



September 13, 2021

## October 2021 Scrap Surcharge Announcement

To You, Our Valued Customer:

Effective with shipments January 1, 2007 the scrap surcharge will be calculated monthly using a base of \$115.00/ton. It will be based on the average price for # 1 bundles as published in the AMM on the 10<sup>th</sup> of each month for Chicago, Cleveland, and Pittsburgh.

As of September 10th, 2021, the three-city average for No.1 Bundles was \$592.00 ton. Using our revised method, the October 2021 scrap surcharge for SBQ product is \$477.00/ton (\$23.85/cwt). This represents a decrease from September 2021.

We appreciate your business and continued support.

Sincerely,

Jeff Cordill  
Sales & Marketing Manager



September 13, 2021

## October 2021 Alloy Surcharge Announcement

Effective October 1, 2021 alloy surcharges on Ferromolybdenum, Nickel, LC & HC ferrochrome, HC ferromanganese and Ferrovanadium are outlined as follows. Alloy surcharges will be calculated monthly and charged as a separate line item to each invoice based on the steel grade.

- The base cost or trigger point for Ferromolybdenum is \$4.00/lb, Nickel is \$3.50/lb, Ferrovanadium is \$6.00/lb, HC Ferrochrome is \$0.50/LB, LC ferrochrome is \$0.75/lb, and HC ferromanganese \$0.40/lb.
- The yield factor is 85% on Ferromolybdenum, Nickel, Ferrovanadium, and HC ferromanganese, 70% on Ferrochrome.
- The source of the current market price for Ferromolybdenum, Ferrovanadium, Ferrochrome, and HC Ferromanganese is the mid-point in the range of CRU, as published on the Friday closest to the 10<sup>th</sup> of the preceding month.
- The source of the market price of nickel is the London Metal Exchange average cash buyer average for the first ten days of the preceding month.
- The alloy surcharges are calculated by using these published prices, less the base cost, divided by the yield factor, then multiplied by the mid-point of the alloy bearing grade range. This cwt surcharge is then converted to a price per ton.
- The HC Ferromanganese surcharge is based on the minimum weight addition for all grades.

	*LC ferrochrome	HC ferrochrome	Ferro molybdenum	Nickel	Ferro vanadium	HC ferromanganese
Sept 10 <sup>th</sup> Index Value	2.90	\$1.71	\$20.45	\$8.96	\$17.15	\$1.38
Base Value	\$0.75	\$0.50	\$4.00	\$3.50	\$6.00	\$0.40
Yield Factor	70%	70%	85%	85%	85%	85%
October 2021 Surcharge/lb.	\$3.06	\$1.72	\$19.35	6.42	\$13.12	\$0.52cwt

The calculations shown refer only to standard AISI grades and should be used as a guideline only. Actual surcharges will be based on individual specifications and their respective alloy content.

**To address the volatility and unprecedented costs associated with Ferrochrome, Ferromolybdenum, Nickel, Ferrovanadium and HC ferromanganese, effective July 1, 2007 we will review alloy surcharges on the 10<sup>th</sup> of each month for prompt orders. Prompt orders are defined as orders received and acknowledged after the 10<sup>th</sup> of the month to be produced and shipped in the current month. A deviation greater than 5% from our published index values, for the month, will result in applying the new surcharge value for the balance of the month. \*LC ferrochrome is specified for certain Melt Grades and will be priced accordingly.**



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
1022M Ni	Nickel	.275	\$1.77	\$1.77
1033V	Ferrovandium	.125	\$1.64	\$1.64
1045 V FG	Ferrovandium	.030	\$0.39	\$0.39
10V18	Ferrovandium	.060	\$0.79	\$0.79
10V40 QL2	Ferrovandium	.100	\$1.31	\$1.31
10V43 B156	Ferrovandium	.095	\$1.25	\$1.25
10V45	Ferrovandium	.100	\$1.31	\$1.31
10V45 QL2	Ferrovandium	.100	\$1.31	\$1.31
10V45 RES10172	Ferrovandium	.150	\$1.97	\$1.97
10V50	Ferrovandium	.030	\$0.39	\$0.39
10V86M	Ferrovandium	.250	\$3.28	\$3.28
1141 V FG	Ferrovandium	.030	\$0.39	\$0.39
1141 V FG QL2	Ferrovandium	.030	\$0.39	\$0.39
1144 V FG	Ferrovandium	.030	\$0.39	\$0.39
11V41	Ferrovandium	.090	\$1.18	\$1.18
11V41 QL2	Ferrovandium	.090	\$1.18	\$1.18
13% Chrome	Ferrovandium Ferrochromium LC	.070 13.250	\$0.92 \$40.55	\$41.47
13%Cr/420 Mod	Ferrochromium LC	13.250	\$40.55	\$40.55
1518-7	Ferrovandium	.075	\$0.98	\$0.98
1518M	Ferrovandium Ferrochromium HC	.020 .220	\$0.26 \$0.38	\$0.64
1522 MOD	Ferrovandium	.015	\$0.20	\$0.20
1522M	Ferrovandium	.075	\$0.98	\$0.98
1537HC	Ferrochromium HC	.400	\$0.69	\$0.69
1538MV	Ferrovandium Ferrochromium HC	.100 .150	\$1.31 \$0.26	\$1.57



