | 0.000  | 0.000  | 0.199 | 0.229 | 20.178 |
| 1060M    | 19.750 | 0.214  | 0.000 | 0.000  | 0.000  | 0.000 | 0.214 | 19.964 |
| 1070M    | 19.750 | 0.290  | 0.000 | 0.000  | 0.000  | 0.000 | 0.290 | 20.040 |
| 1080M    | 19.750 | 0.228  | 0.000 | 0.000  | 0.000  | 0.000 | 0.228 | 19.978 |
| 10B36    | 19.750 | 0.382  | 0.000 | 0.000  | 0.000  | 0.000 | 0.382 | 20.132 |
| 10B41    | 19.750 | 0.290  | 0.000 | 0.000  | 0.000  | 0.000 | 0.290 | 20.040 |
| 10V40M   | 19.750 | 0.960  | 0.000 | 0.000  | 0.000  | 0.646 | 0.313 | 20.710 |

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Bar- \$0.00 Tube - \$0.00  
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| Grade         | Scrap  | Alloy  | Cr    | Ni    | Mo     | V     | Mn    | Total  |
|---------------|--------|--------|-------|-------|--------|-------|-------|--------|
| 10V45         | 19.750 | 1.323  | 0.000 | 0.000 | 0.000  | 1.094 | 0.229 | 21.073 |
| 1141V         | 19.750 | 1.304  | 0.000 | 0.000 | 0.000  | 0.845 | 0.459 | 21.054 |
| 1516CbV1      | 19.750 | 1.151  | 0.000 | 0.000 | 0.000  | 0.746 | 0.405 | 20.901 |
| 1517VCbCa2    | 19.750 | 0.574  | 0.000 | 0.000 | 0.000  | 0.249 | 0.326 | 20.324 |
| 1518CbV       | 19.750 | 1.141  | 0.272 | 0.000 | 0.000  | 0.497 | 0.371 | 20.891 |
| 1518VCa2      | 19.750 | 0.673  | 0.000 | 0.000 | 0.000  | 0.298 | 0.375 | 20.423 |
| 1519V         | 19.750 | 0.479  | 0.000 | 0.000 | 0.000  | 0.149 | 0.330 | 20.229 |
| 1519VCbCa2    | 19.750 | 1.022  | 0.000 | 0.000 | 0.000  | 0.696 | 0.326 | 20.772 |
| 1520VNB       | 19.750 | 0.932  | 0.000 | 0.000 | 0.000  | 0.547 | 0.385 | 20.682 |
| 1538M         | 19.750 | 0.367  | 0.000 | 0.000 | 0.000  | 0.000 | 0.367 | 20.117 |
| 1552M1        | 19.750 | 0.459  | 0.000 | 0.000 | 0.000  | 0.000 | 0.459 | 20.209 |
| 15B23MoV      | 19.750 | 2.820  | 0.327 | 0.000 | 1.583  | 0.497 | 0.413 | 22.570 |
| 15B29         | 19.750 | 0.390  | 0.000 | 0.000 | 0.000  | 0.000 | 0.390 | 20.140 |
| 15B37H        | 19.750 | 0.382  | 0.000 | 0.000 | 0.000  | 0.000 | 0.382 | 20.132 |
| 15B41H        | 19.750 | 0.459  | 0.000 | 0.000 | 0.000  | 0.000 | 0.459 | 20.209 |
| 15CrMo5       | 19.750 | 8.073  | 2.505 | 0.000 | 5.278  | 0.000 | 0.290 | 27.823 |
| 15CrMoV6      | 19.750 | 24.772 | 2.996 | 0.000 | 19.000 | 2.486 | 0.290 | 44.522 |
| 15V10M        | 19.750 | 2.795  | 0.000 | 0.000 | 1.583  | 0.746 | 0.466 | 22.545 |
