



February 11, 2025

March 2025 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 10th of each month for Chicago, Cleveland, and Pittsburgh.

As of February 10th, the three-city average for No.1 Bundles was \$451.67 ton. Using our revised method, the March 2025 scrap surcharge for SBQ product is \$336.67/ton (\$16.83/cwt). This represents an increase from February 2025.

We appreciate your business and continued support.

Sincerely,

Sarah Jordan
Sales & Marketing Manager



Feb 7, 2025

March 2025 Alloy Surcharge Announcement

Effective March 2025 alloy surcharges on Ferromolybdenum, Nickel, LC & HC ferrochrome, HC ferromanganese and Ferrovandium 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, Ferrovandium 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, Ferrovandium, and HC ferromanganese, 70% on Ferrochrome.
- The source of the current market price for Ferromolybdenum, Ferrovandium, Ferrochrome, and HC Ferromanganese is the mid-point in the range of CRU, as published on the Friday closest to the 10th 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
Feb 7th Index Value	\$2.38	\$1.40	\$22.98	\$6.90	\$13.60	\$.69
Base Value	\$0.75	\$0.50	\$4.00	\$3.50	\$6.00	\$0.40
Yield Factor	70%	70%	85%	85%	85%	85%
March 2025 Surcharge/lb.	\$2.32	\$1.29	\$22.32	\$4.00	\$8.94	\$0.16 cwt

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, Ferrovandium and HC ferromanganese, effective July 1, 2007 we will review alloy surcharges on the 10th of each month for prompt orders. Prompt orders are defined as orders received and acknowledged after the 10th 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	\$1.10	\$1.10
1033V	Ferrovandium	.125	\$1.12	\$1.12
1045 R6 V QL2	Ferrovandium	.040	\$0.36	\$0.36
1045 V	Ferrovandium	.070	\$0.63	\$0.63
1045 V FG	Ferrovandium	.030	\$0.27	\$0.27
1045 V FG QL2	Ferrovandium	.040	\$0.36	\$0.36
1080 400C	Ferrovandium HC	.520	\$0.67	\$0.67
1080 425C	Ferrovandium HC	.550	\$0.71	\$0.71
1080 525A	Ferrovandium HC	.950	\$1.23	\$1.23
1080 525C	Ferrovandium HC	.950	\$1.23	\$1.23
1080 525D	Ferrovandium HC	.950	\$1.23	\$1.23
1080 525T	Ferrovandium HC	1.100	\$1.42	\$1.42
1095	Ferrovandium HC	.350	\$0.45	\$0.45
1095 065F	Ferrovandium HC	.350	\$0.45	\$0.45
1095 200A	Ferrovandium HC	.350	\$0.45	\$0.45
1095 260A	Ferrovandium HC	.350	\$0.45	\$0.45
10V18	Ferrovandium	.060	\$0.54	\$0.54
10V40	Ferrovandium	.075	\$0.67	\$0.67
10V40 QL2	Ferrovandium	.100	\$0.89	\$0.89
10V43 B156	Ferrovandium Ferrovandium HC	.095 .145	\$0.85 \$0.19	\$1.04
10V45	Ferrovandium	.100	\$0.89	\$0.89
10V45 JD AO QL2	Ferrovandium	.150	\$1.34	\$1.34
10V45 QL2	Ferrovandium	.100	\$0.89	\$0.89
10V45 RES10172	Ferrovandium	.150	\$1.34	\$1.34
10V50	Ferrovandium	.035	\$0.31	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
10V50	Ferchromium HC	.150	\$0.19	\$0.50
10V86M	Ferrovandium	.250	\$2.24	\$2.24
1137 V FG	Ferrovandium	.035	\$0.31	\$0.31
1141 QL2 V FG	Ferrovandium	.030	\$0.27	\$0.27
1141 V FG	Ferrovandium	.030	\$0.27	\$0.27
1141 V FG QL2	Ferrovandium	.030	\$0.27	\$0.27
1141 V FG QL3	Ferrovandium	.030	\$0.27	\$0.27
1144 V FG	Ferrovandium	.030	\$0.27	\$0.27
1144V FG	Ferrovandium	.060	\$0.54	\$0.54
11V41	Ferrovandium	.090	\$0.80	\$0.80
11V41 QL2	Ferrovandium	.090	\$0.80	\$0.80
13% Chrome	Ferrovandium Ferchromium LC	.070 13.250	\$0.63 \$30.74	\$31.37
13%Cr/420 Mod	Ferrovandium Ferchromium LC	.070 13.250	\$0.63 \$30.74	\$31.37
1328M R3	Ferchromium HC	.170	\$0.22	\$0.22
1517V1	Ferrovandium	.012	\$0.11	\$0.11
1517V2	Ferrovandium	.015	\$0.13	\$0.13
1518-7	Ferrovandium	.075	\$0.67	\$0.67
1518M	Ferrovandium Ferchromium HC	.020 .220	\$0.18 \$0.28	\$0.46
1520BV	Ferromolybdenum Ferrovandium	.040 .110	\$0.89 \$0.98	\$1.87
1522 MOD	Ferrovandium	.075	\$0.67	\$0.67
1522M	Ferrovandium	.075	\$0.67	\$0.67
1523	Ferrovandium	.080	\$0.72	\$0.72
1524	Ferchromium HC	.120	\$0.15	\$0.15
1524M E0769	Ferchromium LC	.120	\$0.28	\$0.28