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
1590 UHC	Ferrocromium HC	.280	\$0.48	<b>\$0.48</b>
15B28 Mod	Ferromolybdenum	.150	\$2.90	<b>\$2.90</b>
15B29 Mod	Ferromolybdenum	.150	\$2.90	<b>\$2.90</b>
15B35	Ferrocromium HC	.550	\$0.95	<b>\$0.95</b>
15V10M	Ferrovandium	.030	\$0.39	<b>\$0.39</b>
15V16	Ferrovandium	.085	\$1.12	<b>\$1.12</b>
15V16 LF6	Ferrovandium	.085	\$1.12	<b>\$1.12</b>
15V18	Ferrovandium	.075	\$0.98	<b>\$0.98</b>
15V20M	Ferrovandium	.100	\$1.31	<b>\$1.31</b>
15V22 PT	Ferrovandium	.055	\$0.72	<b>\$0.72</b>
15V24	Ferrovandium	.075	\$0.98	<b>\$0.98</b>
15V24 Mod	Ferrovandium	.150	\$1.97	<b>\$1.97</b>
15V24M	Ferrovandium	.135	\$1.77	<b>\$1.77</b>
15V27M	Ferrovandium	.075	\$0.98	<b>\$0.98</b>
15V30	Ferrovandium	.135	\$1.77	<b>\$1.77</b>
15V30 Mod	Ferrovandium	.135	\$1.77	<b>\$1.77</b>
15V30M	Ferrovandium	.190	\$2.49	<b>\$2.49</b>
15V37M 1E1586	Ferrovandium	.085	\$1.12	<b>\$1.12</b>
15V38 C38 Mod	Ferrovandium Ferrocromium HC	.100 .150	\$1.31 \$0.26	<b>\$1.57</b>
15V38M	Ferrovandium	.090	\$1.18	<b>\$1.18</b>
15V44 C44 Mod	Ferrovandium Ferrocromium HC	.145 .250	\$1.90 \$0.43	<b>\$2.33</b>
15V45M	Ferrovandium	.125	\$1.64	<b>\$1.64</b>
15V45M 1E1106	Ferrovandium	.130	\$1.71	<b>\$1.71</b>
16MnCr5	Ferrocromium HC	1.050	\$1.81	<b>\$1.81</b>



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
16MnCrS5	Ferrochromium HC	1.050	\$1.81	<b>\$1.81</b>
17MnV7	Ferrovandium	.120	\$1.57	<b>\$1.57</b>
18CrNiMo7-6	Ferromolybdenum	.300	\$5.81	
	Nickel	1.550	\$9.95	
	Ferrochromium HC	1.650	\$2.84	<b>\$18.60</b>
1E1371	Ferromolybdenum	.350	\$6.77	
	Ferrovandium	.095	\$1.25	
	Ferrochromium HC	1.800	\$3.10	<b>\$11.12</b>
1E1497	Ferrovandium	.100	\$1.31	
	Ferrochromium HC	.150	\$0.26	<b>\$1.57</b>
20MnCrS5	Ferrochromium HC	1.200	\$2.06	<b>\$2.06</b>
20MnCrS5	Ferrochromium HC	1.150	\$1.98	<b>\$1.98</b>
25MoCr4	Ferromolybdenum	.440	\$8.51	
	Ferrochromium HC	.900	\$1.55	<b>\$10.06</b>
25MoCr4 Ver 50	Ferromolybdenum	.425	\$8.22	
	Ferrochromium HC	.870	\$1.50	<b>\$9.72</b>
25MoCrS4 Hay1	Ferromolybdenum	.425	\$8.22	
	Ferrochromium HC	.950	\$1.63	<b>\$9.85</b>
25MoCrS4 Hay2	Ferromolybdenum	.425	\$8.22	
	Ferrochromium HC	.950	\$1.63	<b>\$9.85</b>
30MnVS6	Ferrovandium	.115	\$1.51	<b>\$1.51</b>
30MnVS6-VD	Ferrovandium	.110	\$1.44	<b>\$1.44</b>
35MnVS4	Ferrovandium	.200	\$2.62	
	Ferrochromium HC	.150	\$0.26	<b>\$2.88</b>
38MnSiVS5	Ferrovandium	.110	\$1.44	<b>\$1.44</b>
38MnVS6	Ferrovandium	.110	\$1.44	<b>\$1.44</b>
38MnVS6M	Ferrovandium	.240	\$3.15	<b>\$3.15</b>
4023	Ferromolybdenum	.250	\$4.84	<b>\$4.84</b>
4027	Ferromolybdenum	.260	\$5.03	<b>\$5.03</b>
40BV40 Mod	Ferromolybdenum	.355	\$6.87	
	Ferrovandium	.100	\$1.31	<b>\$8.18</b>
40BV40M 1E4146	Ferromolybdenum	.355	\$6.87	

Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
40BV40M 1E4146	Ferovanadium	.100	\$1.31	<b>\$8.18</b>
4118	Ferromolybdenum	.115	\$2.23	<b>\$3.09</b>
	Ferrochromium HC	.500	\$0.86	
4118-8/BQ	Ferromolybdenum	.115	\$2.23	<b>\$3.09</b>
	Ferrochromium HC	.500	\$0.86	
4118/4118-2	Ferromolybdenum	.115	\$2.23	<b>\$3.09</b>
	Ferrochromium HC	.500	\$0.86	
4120	Ferromolybdenum	.170	\$3.29	<b>\$4.18</b>
	Ferrochromium HC	.520	\$0.89	
4120 QL2	Ferromolybdenum	.170	\$3.29	<b>\$4.18</b>
	Ferrochromium HC	.520	\$0.89	
4120 QL3	Ferromolybdenum	.170	\$3.29	<b>\$4.18</b>
	Ferrochromium HC	.520	\$0.89	
4120H B81	Ferromolybdenum	.170	\$3.29	<b>\$4.18</b>
	Ferrochromium HC	.520	\$0.89	
4120H QL2	Ferromolybdenum	.170	\$3.29	<b>\$4.18</b>
	Ferrochromium HC	.520	\$0.89	
4120M	Ferromolybdenum	.175	\$3.39	<b>\$4.25</b>
	Ferrochromium HC	.500	\$0.86	
4120M 1E1120	Ferromolybdenum	.165	\$3.19	<b>\$4.18</b>
	Ferrochromium HC	.575	\$0.99	
4120RH QL4	Ferromolybdenum	.170	\$3.29	<b>\$4.18</b>
	Ferrochromium HC	.520	\$0.89	
4122M	Ferromolybdenum	.170	\$3.29	<b>\$4.15</b>
	Ferrochromium HC	.500	\$0.86	
4122M 1E0778	Ferromolybdenum	.225	\$4.35	<b>\$5.77</b>
	Ferrochromium HC	.825	\$1.42	
4122M 1E1054	Ferromolybdenum	.325	\$6.29	<b>\$7.88</b>
	Ferrochromium HC	.925	\$1.59	
4122M B222-6(F)	Ferromolybdenum	.170	\$3.29	<b>\$4.06</b>
	Ferrochromium HC	.450	\$0.77	
4124 M	Ferromolybdenum	.400	\$7.74	<b>\$10.82</b>
	Nickel	.205	\$1.32	
	Ferrochromium HC	1.025	\$1.76	
4124M	Ferromolybdenum	.170	\$3.29	<b>\$4.41</b>
	Ferrochromium HC	.650	\$1.12	
4124M B222	Ferromolybdenum	.170	\$3.29	

Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
4124M B222	Ferchromium HC	.650	\$1.12	<b>\$4.41</b>
4124M B222-5(F)	Ferromolybdenum	.170	\$3.29	<b>\$4.29</b>
	Ferchromium HC	.580	\$1.00	
4124M B222-5mod	Ferromolybdenum	.170	\$3.29	<b>\$4.37</b>
	Ferchromium HC	.630	\$1.08	
4124M B222-7(F)	Ferromolybdenum	.170	\$3.29	<b>\$4.29</b>
	Ferchromium HC	.580	\$1.00	
4124M B222-8	Ferromolybdenum	.300	\$5.81	<b>\$7.01</b>
	Ferchromium HC	.700	\$1.20	
4128	Ferromolybdenum	.350	\$6.77	<b>\$11.12</b>
	Ferovanadium	.095	\$1.25	
	Ferchromium HC	1.800	\$3.10	
4128M	Ferromolybdenum	.390	\$7.55	<b>\$11.96</b>
	Ferovanadium	.100	\$1.31	
	Ferchromium HC	1.800	\$3.10	
4129M	Ferromolybdenum	.300	\$5.81	<b>\$7.87</b>
	Ferchromium HC	1.200	\$2.06	
4130	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferchromium HC	.950	\$1.63	
4130 1E1058	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferchromium HC	.950	\$1.63	
4130 1E2737	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferchromium HC	.950	\$1.63	
4130 AQ	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferchromium HC	.950	\$1.63	
4130 CF-003	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferchromium HC	.950	\$1.63	
4130 CGL-2	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferchromium HC	.950	\$1.63	
4130 ES-330	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferchromium HC	.950	\$1.63	
4130 ES220	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferchromium HC	.950	\$1.63	
4130 MBQ	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferchromium HC	.950	\$1.63	
4130 Mod	Ferromolybdenum	.650	\$12.58	<b>\$14.30</b>
	Ferchromium HC	1.000	\$1.72	

Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
4130 TW051592	Ferromolybdenum	.220	\$4.26	<b>\$5.98</b>
	Ferrochromium HC	1.000	\$1.72	
4130-4 MS	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4130-5/4130	Ferromolybdenum	.200	\$3.87	<b>\$5.66</b>
	Ferrochromium HC	1.040	\$1.79	
4130-6/4130	Ferromolybdenum	.200	\$3.87	<b>\$5.66</b>
	Ferrochromium HC	1.040	\$1.79	
4130-9/4130M	Ferromolybdenum	.225	\$4.35	<b>\$7.35</b>
	Nickel	.200	\$1.28	
	Ferrochromium HC	1.000	\$1.72	
4130/4130H	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4130A	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4130B AQ	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4130B Mod	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4130H	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4130I	Ferromolybdenum	.700	\$13.55	<b>\$15.87</b>
	Ferrochromium HC	1.350	\$2.32	
4130M	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4130M 1E2737	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4130M TW032808	Ferromolybdenum	.220	\$4.26	<b>\$6.86</b>
	Ferrovandium	.060	\$0.79	
	Ferrochromium HC	1.050	\$1.81	
4130M TW061206	Ferromolybdenum	.275	\$5.32	<b>\$7.73</b>
	Ferrovandium	.040	\$0.52	
	Ferrochromium HC	1.100	\$1.89	
4130M7	Ferromolybdenum	.700	\$13.55	<b>\$15.87</b>
	Ferrochromium HC	1.350	\$2.32	
4130RH	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4130U	Ferromolybdenum	.225	\$4.35	





Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
4130U	Ferrocromium HC	.950	\$1.63	<b>\$5.98</b>
4132 M	Ferromolybdenum	.650	\$12.58	<b>\$14.73</b>
	Ferrocromium HC	1.250	\$2.15	
4132 MS362	Ferromolybdenum	.650	\$12.58	<b>\$14.73</b>
	Ferrocromium HC	1.250	\$2.15	
4132M	Ferromolybdenum	.425	\$8.22	<b>\$18.17</b>
	Nickel	1.275	\$8.19	
	Ferrocromium HC	1.025	\$1.76	
4135	Ferromolybdenum	.315	\$6.10	<b>\$7.99</b>
	Ferrocromium HC	1.100	\$1.89	
4135 B73	Ferromolybdenum	.200	\$3.87	<b>\$5.59</b>
	Ferrocromium HC	1.000	\$1.72	
4135H Mod	Ferromolybdenum	.315	\$6.10	<b>\$7.99</b>
	Ferrocromium HC	1.100	\$1.89	
4135H QL2	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrocromium HC	.950	\$1.63	
4137	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrocromium HC	.950	\$1.63	
4137 M	Ferromolybdenum	.275	\$5.32	<b>\$7.21</b>
	Ferrocromium HC	1.100	\$1.89	
4137 MS303	Ferromolybdenum	.300	\$5.81	<b>\$7.70</b>
	Ferrocromium HC	1.100	\$1.89	
4137 MS309	Ferromolybdenum	.300	\$5.81	<b>\$7.70</b>
	Ferrocromium HC	1.100	\$1.89	
4137 MS371	Ferromolybdenum	.300	\$5.81	<b>\$7.70</b>
	Ferrocromium HC	1.100	\$1.89	
4137 Mod	Ferromolybdenum	.325	\$6.29	<b>\$8.23</b>
	Ferrocromium HC	1.125	\$1.94	
4137H	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrocromium HC	.950	\$1.63	
4137M	Ferromolybdenum	.300	\$5.81	<b>\$7.70</b>
	Ferrocromium HC	1.100	\$1.89	
4137M 341	Ferromolybdenum	.300	\$5.81	<b>\$7.62</b>
	Ferrocromium HC	1.050	\$1.81	
4137M MS364	Ferromolybdenum	.300	\$5.81	<b>\$7.70</b>
	Ferrocromium HC	1.100	\$1.89	
4137RS	Ferromolybdenum	.200	\$3.87	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
4137RS	Ferchromium HC	.950	\$1.63	\$5.50
4140	Ferromolybdenum	.200	\$3.87	\$5.50
	Ferchromium HC	.950	\$1.63	
4140 1E1636	Ferromolybdenum	.200	\$3.87	\$5.50
	Ferchromium HC	.950	\$1.63	
4140 1E509	Ferromolybdenum	.200	\$3.87	\$5.50
	Ferchromium HC	.950	\$1.63	
4140 A1	Ferromolybdenum	.200	\$3.87	\$5.50
	Ferchromium HC	.950	\$1.63	
4140 AQ	Ferromolybdenum	.200	\$3.87	\$5.50
	Ferchromium HC	.950	\$1.63	
4140 BQ	Ferromolybdenum	.200	\$3.87	\$5.50
	Ferchromium HC	.950	\$1.63	
4140 CF-001	Ferromolybdenum	.200	\$3.87	\$5.50
	Ferchromium HC	.950	\$1.63	
4140 ES-324	Ferromolybdenum	.200	\$3.87	\$5.50
	Ferchromium HC	.950	\$1.63	
4140 ES-325	Ferromolybdenum	.200	\$3.87	\$5.50
	Ferchromium HC	.950	\$1.63	
4140 LS	Ferromolybdenum	.200	\$3.87	\$5.50
	Ferchromium HC	.950	\$1.63	
4140 M	Ferromolybdenum	.200	\$3.87	\$7.07
	Nickel	.350	\$2.25	
	Ferchromium HC	.550	\$0.95	
4140 MS450	Ferromolybdenum	.200	\$3.87	\$5.50
	Ferchromium HC	.950	\$1.63	
4140 Off Chem	Ferromolybdenum	.200	\$3.87	\$5.50
	Ferchromium HC	.950	\$1.63	
4140 QL2	Ferromolybdenum	.200	\$3.87	\$5.50
	Ferchromium HC	.950	\$1.63	
4140 QL3	Ferromolybdenum	.200	\$3.87	\$5.50
	Ferchromium HC	.950	\$1.63	
4140/4140H	Ferromolybdenum	.200	\$3.87	\$5.50
	Ferchromium HC	.950	\$1.63	
4140/4142	Ferromolybdenum	.200	\$3.87	\$5.50
	Ferchromium HC	.950	\$1.63	
4140/4142H	Ferromolybdenum	.200	\$3.87	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
4140/4142H	Ferrochromium HC	.950	\$1.63	<b>\$5.50</b>
4140/42	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4140A	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4140B	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4140H	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4140H B74-1	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4140H QL2	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4140H QL3	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4140H/42 QL2	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4140M	Ferromolybdenum	.250	\$4.84	<b>\$6.73</b>
	Ferrochromium HC	1.100	\$1.89	
4140M B74-R	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4140M S315	Ferromolybdenum	.200	\$3.87	<b>\$7.04</b>
	Nickel	.200	\$1.28	
	Ferrovandium	.020	\$0.26	
	Ferrochromium HC	.950	\$1.63	
4140RS	Ferromolybdenum	.200	\$3.87	<b>\$5.68</b>
	Ferrochromium HC	1.050	\$1.81	
4141-5/4140	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4141H	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4142	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4142/4145H Mod	Ferromolybdenum	.300	\$5.81	<b>\$7.70</b>
	Ferrochromium HC	1.100	\$1.89	
4145	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
4145 1E0598	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4145H	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4145H Mod	Ferromolybdenum	.300	\$5.81	<b>\$7.70</b>
	Ferrochromium HC	1.100	\$1.89	
4145H QL2	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4145M	Ferromolybdenum	.250	\$4.84	<b>\$6.73</b>
	Ferrochromium HC	1.100	\$1.89	
4145M 346	Ferromolybdenum	.310	\$6.00	<b>\$7.89</b>
	Ferrochromium HC	1.100	\$1.89	
4150	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4150H	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4150H 1E9999	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4150H AQ	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
4150RS	Ferromolybdenum	.200	\$3.87	<b>\$5.33</b>
	Ferrochromium HC	.850	\$1.46	
4161 1E0490	Ferromolybdenum	.300	\$5.81	<b>\$7.19</b>
	Ferrochromium HC	.800	\$1.38	
4161/4161H	Ferromolybdenum	.300	\$5.81	<b>\$7.19</b>
	Ferrochromium HC	.800	\$1.38	
4162	Ferromolybdenum	.200	\$3.87	<b>\$6.91</b>
	Nickel	.200	\$1.28	
	Ferrochromium HC	1.025	\$1.76	
4163M	Ferromolybdenum	.150	\$2.90	<b>\$4.94</b>
	Ferrovandium	.050	\$0.66	
	Ferrochromium HC	.800	\$1.38	
4164M	Ferromolybdenum	.080	\$1.55	<b>\$4.03</b>
	Ferrovandium	.065	\$0.85	
	Ferrochromium HC	.950	\$1.63	
41B17 1E0951	Ferromolybdenum	.150	\$2.90	<b>\$3.80</b>
	Ferrochromium HC	.525	\$0.90	
41B30M	Ferromolybdenum	.200	\$3.87	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
41B30M	Ferrochromium HC	.950	\$1.63	<b>\$5.50</b>
41B30M 1E0997	Ferromolybdenum	.170	\$3.29	<b>\$4.19</b>
	Ferrochromium HC	.525	\$0.90	
41B30M 1E1671	Ferromolybdenum	.170	\$3.29	<b>\$4.19</b>
	Ferrochromium HC	.525	\$0.90	
41B30M QL3	Ferromolybdenum	.160	\$3.10	<b>\$4.05</b>
	Ferrochromium HC	.550	\$0.95	
41B31M	Ferromolybdenum	.375	\$7.26	<b>\$10.01</b>
	Ferrochromium HC	1.600	\$2.75	
41B32M	Ferromolybdenum	.425	\$8.22	<b>\$18.17</b>
	Nickel	1.275	\$8.19	
	Ferrochromium HC	1.025	\$1.76	
41B33M 1E4415	Ferromolybdenum	.165	\$3.19	<b>\$4.09</b>
	Ferrochromium HC	.525	\$0.90	
41B35M 1E1013	Ferromolybdenum	.075	\$1.45	<b>\$2.31</b>
	Ferrochromium HC	.500	\$0.86	
41V37 Mod	Ferromolybdenum	.325	\$6.29	<b>\$8.62</b>
	Ferovanadium	.040	\$0.52	
	Ferrochromium HC	1.050	\$1.81	
42CrMo4	Ferromolybdenum	.200	\$3.87	<b>\$5.76</b>
	Ferrochromium HC	1.100	\$1.89	
42CrMo4 1E2765	Ferromolybdenum	.200	\$3.87	<b>\$5.76</b>
	Ferrochromium HC	1.100	\$1.89	
42CrMo4 Ver10	Ferromolybdenum	.175	\$3.39	<b>\$5.28</b>
	Ferrochromium HC	1.100	\$1.89	
42CrMoS4	Ferromolybdenum	.200	\$3.87	<b>\$5.68</b>
	Ferrochromium HC	1.050	\$1.81	
4317M2	Ferromolybdenum	.725	\$14.03	<b>\$26.00</b>
	Nickel	1.725	\$11.07	
	Ferrochromium HC	.525	\$0.90	
4320	Ferromolybdenum	.250	\$4.84	<b>\$17.42</b>
	Nickel	1.825	\$11.72	
	Ferrochromium HC	.500	\$0.86	
4320 QL3	Ferromolybdenum	.250	\$4.84	<b>\$17.42</b>
	Nickel	1.825	\$11.72	
	Ferrochromium HC	.500	\$0.86	
4320H	Ferromolybdenum	.250	\$4.84	<b>\$17.42</b>
	Nickel	1.825	\$11.72	
	Ferrochromium HC	.500	\$0.86	

Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
4320H B46	Ferromolybdenum	.250	\$4.84	
	Nickel	1.825	\$11.72	
	Ferrochromium HC	.500	\$0.86	<b>\$17.42</b>
4320H BQ	Ferromolybdenum	.250	\$4.84	
	Nickel	1.825	\$11.72	
	Ferrochromium HC	.500	\$0.86	<b>\$17.42</b>
4320H QL3	Ferromolybdenum	.250	\$4.84	
	Nickel	1.825	\$11.72	
	Ferrochromium HC	.500	\$0.86	<b>\$17.42</b>
4320M	Ferromolybdenum	.250	\$4.84	
	Nickel	1.025	\$6.58	
	Ferrochromium HC	1.025	\$1.76	<b>\$13.18</b>
4320RH	Ferromolybdenum	.250	\$4.84	
	Nickel	1.830	\$11.75	
	Ferrochromium HC	.500	\$0.86	<b>\$17.45</b>
4320RH UC	Ferromolybdenum	.250	\$4.84	
	Nickel	1.830	\$11.75	
	Ferrochromium HC	.500	\$0.86	<b>\$17.45</b>
4330V	Ferromolybdenum	.430	\$8.32	
	Nickel	1.825	\$11.72	
	Ferrovandium	.075	\$0.98	
	Ferrochromium HC	.870	\$1.50	<b>\$22.52</b>
4340	Ferromolybdenum	.250	\$4.84	
	Nickel	1.825	\$11.72	
	Ferrochromium HC	.800	\$1.38	<b>\$17.94</b>
4340 1E0830	Ferromolybdenum	.250	\$4.84	
	Nickel	1.825	\$11.72	
	Ferrochromium HC	.800	\$1.38	<b>\$17.94</b>
4340 AQ	Ferromolybdenum	.250	\$4.84	
	Nickel	1.825	\$11.72	
	Ferrochromium HC	.800	\$1.38	<b>\$17.94</b>
4340 QL2	Ferromolybdenum	.250	\$4.84	
	Nickel	1.825	\$11.72	
	Ferrochromium HC	.800	\$1.38	<b>\$17.94</b>
4340 QL3	Ferromolybdenum	.250	\$4.84	
	Nickel	1.825	\$11.72	
	Ferrochromium HC	.800	\$1.38	<b>\$17.94</b>
4340H	Ferromolybdenum	.250	\$4.84	
	Nickel	1.825	\$11.72	
	Ferrochromium HC	.800	\$1.38	<b>\$17.94</b>
4350H	Ferromolybdenum	.250	\$4.84	
	Nickel	1.825	\$11.72	
	Ferrochromium HC	.800	\$1.38	<b>\$17.94</b>



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
4352 AQ	Ferromolybdenum	.250	\$4.84	
	Nickel	1.825	\$11.72	
	Ferrochromium HC	.800	\$1.38	<b>\$17.94</b>
43B20	Ferromolybdenum	.250	\$4.84	
	Nickel	1.825	\$11.72	
	Ferrochromium HC	.500	\$0.86	<b>\$17.42</b>
43V30 Mod	Ferromolybdenum	.530	\$10.26	
	Nickel	2.500	\$16.05	
	Ferrovandium	.090	\$1.18	
	Ferrochromium HC	.950	\$1.63	<b>\$29.12</b>
44W	Ferrovandium	.025	\$0.33	<b>\$0.33</b>
4620 QL3	Ferromolybdenum	.250	\$4.84	
	Nickel	1.825	\$11.72	<b>\$16.56</b>
4623	Ferromolybdenum	.180	\$3.48	
	Nickel	1.820	\$11.68	
	Ferrovandium	.060	\$0.79	<b>\$15.95</b>
4625 AMS 6418	Ferromolybdenum	.400	\$7.74	
	Nickel	1.825	\$11.72	
	Ferrochromium HC	.300	\$0.52	<b>\$19.98</b>
4625 IR458	Ferromolybdenum	.400	\$7.74	
	Nickel	1.825	\$11.72	
	Ferrochromium HC	.300	\$0.52	<b>\$19.98</b>
46MnVS6	Ferrovandium	.140	\$1.84	
	Ferrochromium HC	.150	\$0.26	<b>\$2.10</b>
4715	Ferromolybdenum	.520	\$10.06	
	Nickel	.850	\$5.46	
	Ferrochromium HC	.550	\$0.95	<b>\$16.47</b>
4715M	Ferromolybdenum	.560	\$10.84	
	Nickel	.930	\$5.97	
	Ferrochromium HC	.550	\$0.95	<b>\$17.76</b>
47V15	Ferromolybdenum	.550	\$10.64	
	Nickel	.900	\$5.78	
	Ferrovandium	.040	\$0.52	
	Ferrochromium HC	.600	\$1.03	<b>\$17.97</b>
4815H	Ferromolybdenum	.250	\$4.84	
	Nickel	3.450	\$22.15	<b>\$26.99</b>
4817	Ferromolybdenum	.250	\$4.84	
	Nickel	3.500	\$22.47	<b>\$27.31</b>
4817RH	Ferromolybdenum	.250	\$4.84	
	Nickel	3.500	\$22.47	<b>\$27.31</b>