| 15V20         | 19.750 | 2.122  | 0.000 | 0.000 | 0.000  | 1.740 | 0.382 | 21.872 |
| 17-22-AS      | 19.750 | 15.933 | 2.723 | 0.000 | 10.555 | 2.486 | 0.168 | 35.683 |
| 17-22-AV      | 19.750 | 21.961 | 2.723 | 0.000 | 10.555 | 8.453 | 0.229 | 41.711 |
| 17CrNiMo6     | 19.750 | 18.300 | 3.595 | 8.158 | 6.333  | 0.000 | 0.214 | 38.050 |
| 18CrNiMo7-6   | 19.750 | 18.300 | 3.595 | 8.158 | 6.333  | 0.000 | 0.214 | 38.050 |
| 2.25Cr1Mo     | 19.750 | 26.150 | 4.902 | 0.000 | 21.111 | 0.000 | 0.138 | 45.900 |
| 20MnCr5       | 19.750 | 2.888  | 2.505 | 0.000 | 0.000  | 0.000 | 0.382 | 22.638 |
| 20MoCr4M      | 19.750 | 10.772 | 1.035 | 0.000 | 9.500  | 0.000 | 0.237 | 30.522 |
| 23MnNiMoCr5-4 | 19.750 | 18.346 | 1.089 | 5.264 | 11.611 | 0.000 | 0.382 | 38.096 |
| 25MoCr4       | 19.750 | 11.029 | 1.797 | 0.000 | 8.972  | 0.000 | 0.260 | 30.779 |
| 31CrMoV9      | 19.750 | 11.328 | 5.446 | 0.000 | 4.222  | 1.492 | 0.168 | 31.078 |
| 34CrNiMo6V    | 19.750 | 17.477 | 3.595 | 8.685 | 4.750  | 0.249 | 0.199 | 37.227 |
| 36CrNiMo4     | 19.750 | 12.763 | 2.288 | 5.527 | 4.750  | 0.000 | 0.199 | 32.513 |
| 38MnS6BY      | 19.750 | 0.770  | 0.327 | 0.000 | 0.000  | 0.000 | 0.443 | 20.520 |
| 38MnS6ICI     | 19.750 | 0.762  | 0.327 | 0.000 | 0.000  | 0.000 | 0.436 | 20.512 |
| 38MnS6MOD     | 19.750 | 0.755  | 0.327 | 0.000 | 0.000  | 0.000 | 0.428 | 20.505 |
| 38MnS6VBYMod  | 19.750 | 1.051  | 0.218 | 0.000 | 0.000  | 0.398 | 0.436 | 20.801 |
| 38MNVMod      | 19.750 | 1.407  | 0.000 | 0.000 | 0.000  | 0.994 | 0.413 | 21.157 |
| 38MnVS6MOD    | 19.750 | 2.692  | 0.000 | 0.000 | 0.000  | 2.387 | 0.306 | 22.442 |
| 40CrNiMoA     | 19.750 | 14.549 | 1.743 | 8.158 | 4.433  | 0.000 | 0.214 | 34.299 |
| 4118H         | 19.750 | 3.762  | 1.089 | 0.000 | 2.428  | 0.000 | 0.245 | 23.512 |
| 4121M         | 19.750 | 7.668  | 1.579 | 0.000 | 5.805  | 0.000 | 0.283 | 27.418 |
| 4121M1        | 19.750 | 9.159  | 2.015 | 0.000 | 6.861  | 0.000 | 0.283 | 28.909 |
| 4121M2        | 19.750 | 9.159  | 2.015 | 0.000 | 6.861  | 0.000 | 0.283 | 28.909 |
| 4121M2.5      | 19.750 | 7.483  | 1.961 | 0.000 | 5.278  | 0.000 | 0.245 | 27.233 |
| 4128VMTi      | 19.750 | 12.438 | 3.921 | 0.000 | 7.389  | 0.945 | 0.183 | 32.188 |
| 4130H         | 19.750 | 6.499  | 2.124 | 0.000 | 4.222  | 0.000 | 0.153 | 26.249 |