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
1536M QL3	Ferromolybdenum	.050	\$1.12	\$1.53
	Ferrochromium LC	.175	\$0.41	
1537HC	Ferrochromium HC	.400	\$0.52	\$0.52
1538MV	Ferrovandium	.100	\$0.89	\$1.08
	Ferrochromium HC	.150	\$0.19	
1541H Mod	Ferromolybdenum	.050	\$1.12	\$2.36
	Nickel	.200	\$0.80	
	Ferrochromium LC	.190	\$0.44	
1575 R260	Nickel	.080	\$0.32	\$0.61
	Ferrochromium LC	.125	\$0.29	
1590 UHC	Ferrochromium HC	.280	\$0.36	\$0.36
15B28 Mod	Ferromolybdenum	.150	\$3.35	\$3.35
15B29 Mod	Ferromolybdenum	.150	\$3.35	\$3.35
15B33	Ferrochromium HC	.550	\$0.71	\$0.71
15B34 1E0669	Ferromolybdenum	.040	\$0.89	\$1.55
	Nickel	.100	\$0.40	
	Ferrochromium LC	.110	\$0.26	
15B34 1E0670	Ferromolybdenum	.040	\$0.89	\$1.48
	Nickel	.100	\$0.40	
	Ferrochromium HC	.150	\$0.19	
15B34 1E1287	Ferromolybdenum	.040	\$0.89	\$1.70
	Nickel	.100	\$0.40	
	Ferrochromium LC	.175	\$0.41	
15B34M	Ferromolybdenum	.040	\$0.89	\$1.52
	Nickel	.100	\$0.40	
	Ferrochromium HC	.175	\$0.23	
15B36	Ferromolybdenum	.030	\$0.67	\$0.80
	Ferrochromium HC	.100	\$0.13	
15B37H	Ferrochromium LC	.170	\$0.39	\$0.39
15B37M	Ferromolybdenum	.030	\$0.67	\$0.80
	Ferrochromium HC	.100	\$0.13	
15B41 1E028	Nickel	.070	\$0.28	\$0.51
	Ferrochromium LC	.100	\$0.23	
15V10M	Ferrovandium	.030	\$0.27	\$0.27
15V16	Ferrovandium	.085	\$0.76	\$0.76