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
50B35 1E1201	Ferrochromium HC	.480	\$0.83	<b>\$0.83</b>
5119	Ferrochromium HC	.800	\$1.38	<b>\$1.38</b>
5119R	Ferrochromium HC	.900	\$1.55	<b>\$1.55</b>
5120	Ferrochromium HC	.800	\$1.38	<b>\$1.38</b>
5120H	Ferrochromium HC	.800	\$1.38	<b>\$1.38</b>
5120M	Ferrochromium HC	1.050	\$1.81	<b>\$1.81</b>
5124	Ferrochromium HC	.800	\$1.38	<b>\$1.38</b>
5125RH	Ferrochromium HC	1.100	\$1.89	<b>\$1.89</b>
5130	Ferrochromium HC	.950	\$1.63	<b>\$1.63</b>
5130-4	Ferrochromium HC	.950	\$1.63	<b>\$1.63</b>
5130/5130H	Ferrochromium HC	.950	\$1.63	<b>\$1.63</b>
5130H Mod	Ferrochromium HC	.975	\$1.68	<b>\$1.68</b>
5140	Ferrochromium HC	.800	\$1.38	<b>\$1.38</b>
5160	Ferrochromium HC	.875	\$1.51	<b>\$1.51</b>
5160H	Ferrochromium HC	.875	\$1.51	<b>\$1.51</b>
5160H Mod	Ferrochromium HC	.950	\$1.63	<b>\$1.63</b>
51B60H	Ferrochromium HC	.800	\$1.38	<b>\$1.38</b>
51CrV4	Ferrovandium Ferrochromium HC	.130 1.050	\$1.71 \$1.81	<b>\$3.52</b>
51V30M	Ferrovandium Ferrochromium HC	.105 1.100	\$1.38 \$1.89	<b>\$3.27</b>
52100	Ferrochromium HC	1.450	\$2.49	<b>\$2.49</b>
52CrMoV4	Ferromolybdenum Ferrovandium Ferrochromium HC	.225 .130 1.050	\$4.35 \$1.71 \$1.81	<b>\$7.87</b>
58CrMoV4	Ferromolybdenum Ferrovandium Ferrochromium HC	.175 .125 .970	\$3.39 \$1.64 \$1.67	<b>\$6.70</b>
6175 Mod	Ferrovandium	.175	\$2.30	





Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
6175 Mod	Ferchromium HC	1.125	\$1.94	<b>\$4.24</b>
6330	Ferromolybdenum	.500	\$9.68	
	Ferovanadium	.250	\$3.28	
	Ferchromium HC	1.350	\$2.32	<b>\$15.28</b>
7474-5/4130M	Ferromolybdenum	.225	\$4.35	
	Nickel	.200	\$1.28	
	Ferchromium HC	1.000	\$1.72	<b>\$7.35</b>
8616 Mod	Ferromolybdenum	.200	\$3.87	
	Nickel	.200	\$1.28	<b>\$5.15</b>
8617	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferchromium HC	.500	\$0.86	<b>\$8.26</b>
8617/8620H	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferchromium HC	.500	\$0.86	<b>\$8.26</b>
8617H AQ	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferchromium HC	.500	\$0.86	<b>\$8.26</b>
8617H/8620	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferchromium HC	.500	\$0.86	<b>\$8.26</b>
8619 A534 BQ	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferchromium HC	.500	\$0.86	<b>\$8.26</b>
8619H BQ QL3	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferchromium HC	.500	\$0.86	<b>\$8.26</b>
8620	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferchromium HC	.500	\$0.86	<b>\$8.26</b>
8620 1E2743	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferchromium HC	.500	\$0.86	<b>\$8.26</b>
8620 A2	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferchromium HC	.500	\$0.86	<b>\$8.26</b>
8620 BQ	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferchromium HC	.500	\$0.86	<b>\$8.26</b>
8620 FG	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferchromium HC	.500	\$0.86	<b>\$8.26</b>

Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
8620 MAT 1052	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8620 MS450 -B	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8620 Off-Heat	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8620 QL2	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8620 QL3	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8620 QL4	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8620/20H QL2	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8620/22	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8620/22 QL2	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8620/8620H	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8620/8620H QL3	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8620/8622H	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8620/8622H QL2	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8620/8622H QL3	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8620BQ 1E4180	Ferromolybdenum	.200	\$3.87	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
8620BQ 1E4180	Nickel	.550	\$3.53	<b>\$8.26</b>
	Ferrochromium HC	.500	\$0.86	
8620H	Ferromolybdenum	.200	\$3.87	<b>\$8.26</b>
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	
8620H A534 BQ	Ferromolybdenum	.200	\$3.87	<b>\$8.26</b>
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	
8620H B81	Ferromolybdenum	.200	\$3.87	<b>\$8.26</b>
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	
8620H QL3	Ferromolybdenum	.200	\$3.87	<b>\$8.26</b>
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	
8620H/8720H	Ferromolybdenum	.225	\$4.35	<b>\$8.81</b>
	Nickel	.550	\$3.53	
	Ferrovandium	.005	\$0.07	
	Ferrochromium HC	.500	\$0.86	
8620M	Ferromolybdenum	.200	\$3.87	<b>\$8.26</b>
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	
8620M B81	Ferromolybdenum	.220	\$4.26	<b>\$9.25</b>
	Nickel	.630	\$4.04	
	Ferrochromium HC	.550	\$0.95	
8620RH	Ferromolybdenum	.200	\$3.87	<b>\$8.35</b>
	Nickel	.550	\$3.53	
	Ferrochromium HC	.550	\$0.95	
8622H	Ferromolybdenum	.200	\$3.87	<b>\$8.26</b>
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	
8622M	Ferromolybdenum	.250	\$4.84	<b>\$10.93</b>
	Nickel	.600	\$3.85	
	Ferrovandium	.040	\$0.52	
	Ferrochromium HC	1.000	\$1.72	
8622RH	Ferromolybdenum	.200	\$3.87	<b>\$8.35</b>
	Nickel	.550	\$3.53	
	Ferrochromium HC	.550	\$0.95	
8625	Ferromolybdenum	.200	\$3.87	<b>\$8.26</b>
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	
8625H	Ferromolybdenum	.200	\$3.87	<b>\$8.26</b>
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
8627H	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8630	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8630 CGL-6	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8630 QL3	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8630H	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8637	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8637H	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8637RC	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8640	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8640/8740	Ferromolybdenum	.225	\$4.35	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.74</b>
8650	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
8650 AQ	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
86B20H	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.525	\$0.90	<b>\$8.30</b>
86B30H	Ferromolybdenum	.200	\$3.87	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$8.26</b>
86V53M KJ8X	Ferromolybdenum	.500	\$9.68	

Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
86V53M KJ8X	Nickel	.500	\$3.21	
	Ferrovandium	.150	\$1.97	
	Ferrochromium HC	1.775	\$3.05	<b>\$17.91</b>
8720	Ferromolybdenum	.250	\$4.84	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$9.23</b>
8740	Ferromolybdenum	.250	\$4.84	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$9.23</b>
8822H	Ferromolybdenum	.350	\$6.77	
	Nickel	.500	\$3.21	
	Ferrochromium HC	.500	\$0.86	<b>\$10.84</b>
8822H B79	Ferromolybdenum	.350	\$6.77	
	Nickel	.500	\$3.21	
	Ferrochromium HC	.500	\$0.86	<b>\$10.84</b>
8822H B79-1	Ferromolybdenum	.350	\$6.77	
	Nickel	.500	\$3.21	
	Ferrochromium HC	.530	\$0.91	<b>\$10.89</b>
8822H BQ	Ferromolybdenum	.350	\$6.77	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$11.16</b>
8822H QL2	Ferromolybdenum	.350	\$6.77	
	Nickel	.550	\$3.53	
	Ferrochromium HC	.500	\$0.86	<b>\$11.16</b>
8822H QL3	Ferromolybdenum	.350	\$6.77	
	Nickel	.500	\$3.21	
	Ferrochromium HC	.500	\$0.86	<b>\$10.84</b>
8822RH	Ferromolybdenum	.350	\$6.77	
	Nickel	.500	\$3.21	
	Ferrochromium HC	.500	\$0.86	<b>\$10.84</b>
9254	Ferrochromium HC	.700	\$1.20	<b>\$1.20</b>
9310	Ferromolybdenum	.115	\$2.23	
	Nickel	3.250	\$20.87	
	Ferrochromium HC	1.200	\$2.06	<b>\$25.16</b>
9313/9313H	Ferromolybdenum	.120	\$2.32	
	Nickel	3.250	\$20.87	
	Ferrovandium	.040	\$0.52	
	Ferrochromium HC	1.450	\$2.49	<b>\$26.20</b>
9315H	Ferromolybdenum	.115	\$2.23	
	Nickel	3.325	\$21.35	
	Ferrochromium LC	1.275	\$3.90	<b>\$27.48</b>
9350	Ferromolybdenum	.115	\$2.23	
	Nickel	3.250	\$20.87	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
9350	Ferrovandium	.045	\$0.59	<b>\$25.84</b>
	Ferrovandium HC	1.250	\$2.15	
A350 LF6 Chem	Ferrovandium	.075	\$0.98	<b>\$0.98</b>
A572 58Y	Ferrovandium	.070	\$0.92	<b>\$0.92</b>
A572 GR50	Ferrovandium	.015	\$0.20	<b>\$0.20</b>
A572 Gr 42 T2	Ferrovandium	.015	\$0.20	<b>\$0.20</b>
A572 Gr42	Ferrovandium	.015	\$0.20	<b>\$0.20</b>
A572 Gr50 T2	Ferrovandium	.015	\$0.20	<b>\$0.20</b>
A572 Gr60 Chem	Ferrovandium	.070	\$0.92	<b>\$0.92</b>
A572Gr50 Chem	Ferrovandium	.070	\$0.92	<b>\$0.92</b>
A572M 58Y	Ferrovandium	.070	\$0.92	<b>\$0.92</b>
A572M Gr 60	Ferrovandium	.070	\$0.92	<b>\$0.92</b>
A588 Gr A	Ferrovandium	.060	\$0.79	<b>\$1.74</b>
	Ferrovandium HC	.550	\$0.95	
A588 Gr B	Ferrovandium	.060	\$0.79	<b>\$1.74</b>
	Ferrovandium HC	.550	\$0.95	
A588/709 50W	Ferrovandium	.060	\$0.79	<b>\$1.74</b>
	Ferrovandium HC	.550	\$0.95	
A615 Gr 75	Ferrovandium	.115	\$1.51	<b>\$1.51</b>
A615 Gr 80	Ferrovandium	.050	\$0.66	<b>\$0.66</b>
A615 Gr80	Ferrovandium	.110	\$1.44	<b>\$1.44</b>
A706 Gr 80	Ferrovandium	.110	\$1.44	<b>\$1.44</b>
A707 L3	Ferrovandium	.065	\$0.85	<b>\$0.85</b>
A722 Chem	Ferrovandium HC	.700	\$1.20	<b>\$1.20</b>
A739 B22	Ferromolybdenum	1.000	\$19.35	<b>\$26.24</b>
	Ferrovandium LC	2.250	\$6.89	
ASTM A193 B16	Ferromolybdenum	.580	\$11.22	<b>\$16.85</b>
	Ferrovandium	.300	\$3.94	
	Ferrovandium HC	.980	\$1.69	
C35 Mod	Ferromolybdenum	.050	\$0.97	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
C35 Mod	Ferrochromium HC	.600	\$1.03	<b>\$2.00</b>
E4140	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
E4140M	Ferromolybdenum	.225	\$4.35	<b>\$9.25</b>
	Nickel	.420	\$2.70	
	Ferrovandium	.030	\$0.39	
	Ferrochromium HC	1.050	\$1.81	
E4145H	Ferromolybdenum	.200	\$3.87	<b>\$5.50</b>
	Ferrochromium HC	.950	\$1.63	
E4340	Ferromolybdenum	.250	\$4.84	<b>\$17.94</b>
	Nickel	1.825	\$11.72	
	Ferrochromium HC	.800	\$1.38	
E4340H	Ferromolybdenum	.275	\$5.32	<b>\$18.77</b>
	Nickel	1.880	\$12.07	
	Ferrochromium HC	.800	\$1.38	
ETN-22	Ferromolybdenum	.150	\$2.90	<b>\$3.76</b>
	Ferrochromium HC	.500	\$0.86	
ETN-22 UC	Ferromolybdenum	.150	\$2.90	<b>\$3.76</b>
	Ferrochromium HC	.500	\$0.86	
ETN-27	Ferromolybdenum	.150	\$2.90	<b>\$3.85</b>
	Ferrochromium HC	.550	\$0.95	
EX15 QL3	Ferromolybdenum	.170	\$3.29	<b>\$4.15</b>
	Ferrochromium HC	.500	\$0.86	
EX15/4120	Ferromolybdenum	.165	\$3.19	<b>\$4.05</b>
	Ferrochromium HC	.500	\$0.86	
EX16	Ferromolybdenum	.170	\$3.29	<b>\$4.15</b>
	Ferrochromium HC	.500	\$0.86	
EX55H	Ferromolybdenum	.740	\$14.32	<b>\$27.24</b>
	Nickel	1.830	\$11.75	
	Ferrochromium HC	.680	\$1.17	
F11	Ferromolybdenum	.550	\$10.64	<b>\$14.47</b>
	Ferrochromium LC	1.250	\$3.83	
F11 A182	Ferromolybdenum	.550	\$10.64	<b>\$14.47</b>
	Ferrochromium LC	1.250	\$3.83	
F12	Ferromolybdenum	.550	\$10.64	<b>\$13.79</b>
	Ferrochromium LC	1.030	\$3.15	
F1554 Gr 55	Ferrovandium	.070	\$0.92	<b>\$0.92</b>
F22	Ferromolybdenum	1.000	\$19.35	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
F22	Ferrochromium LC	2.250	\$6.89	<b>\$26.24</b>
F22 A182	Ferromolybdenum Ferrochromium LC	1.000 2.250	\$19.35 \$6.89	<b>\$26.24</b>
F5	Ferromolybdenum Ferrochromium LC	.550 5.000	\$10.64 \$15.30	<b>\$25.94</b>
F9	Ferromolybdenum Ferrochromium LC	1.000 9.000	\$19.35 \$27.54	<b>\$46.89</b>
F91	Ferromolybdenum Ferrovanadium Ferrochromium LC	.950 .215 8.800	\$18.38 \$2.82 \$26.93	<b>\$48.13</b>
Grade 100	Ferrovanadium	.178	\$2.34	<b>\$2.34</b>
Grade 150	Ferrochromium HC	.850	\$1.46	<b>\$1.46</b>
Grade 620	Ferrovanadium	.085	\$1.12	<b>\$1.12</b>
Grade 97	Ferrovanadium	.175	\$2.30	<b>\$2.30</b>
Grade 97/100	Ferrovanadium	.178	\$2.34	<b>\$2.34</b>
LC75	Ferrovanadium	.100	\$1.31	<b>\$1.31</b>
N57M10	Ferrochromium HC	.600	\$1.03	<b>\$1.03</b>
N57M6	Ferromolybdenum Ferrochromium HC	.120 .650	\$2.32 \$1.12	<b>\$3.44</b>
PS16RH	Ferromolybdenum Ferrochromium HC	.170 .500	\$3.29 \$0.86	<b>\$4.15</b>
PS17	Ferromolybdenum Ferrochromium HC	.170 .500	\$3.29 \$0.86	<b>\$4.15</b>
PS17 RH	Ferromolybdenum Ferrochromium HC	.170 .500	\$3.29 \$0.86	<b>\$4.15</b>
PS18	Ferromolybdenum Ferrochromium HC	.170 .525	\$3.29 \$0.90	<b>\$4.19</b>
PS18RH	Ferromolybdenum Ferrochromium HC	.170 .525	\$3.29 \$0.90	<b>\$4.19</b>
S45-MR #13	Ferrovanadium	.075	\$0.98	<b>\$0.98</b>
SBMA740	Ferrovanadium	.070	\$0.92	<b>\$0.92</b>
SCM420H	Ferromolybdenum	.200	\$3.87	





Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
SCM420H	Ferrochromium HC	1.120	\$1.93	<b>\$5.80</b>
SCR420	Ferrochromium HC	1.050	\$1.81	<b>\$1.81</b>
SW85	Ferrovandium	.135	\$1.77	<b>\$1.77</b>
T11 A213	Ferromolybdenum Ferrochromium LC	.550 1.250	\$10.64 \$3.83	<b>\$14.47</b>
T12 A213	Ferromolybdenum Ferrochromium LC	.550 1.030	\$10.64 \$3.15	<b>\$13.79</b>
T1A	Ferromolybdenum	.550	\$10.64	<b>\$10.64</b>
T2	Ferromolybdenum Ferrochromium HC	.560 .650	\$10.84 \$1.12	<b>\$11.96</b>
T2 (7075-9)	Ferromolybdenum Ferrochromium HC	.560 .650	\$10.84 \$1.12	<b>\$11.96</b>
T2 A213	Ferromolybdenum Ferrochromium HC	.560 .650	\$10.84 \$1.12	<b>\$11.96</b>
T22 A213	Ferromolybdenum Ferrochromium LC	1.000 2.250	\$19.35 \$6.89	<b>\$26.24</b>
T5 A213	Ferromolybdenum Ferrochromium LC	.545 5.000	\$10.55 \$15.30	<b>\$25.85</b>
T9 A213	Ferromolybdenum Ferrochromium LC	1.000 9.000	\$19.35 \$27.54	<b>\$46.89</b>
T91 A213	Ferromolybdenum Ferrovandium Ferrochromium LC	.950 .215 8.800	\$18.38 \$2.82 \$26.93	<b>\$48.13</b>
ZF34C	Ferromolybdenum Ferrochromium HC	.050 .600	\$0.97 \$1.03	<b>\$2.00</b>