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|---------------|--------|--------|-------|-------|--------|-------|-------|--------|
| 4130HW        | 19.750 | 8.405  | 2.288 | 0.921 | 4.750  | 0.278 | 0.168 | 28.155 |
| 4130M7Ca4     | 19.750 | 17.948 | 2.941 | 0.000 | 14.777 | 0.000 | 0.229 | 37.698 |
| 4130MNi4V     | 19.750 | 10.032 | 2.505 | 2.369 | 4.750  | 0.179 | 0.229 | 29.782 |
| 4130MODSS     | 19.750 | 18.034 | 2.179 | 0.000 | 15.305 | 0.428 | 0.122 | 37.784 |
| 4130MVCbTi    | 19.750 | 10.212 | 2.342 | 0.000 | 6.861  | 0.796 | 0.214 | 29.962 |
| 4130Ni        | 19.750 | 7.714  | 2.233 | 0.790 | 4.539  | 0.000 | 0.153 | 27.464 |
| 4130NiNb      | 19.750 | 8.407  | 2.288 | 1.053 | 4.750  | 0.149 | 0.168 | 28.157 |
| 4130NiV       | 19.750 | 8.437  | 2.288 | 1.053 | 4.750  | 0.179 | 0.168 | 28.187 |
| 4130NiVCa4    | 19.750 | 8.004  | 2.396 | 1.053 | 4.222  | 0.149 | 0.183 | 27.754 |
| 4130V         | 19.750 | 7.125  | 2.342 | 0.000 | 4.222  | 0.378 | 0.183 | 26.875 |
| 4130V2        | 19.750 | 8.488  | 2.342 | 0.000 | 4.222  | 1.740 | 0.183 | 28.238 |
| 4135H         | 19.750 | 6.591  | 2.124 | 0.000 | 4.222  | 0.000 | 0.245 | 26.341 |
| 4137MCbCa4    | 19.750 | 9.009  | 2.288 | 0.000 | 6.439  | 0.000 | 0.283 | 28.759 |
| 4137MVCa4     | 19.750 | 9.829  | 2.288 | 0.000 | 6.861  | 0.398 | 0.283 | 29.579 |
| 4140Ca1       | 19.750 | 6.559  | 2.070 | 0.000 | 4.222  | 0.000 | 0.268 | 26.309 |
| 4140Ca2       | 19.750 | 6.559  | 2.070 | 0.000 | 4.222  | 0.000 | 0.268 | 26.309 |
| 4140Ca4       | 19.750 | 6.559  | 2.070 | 0.000 | 4.222  | 0.000 | 0.268 | 26.309 |
| 4140H         | 19.750 | 6.614  | 2.124 | 0.000 | 4.222  | 0.000 | 0.268 | 26.364 |
| 4140HW        | 19.750 | 8.498  | 2.288 | 0.921 | 4.750  | 0.249 | 0.290 | 28.248 |
| 4140MV        | 19.750 | 11.108 | 2.179 | 0.000 | 7.916  | 0.746 | 0.268 | 30.858 |
| 4140Nb        | 19.750 | 6.559  | 2.070 | 0.000 | 4.222  | 0.000 | 0.268 | 26.309 |
| 4140Se        | 19.750 | 6.559  | 2.070 | 0.000 | 4.222  | 0.000 | 0.268 | 26.309 |
| 4140V         | 19.750 | 6.957  | 2.070 | 0.000 | 4.222  | 0.398 | 0.268 | 26.707 |
| 4140VNb       | 19.750 | 7.729  | 2.070 | 0.921 | 4.222  | 0.249 | 0.268 | 27.479 |
| 4140VNb       | 19.750 | 7.729  | 2.070 | 0.921 | 4.222  | 0.249 | 0.268 | 27.479 |
| 4142H         | 19.750 | 6.614  | 2.124 | 0.000 | 4.222  | 0.000 | 0.268 | 26.364 |
| 4143V         | 19.750 | 7.479  | 2.179 | 0.000 | 4.750  | 0.298 | 0.252 | 27.229 |
| 4145H         | 19.750 | 6.614  | 2.124 | 0.000 | 4.222  | 0.000 | 0.268 | 26.364 |
| 4145HS        | 19.750 | 9.247  | 2.233 | 0.000 | 6.333  | 0.398 | 0.283 | 28.997 |
| 4145HSX       | 19.750 | 11.433 | 2.396 | 0.000 | 8.444  | 0.249 | 0.344 | 31.183 |
| 4145M         | 19.750 | 7.793  | 2.233 | 0.000 | 5.278  | 0.000 | 0.283 | 27.543 |
| 4145M3CbTiCa4 | 19.750 | 9.400  | 2.233 | 0.000 | 6.861  | 0.000 | 0.306 | 29.150 |
| 4145M3VCb     | 19.750 | 9.282  | 2.342 | 0.000 | 6.333  | 0.278 | 0.329 | 29.032 |
| 4145M4        | 19.750 | 10.920 | 2.124 | 0.000 | 8.444  | 0.000 | 0.352 | 30.670 |
| 4145M4CA4     | 19.750 | 10.920 | 2.124 | 0.000 | 8.444  | 0.000 | 0.352 | 30.670 |
| 4145MCA2      | 19.750 | 7.793  | 2.233 | 0.000 | 5.278  | 0.000 | 0.283 | 27.543 |
| 4145MCA4      | 19.750 | 8.826  | 2.233 | 0.000 | 6.333  | 0.000 | 0.260 | 28.576 |
| 4150Ca1       | 19.750 | 6.559  | 2.070 | 0.000 | 4.222  | 0.000 | 0.268 | 26.309 |
| 4150H         | 19.750 | 6.614  | 2.124 | 0.000 | 4.222  | 0.000 | 0.268 | 26.364 |
| 4150HTe       | 19.750 | 6.614  | 2.124 | 0.000 | 4.222  | 0.000 | 0.268 | 26.364 |
| 4150MR        | 19.750 | 6.083  | 1.525 | 0.000 | 4.222  | 0.000 | 0.336 | 25.833 |
| 4150R         | 19.750 | 6.559  | 2.070 | 0.000 | 4.222  | 0.000 | 0.268 | 26.309 |
| 4161H         | 19.750 | 8.344  | 1.743 | 0.000 | 6.333  | 0.000 | 0.268 | 28.094 |
| 41B17M        | 19.750 | 4.654  | 1.144 | 0.000 | 3.167  | 0.000 | 0.344 | 24.404 |
| 41B27         | 19.750 | 6.543  | 2.070 | 0.000 | 4.328  | 0.000 | 0.145 | 26.293 |