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
15V16 LF6	Ferrovandium	.025	\$0.22	\$0.22
15V18	Ferrovandium	.075	\$0.67	\$0.67
15V18M	Ferrovandium	.080	\$0.72	\$0.72
15V20M	Ferrovandium	.170	\$1.52	\$1.52
15V22	Ferrovandium	.055	\$0.49	\$0.49
15V22 PT	Ferrovandium	.055	\$0.49	\$0.49
15V24	Ferrovandium	.075	\$0.67	\$0.67
15V24 Mod	Ferrovandium	.150	\$1.34	\$1.34
15V24M	Ferrovandium Ferrochromium HC	.135 .120	\$1.21 \$0.15	\$1.36
15V27M	Ferrovandium	.075	\$0.67	\$0.67
15V30	Ferrovandium	.135	\$1.21	\$1.21
15V30 Mod	Ferrovandium	.135	\$1.21	\$1.21
15V30M	Ferrovandium	.190	\$1.70	\$1.70
15V32M	Ferrovandium	.135	\$1.21	\$1.21
15V34M	Ferrovandium	.240	\$2.15	\$2.15
15V37M	Nickel Ferrovandium Ferrochromium HC	.150 .065 .150	\$0.60 \$0.58 \$0.19	\$1.37
15V37M 1E1586	Ferrovandium	.085	\$0.76	\$0.76
15V37Mod	Ferrovandium Ferrochromium HC	.085 .220	\$0.76 \$0.28	\$1.04
15V38 C38 Mod	Ferrovandium Ferrochromium HC	.100 .150	\$0.89 \$0.19	\$1.08
15V38M	Ferrovandium Ferrochromium HC	.090 .150	\$0.80 \$0.19	\$0.99
15V40M	Ferrovandium Ferrochromium HC	.100 .150	\$0.89 \$0.19	\$1.08
15V41	Ferromolybdenum Nickel Ferrovandium	.030 .080 .100	\$0.67 \$0.32 \$0.89	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
15V41	Ferrochromium HC	.150	\$0.19	\$2.07
15V44 C44 Mod	Ferrovandium	.145	\$1.30	\$1.62
	Ferrochromium HC	.250	\$0.32	
15V45M	Ferrovandium	.125	\$1.12	\$1.12
15V45M 1E1106	Ferrovandium	.130	\$1.16	\$1.16
16MnCr5	Nickel	.100	\$0.40	\$1.75
	Ferrochromium HC	1.050	\$1.35	
16MnCrS5	Ferrochromium HC	1.050	\$1.35	\$1.35
17MnV7	Ferrovandium	.165	\$1.48	\$1.48
18CrNiMo7-6	Ferromolybdenum	.300	\$6.70	\$15.03
	Nickel	1.550	\$6.20	
	Ferrochromium HC	1.650	\$2.13	
18CrNiMo7-6 +HH	Ferromolybdenum	.300	\$6.70	\$15.03
	Nickel	1.550	\$6.20	
	Ferrochromium HC	1.650	\$2.13	
1E1371	Ferromolybdenum	.350	\$7.81	\$10.98
	Ferrovandium	.095	\$0.85	
	Ferrochromium HC	1.800	\$2.32	
1E1497	Ferrovandium	.100	\$0.89	\$1.08
	Ferrochromium HC	.150	\$0.19	
20MnCrS5	Ferrochromium HC	1.200	\$1.55	\$1.55
20MnCrS5	Ferrochromium HC	1.150	\$1.48	\$1.48
25MoCr4	Ferromolybdenum	.440	\$9.82	\$11.78
	Nickel	.200	\$0.80	
	Ferrochromium HC	.900	\$1.16	
25MoCr4 Ver 50	Ferromolybdenum	.425	\$9.49	\$10.61
	Ferrochromium HC	.870	\$1.12	
25MoCrS4 Hay1	Ferromolybdenum	.425	\$9.49	\$10.72
	Ferrochromium HC	.950	\$1.23	
25MoCrS4 Hay2	Ferromolybdenum	.425	\$9.49	\$10.72
	Ferrochromium HC	.950	\$1.23	
30Mn5	Ferrovandium	.080	\$0.72	\$1.53
	Ferrochromium LC	.350	\$0.81	
30MnVS6	Ferrovandium	.115	\$1.03	\$1.03