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## Surcharge List - January 2024 Data (\$/CWT)

Effective Jan. 1, 2024 through Jan. 31, 2024

Scrap Surcharge:  
\$19.75/ CWT

Energy Surcharge:  
Bar- \$0.00 Tube - \$0.00  
\*Not included in Total below

| Grade         | Scrap  | Alloy  | Cr    | Ni     | Mo     | V     | Mn    | Total  |
|---------------|--------|--------|-------|--------|--------|-------|-------|--------|
| 41B28M4NBCA4  | 19.750 | 12.110 | 2.179 | 0.000  | 9.500  | 0.278 | 0.153 | 31.860 |
| 41B30M1       | 19.750 | 4.979  | 1.144 | 0.000  | 3.483  | 0.000 | 0.352 | 24.729 |
| 41B45M        | 19.750 | 4.713  | 1.089 | 0.000  | 3.272  | 0.000 | 0.352 | 24.463 |
| 42CrMo4       | 19.750 | 7.267  | 2.288 | 0.000  | 4.750  | 0.000 | 0.229 | 27.017 |
| 42CrMo4+Ni+V  | 19.750 | 10.954 | 2.396 | 2.105  | 5.278  | 0.945 | 0.229 | 30.704 |
| 4320H         | 19.750 | 15.878 | 1.089 | 9.343  | 5.278  | 0.000 | 0.168 | 35.628 |
| 4320M9        | 19.750 | 31.974 | 1.089 | 9.606  | 21.111 | 0.000 | 0.168 | 51.724 |
| 4320Mcr       | 19.750 | 16.593 | 1.743 | 9.343  | 5.278  | 0.000 | 0.229 | 36.343 |
| 4330NiMo5VCa4 | 19.750 | 26.008 | 2.070 | 12.369 | 10.555 | 0.746 | 0.268 | 45.758 |
| 4330VCb       | 19.750 | 23.084 | 2.015 | 10.132 | 10.028 | 0.627 | 0.283 | 42.834 |
| 4332CR12      | 19.750 | 16.498 | 2.614 | 7.895  | 5.805  | 0.000 | 0.183 | 36.248 |
| 4332MVCa2     | 19.750 | 27.037 | 2.396 | 14.212 | 8.972  | 1.243 | 0.214 | 46.787 |
| 4340Ca2       | 19.750 | 16.856 | 1.743 | 9.606  | 5.278  | 0.000 | 0.229 | 36.606 |
| 4340Ca4       | 19.750 | 16.856 | 1.743 | 9.606  | 5.278  | 0.000 | 0.229 | 36.606 |
| 4340CAR       | 19.750 | 16.856 | 1.743 | 9.606  | 5.278  | 0.000 | 0.229 | 36.606 |
| 4340H         | 19.750 | 16.593 | 1.743 | 9.343  | 5.278  | 0.000 | 0.229 | 36.343 |
| 4340V         | 19.750 | 17.303 | 1.743 | 9.606  | 5.278  | 0.448 | 0.229 | 37.053 |
| 4350M1        | 19.750 | 15.396 | 1.743 | 7.106  | 6.333  | 0.000 | 0.214 | 35.146 |
| 43B17         | 19.750 | 16.149 | 1.089 | 9.606  | 5.278  | 0.000 | 0.176 | 35.899 |
| 44MnSiVS6     | 19.750 | 2.529  | 0.545 | 0.000  | 0.000  | 1.541 | 0.443 | 22.279 |
| 4715Ca2       | 19.750 | 17.000 | 1.198 | 4.474  | 11.083 | 0.000 | 0.245 | 36.750 |
| 4715Ca4       | 19.750 | 17.052 | 1.198 | 4.527  | 11.083 | 0.000 | 0.245 | 36.802 |
| 4715VCa2      | 19.750 | 17.398 | 1.198 | 4.474  | 11.083 | 0.398 | 0.245 | 37.148 |
| 4815Ca4       | 19.750 | 23.853 | 0.000 | 18.422 | 5.278  | 0.000 | 0.153 | 43.603 |
| 4815MCA2      | 19.750 | 26.071 | 0.000 | 18.422 | 7.389  | 0.000 | 0.260 | 45.821 |
| 4815MCA2      | 19.750 | 26.071 | 0.000 | 18.422 | 7.389  | 0.000 | 0.260 | 45.821 |
| 4817H         | 19.750 | 23.853 | 0.000 | 18.422 | 5.278  | 0.000 | 0.153 | 43.603 |
| 4820H         | 19.750 | 23.883 | 0.000 | 18.422 | 5.278  | 0.000 | 0.183 | 43.633 |
| 5016NiV       | 19.750 | 2.951  | 0.436 | 1.474  | 0.000  | 0.736 | 0.306 | 22.701 |
| 5046H         | 19.750 | 0.878  | 0.610 | 0.000  | 0.000  | 0.000 | 0.268 | 20.628 |
| 5046M         | 19.750 | 1.528  | 0.599 | 0.000  | 0.000  | 0.646 | 0.283 | 21.278 |
| 5059Ni        | 19.750 | 2.792  | 0.545 | 1.053  | 0.950  | 0.000 | 0.245 | 22.542 |
| 50B25         | 19.750 | 0.990  | 0.654 | 0.000  | 0.000  | 0.000 | 0.336 | 20.740 |
| 50B32M        | 19.750 | 2.571  | 0.817 | 0.000  | 1.372  | 0.000 | 0.382 | 22.321 |
| 5120H         | 19.750 | 1.987  | 1.743 | 0.000  | 0.000  | 0.000 | 0.245 | 21.737 |
| 5120M         | 19.750 | 2.624  | 2.288 | 0.000  | 0.000  | 0.000 | 0.336 | 22.374 |
| 5130H         | 19.750 | 2.369  | 2.124 | 0.000  | 0.000  | 0.000 | 0.245 | 22.119 |
| 5132RM        | 19.750 | 3.354  | 2.288 | 0.000  | 0.000  | 0.746 | 0.321 | 23.104 |
| 5160H         | 19.750 | 2.010  | 1.743 | 0.000  | 0.000  | 0.000 | 0.268 | 21.760 |
| 5160Te        | 19.750 | 2.266  | 1.961 | 0.000  | 0.000  | 0.000 | 0.306 | 22.016 |
| 8617H         | 19.750 | 8.443  | 1.089 | 2.895  | 4.222  | 0.000 | 0.237 | 28.193 |
| 8620Ca1       | 19.750 | 8.451  | 1.089 | 2.895  | 4.222  | 0.000 | 0.245 | 28.201 |
| 8620H         | 19.750 | 8.443  | 1.089 | 2.895  | 4.222  | 0.000 | 0.237 | 28.193 |
| 8620M7        | 19.750 | 8.443  | 1.089 | 2.895  | 4.222  | 0.000 | 0.237 | 28.193 |
| 8620Te        | 19.750 | 9.410  | 1.242 | 3.158  | 4.750  | 0.000 | 0.260 | 29.160 |

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Effective Jan. 1, 2024 through Jan. 31, 2024

Scrap Surcharge:  
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Energy Surcharge:  
Bar- \$0.00 Tube - \$0.00  
\*Not included in Total below

| Grade         | Scrap  | Alloy  | Cr     | Ni     | Mo     | V     | Mn    | Total  |
|---------------|--------|--------|--------|--------|--------|-------|-------|--------|
| 8622H         | 19.750 | 8.443  | 1.089  | 2.895  | 4.222  | 0.000 | 0.237 | 28.193 |
| 8627H         | 19.750 | 8.443  | 1.089  | 2.895  | 4.222  | 0.000 | 0.237 | 28.193 |
| 8630H         | 19.750 | 8.443  | 1.089  | 2.895  | 4.222  | 0.000 | 0.237 | 28.193 |
| 8630MCA2      | 19.750 | 13.324 | 1.743  | 3.948  | 7.389  | 0.000 | 0.245 | 33.074 |
| 8630MCA4      | 19.750 | 13.324 | 1.743  | 3.948  | 7.389  | 0.000 | 0.245 | 33.074 |
| 8630MVCA2     | 19.750 | 16.039 | 2.070  | 4.474  | 8.972  | 0.249 | 0.275 | 35.789 |
| 8630MVCAR     | 19.750 | 16.039 | 2.070  | 4.474  | 8.972  | 0.249 | 0.275 | 35.789 |
| 8640H         | 19.750 | 8.474  | 1.089  | 2.895  | 4.222  | 0.000 | 0.268 | 28.224 |
| 86B20H        | 19.750 | 8.971  | 1.089  | 2.895  | 4.750  | 0.000 | 0.237 | 28.721 |
| 8719M         | 19.750 | 9.520  | 1.089  | 3.421  | 4.750  | 0.000 | 0.260 | 29.270 |
| 8720Ca4       | 19.750 | 9.506  | 1.089  | 2.895  | 5.278  | 0.000 | 0.245 | 29.256 |
| 8720M2        | 19.750 | 8.707  | 1.198  | 3.027  | 4.222  | 0.000 | 0.260 | 28.457 |
| 8740H         | 19.750 | 9.529  | 1.089  | 2.895  | 5.278  | 0.000 | 0.268 | 29.279 |
| 8822H         | 19.750 | 11.640 | 1.089  | 2.895  | 7.389  | 0.000 | 0.268 | 31.390 |
| 8829M7CbTiCa4 | 19.750 | 24.173 | 1.743  | 4.211  | 17.944 | 0.000 | 0.275 | 43.923 |
| 9310H         | 19.750 | 22.371 | 2.669  | 17.106 | 2.428  | 0.000 | 0.168 | 42.121 |
| 9313MCA4      | 19.750 | 23.013 | 3.159  | 17.106 | 2.533  | 0.000 | 0.214 | 42.763 |
| 9323M         | 19.750 | 29.536 | 2.723  | 19.738 | 6.861  | 0.000 | 0.214 | 49.286 |
| 9325M1        | 19.750 | 29.229 | 2.179  | 18.422 | 8.444  | 0.000 | 0.183 | 48.979 |
| 9Cr1Mo        | 19.750 | 40.855 | 19.607 | 0.000  | 21.111 | 0.000 | 0.138 | 60.605 |
| A485-1        | 19.750 | 2.616  | 2.288  | 0.000  | 0.000  | 0.000 | 0.329 | 22.366 |
| A485-2        | 19.750 | 3.960  | 3.486  | 0.000  | 0.000  | 0.000 | 0.474 | 23.710 |
| A485-3        | 19.750 | 8.347  | 2.832  | 0.000  | 5.278  | 0.000 | 0.237 | 28.097 |
| A485-B6       | 19.750 | 9.941  | 3.921  | 0.000  | 5.805  | 0.000 | 0.214 | 29.691 |
| A485-B7       | 19.750 | 13.635 | 3.921  | 0.000  | 9.500  | 0.000 | 0.214 | 33.385 |
| AF9628        | 19.750 | 32.548 | 5.773  | 5.527  | 20.055 | 0.994 | 0.199 | 52.298 |
| C38+N2        | 19.750 | 0.762  | 0.327  | 0.000  | 0.000  | 0.000 | 0.436 | 20.512 |
| C38Mod        | 19.750 | 1.742  | 0.327  | 0.000  | 0.000  | 0.994 | 0.420 | 21.492 |
| CrMo          | 19.750 | 14.397 | 2.723  | 0.000  | 11.505 | 0.000 | 0.168 | 34.147 |
| CrMoV4        | 19.750 | 19.083 | 2.396  | 0.000  | 13.933 | 2.486 | 0.268 | 38.833 |
| CrMoV6        | 19.750 | 12.259 | 2.124  | 0.000  | 7.389  | 2.486 | 0.260 | 32.009 |
| CTC4162-130   | 19.750 | 7.737  | 2.233  | 1.053  | 4.222  | 0.000 | 0.229 | 27.487 |
| CTC4162-140   | 19.750 | 7.737  | 2.233  | 1.053  | 4.222  | 0.000 | 0.229 | 27.487 |
| D6A           | 19.750 | 27.666 | 2.288  | 2.895  | 21.111 | 1.144 | 0.229 | 47.416 |
| EN27          | 19.750 | 22.992 | 2.778  | 14.738 | 5.278  | 0.000 | 0.199 | 42.742 |
| EN30B         | 19.750 | 30.790 | 2.723  | 21.580 | 6.333  | 0.000 | 0.153 | 50.540 |
| EN30BMod      | 19.750 | 34.578 | 2.996  | 21.712 | 8.972  | 0.746 | 0.153 | 54.328 |
| En355         | 19.750 | 18.294 | 3.377  | 10.527 | 4.222  | 0.000 | 0.168 | 38.044 |
| EN40B         | 19.750 | 17.796 | 7.080  | 0.000  | 10.555 | 0.000 | 0.161 | 37.546 |
| EX25          | 19.750 | 6.743  | 1.198  | 0.000  | 5.278  | 0.000 | 0.268 | 26.493 |
| EX4           | 19.750 | 3.049  | 1.198  | 0.000  | 1.583  | 0.000 | 0.268 | 22.799 |
| HF1           | 19.750 | 0.535  | 0.000  | 0.000  | 0.000  | 0.000 | 0.535 | 20.285 |
| HS220-18      | 19.750 | 19.116 | 0.654  | 9.606  | 8.444  | 0.000 | 0.413 | 38.866 |
| HS220-18S     | 19.750 | 19.116 | 0.654  | 9.606  | 8.444  | 0.000 | 0.413 | 38.866 |
| HS220-27      | 19.750 | 21.498 | 1.906  | 9.606  | 8.972  | 0.746 | 0.268 | 41.248 |



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Energy Surcharge:  
Bar- \$0.00 Tube - \$0.00  
\*Not included in Total below

| Grade         | Scrap  | Alloy  | Cr    | Ni     | Mo     | V     | Mn    | Total  |
|---------------|--------|--------|-------|--------|--------|-------|-------|--------|
| HS220-27Ca2   | 19.750 | 21.498 | 1.906 | 9.606  | 8.972  | 0.746 | 0.268 | 41.248 |
| HS220-27CA4   | 19.750 | 21.498 | 1.906 | 9.606  | 8.972  | 0.746 | 0.268 | 41.248 |
| HS220-27Ca4   | 19.750 | 21.498 | 1.906 | 9.606  | 8.972  | 0.746 | 0.268 | 41.248 |
| HS220-27CAR   | 19.750 | 21.498 | 1.906 | 9.606  | 8.972  | 0.746 | 0.268 | 41.248 |
| HY-80         | 19.750 | 28.140 | 3.431 | 15.133 | 9.500  | 0.000 | 0.076 | 47.890 |
| IMPACT7       | 19.750 | 17.948 | 2.941 | 0.000  | 14.777 | 0.000 | 0.229 | 37.698 |
| MicroTec2W65  | 19.750 | 1.193  | 0.000 | 0.000  | 0.000  | 0.796 | 0.397 | 20.943 |
| MicroTec2W70  | 19.750 | 1.354  | 0.000 | 0.000  | 0.000  | 0.895 | 0.459 | 21.104 |
| MicroTec2W75  | 19.750 | 1.950  | 0.000 | 0.000  | 0.000  | 1.492 | 0.459 | 21.700 |
| MicroTec3M80C | 19.750 | 1.550  | 0.327 | 0.000  | 0.000  | 0.796 | 0.428 | 21.300 |
| MicroTec3M80H | 19.750 | 1.736  | 0.000 | 0.000  | 0.000  | 1.293 | 0.443 | 21.486 |
| MicroTec3M80T | 19.750 | 1.736  | 0.000 | 0.000  | 0.000  | 1.293 | 0.443 | 21.486 |
| MicroTec3M85  | 19.750 | 1.621  | 0.000 | 0.000  | 0.000  | 1.193 | 0.428 | 21.371 |
| MicroTec3W75  | 19.750 | 2.142  | 0.000 | 0.000  | 0.000  | 1.790 | 0.352 | 21.892 |
| MicroTec4M95  | 19.750 | 1.749  | 0.327 | 0.000  | 0.000  | 0.994 | 0.428 | 21.499 |
| MicroTec4M95A | 19.750 | 1.749  | 0.327 | 0.000  | 0.000  | 0.994 | 0.428 | 21.499 |
| MicroTec5H85  | 19.750 | 1.231  | 0.000 | 0.000  | 0.000  | 0.994 | 0.237 | 20.981 |
| Nit3          | 19.750 | 11.058 | 3.486 | 0.000  | 7.389  | 0.000 | 0.183 | 30.808 |
| PS16          | 19.750 | 4.894  | 1.089 | 0.000  | 3.483  | 0.000 | 0.321 | 24.644 |
| PS16M         | 19.750 | 5.065  | 1.253 | 0.000  | 3.483  | 0.000 | 0.329 | 24.815 |
| PS55          | 19.750 | 26.369 | 1.198 | 9.606  | 15.305 | 0.000 | 0.260 | 46.119 |
| PS55Ca2       | 19.750 | 26.369 | 1.198 | 9.606  | 15.305 | 0.000 | 0.260 | 46.119 |
| PS55M         | 19.750 | 26.642 | 1.253 | 9.606  | 15.516 | 0.000 | 0.268 | 46.392 |
| PS55M2        | 19.750 | 26.369 | 1.198 | 9.606  | 15.305 | 0.000 | 0.260 | 46.119 |
| S30CDY7A      | 19.750 | 0.275  | 0.000 | 0.000  | 0.000  | 0.000 | 0.275 | 20.025 |
| S38CX         | 19.750 | 3.735  | 0.000 | 0.000  | 3.483  | 0.000 | 0.252 | 23.485 |
| S38MS1V       | 19.750 | 2.090  | 0.327 | 0.000  | 0.000  | 1.343 | 0.420 | 21.840 |
| S38MS1VA      | 19.750 | 2.386  | 0.370 | 0.000  | 0.000  | 1.591 | 0.425 | 22.136 |
| S38MS1V-L     | 19.750 | 2.090  | 0.327 | 0.000  | 0.000  | 1.343 | 0.420 | 21.840 |
| S38MS1V-T     | 19.750 | 1.784  | 0.327 | 0.000  | 0.000  | 1.044 | 0.413 | 21.534 |
| S40C-M        | 19.750 | 0.229  | 0.000 | 0.000  | 0.000  | 0.000 | 0.229 | 19.979 |
| S40VCSS1      | 19.750 | 1.548  | 0.294 | 0.000  | 0.000  | 0.994 | 0.260 | 21.298 |
| S45CVMn       | 19.750 | 1.952  | 0.327 | 0.000  | 0.000  | 1.243 | 0.382 | 21.702 |
| S53CG         | 19.750 | 0.229  | 0.000 | 0.000  | 0.000  | 0.000 | 0.229 | 19.979 |
| SCM420H       | 19.750 | 7.787  | 2.288 | 0.000  | 5.278  | 0.000 | 0.222 | 27.537 |
| SCR15         | 19.750 | 2.509  | 2.288 | 0.000  | 0.000  | 0.000 | 0.222 | 22.259 |
| SCR440H       | 19.750 | 2.509  | 2.288 | 0.000  | 0.000  | 0.000 | 0.222 | 22.259 |
| SPG21CF       | 19.750 | 11.828 | 1.089 | 0.000  | 10.555 | 0.000 | 0.183 | 31.578 |
| SV40CL1       | 19.750 | 1.577  | 0.327 | 0.000  | 0.000  | 1.044 | 0.206 | 21.327 |
| SVh40C        | 19.750 | 0.826  | 0.000 | 0.000  | 0.000  | 0.597 | 0.229 | 20.576 |
| SW85          | 19.750 | 1.621  | 0.000 | 0.000  | 0.000  | 1.193 | 0.428 | 21.371 |
| TIM6V         | 19.750 | 1.552  | 0.000 | 0.000  | 0.000  | 1.094 | 0.459 | 21.302 |
| VacTec400     | 19.750 | 10.231 | 1.797 | 1.711  | 6.333  | 0.000 | 0.390 | 29.981 |
| WHS100        | 19.750 | 9.704  | 1.688 | 2.895  | 4.222  | 0.547 | 0.352 | 29.454 |
| WHS130        | 19.750 | 16.577 | 1.743 | 9.343  | 5.278  | 0.000 | 0.214 | 36.327 |

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(\$/CWT)

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Energy Surcharge:  
Bar- \$0.00 Tube - \$.00  
\*Not included in Total below

| Grade     | Scrap  | Alloy  | Cr    | Ni    | Mo    | V     | Mn    | Total  |
|-----------|--------|--------|-------|-------|-------|-------|-------|--------|
| WHS130Ca4 | 19.750 | 16.577 | 1.743 | 9.343 | 5.278 | 0.000 | 0.214 | 36.327 |
| ZF7B      | 19.750 | 3.012  | 2.614 | 0.000 | 0.000 | 0.000 | 0.397 | 22.762 |