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
30MnVS6-VD	Ferrovandium	.110	\$0.98	\$0.98
35MnVS4	Ferrovandium	.200	\$1.79	\$1.98
	Ferrovandium HC	.150	\$0.19	
37CRS4	Ferrovandium HC	1.050	\$1.35	\$1.35
38MnSiVS5	Ferrovandium	.110	\$0.98	\$1.15
	Ferrovandium HC	.130	\$0.17	
38MnVS6	Ferrovandium	.110	\$0.98	\$1.17
	Ferrovandium HC	.150	\$0.19	
38MnVS6M	Ferrovandium	.240	\$2.15	\$2.15
4023	Ferromolybdenum	.250	\$5.58	\$5.58
4027	Ferromolybdenum	.260	\$5.80	\$5.80
40BV40 Mod	Ferromolybdenum	.355	\$7.92	\$8.81
	Ferrovandium	.100	\$0.89	
40BV40M 1E4146	Ferromolybdenum	.355	\$7.92	\$8.81
	Ferrovandium	.100	\$0.89	
4118	Ferromolybdenum	.115	\$2.57	\$3.22
	Ferrovandium HC	.500	\$0.65	
4118-8/BQ	Ferromolybdenum	.115	\$2.57	\$3.22
	Ferrovandium HC	.500	\$0.65	
4118/4118-2	Ferromolybdenum	.115	\$2.57	\$3.22
	Ferrovandium HC	.500	\$0.65	
4120	Ferromolybdenum	.170	\$3.79	\$4.46
	Ferrovandium HC	.520	\$0.67	
4120 QL2	Ferromolybdenum	.170	\$3.79	\$4.46
	Ferrovandium HC	.520	\$0.67	
4120 QL3	Ferromolybdenum	.170	\$3.79	\$4.46
	Ferrovandium HC	.520	\$0.67	
4120H	Ferromolybdenum	.150	\$3.35	\$4.00
	Ferrovandium HC	.500	\$0.65	
4120H B81	Ferromolybdenum	.170	\$3.79	\$4.44
	Ferrovandium HC	.500	\$0.65	
4120H QL2	Ferromolybdenum	.170	\$3.79	\$4.46
	Ferrovandium HC	.520	\$0.67	
4120M	Ferromolybdenum	.175	\$3.91	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
4120M	Ferchromium HC	.500	\$0.65	\$4.56
4120M 1E1120	Ferromolybdenum	.165	\$3.68	\$4.42
	Ferchromium HC	.575	\$0.74	
4120RH QL4	Ferromolybdenum	.170	\$3.79	\$4.46
	Ferchromium HC	.520	\$0.67	
4122M	Ferromolybdenum	.170	\$3.79	\$4.44
	Ferchromium HC	.500	\$0.65	
4122M 1E0078 UC	Ferromolybdenum	.225	\$5.02	\$6.08
	Ferchromium HC	.825	\$1.06	
4122M 1E0778	Ferromolybdenum	.225	\$5.02	\$6.08
	Ferchromium HC	.825	\$1.06	
4122M 1E0778 UC	Ferromolybdenum	.225	\$5.02	\$6.12
	Ferchromium HC	.850	\$1.10	
4122M 1E1054	Ferromolybdenum	.325	\$7.25	\$8.44
	Ferchromium HC	.925	\$1.19	
4122M B222-6	Ferromolybdenum	.170	\$3.79	\$4.60
	Ferchromium HC	.630	\$0.81	
4122M B222-6(F)	Ferromolybdenum	.170	\$3.79	\$4.60
	Ferchromium HC	.630	\$0.81	
4124	Ferromolybdenum	.150	\$3.35	\$4.19
	Ferchromium HC	.650	\$0.84	
4124 M	Ferromolybdenum	.400	\$8.93	\$11.07
	Nickel	.205	\$0.82	
	Ferchromium HC	1.025	\$1.32	
4124M	Ferromolybdenum	.170	\$3.79	\$4.63
	Ferchromium HC	.650	\$0.84	
4124M B222	Ferromolybdenum	.170	\$3.79	\$4.63
	Ferchromium HC	.650	\$0.84	
4124M B222-5(F)	Ferromolybdenum	.170	\$3.79	\$4.63
	Ferchromium HC	.650	\$0.84	
4124M B222-5mod	Ferromolybdenum	.170	\$3.79	\$4.76
	Ferchromium HC	.750	\$0.97	
4124M B222-7(F)	Ferromolybdenum	.170	\$3.79	\$4.56
	Ferchromium HC	.600	\$0.77	
4124M B222-8	Ferromolybdenum	.300	\$6.70	\$7.67
	Ferchromium HC	.750	\$0.97	

Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
4127C	Ferromolybdenum	.410	\$9.15	\$10.44
	Ferrochromium HC	1.000	\$1.29	
4128	Ferromolybdenum	.350	\$7.81	\$10.98
	Ferrovandium	.095	\$0.85	
	Ferrochromium HC	1.800	\$2.32	
4128M	Ferromolybdenum	.390	\$8.70	\$11.91
	Ferrovandium	.100	\$0.89	
	Ferrochromium HC	1.800	\$2.32	
4129M	Ferromolybdenum	.700	\$15.62	\$17.36
	Ferrochromium HC	1.350	\$1.74	
4130	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4130 1E1058	Ferromolybdenum	.200	\$4.46	\$5.75
	Ferrochromium HC	1.000	\$1.29	
4130 1E2737	Ferromolybdenum	.200	\$4.46	\$5.75
	Ferrochromium HC	1.000	\$1.29	
4130 1E5205	Ferromolybdenum	.200	\$4.46	\$5.75
	Ferrochromium HC	1.000	\$1.29	
4130 AQ	Ferromolybdenum	.200	\$4.46	\$5.75
	Ferrochromium HC	1.000	\$1.29	
4130 CF-003	Ferromolybdenum	.220	\$4.91	\$6.86
	Nickel	.150	\$0.60	
	Ferrochromium HC	1.050	\$1.35	
4130 CGL-2	Ferromolybdenum	.200	\$4.46	\$5.75
	Ferrochromium HC	1.000	\$1.29	
4130 ES-330	Ferromolybdenum	.230	\$5.13	\$6.82
	Nickel	.100	\$0.40	
	Ferrochromium HC	1.000	\$1.29	
4130 ES220	Ferromolybdenum	.200	\$4.46	\$5.75
	Ferrochromium HC	1.000	\$1.29	
4130 MBQ	Ferromolybdenum	.200	\$4.46	\$5.75
	Ferrochromium HC	1.000	\$1.29	
4130 Mod	Ferromolybdenum	.650	\$14.51	\$15.80
	Ferrochromium HC	1.000	\$1.29	
4130 TW051592	Ferromolybdenum	.220	\$4.91	\$6.20
	Ferrochromium HC	1.000	\$1.29	
4130-4 MS	Ferromolybdenum	.200	\$4.46	\$5.75
	Ferrochromium HC	1.000	\$1.29	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
4130-5/4130	Ferromolybdenum	.200	\$4.46	\$5.80
	Ferrochromium HC	1.040	\$1.34	
4130-6/4130	Ferromolybdenum	.200	\$4.46	\$5.80
	Ferrochromium HC	1.040	\$1.34	
4130-9/4130M	Ferromolybdenum	.225	\$5.02	\$7.11
	Nickel	.200	\$0.80	
	Ferrochromium HC	1.000	\$1.29	
4130/4130H	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4130A	Ferromolybdenum	.200	\$4.46	\$5.75
	Ferrochromium HC	1.000	\$1.29	
4130B AQ	Ferromolybdenum	.220	\$4.91	\$6.20
	Ferrochromium HC	1.000	\$1.29	
4130B Mod	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4130H	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4130H QL2	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4130H QL3	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4130I	Ferromolybdenum	.700	\$15.62	\$17.36
	Ferrochromium HC	1.350	\$1.74	
4130M	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4130M 1E2737	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4130M TW032808	Ferromolybdenum	.220	\$4.91	\$6.80
	Ferrovandium	.060	\$0.54	
	Ferrochromium HC	1.050	\$1.35	
4130M TW061206	Ferromolybdenum	.275	\$6.14	\$7.92
	Ferrovandium	.040	\$0.36	
	Ferrochromium HC	1.100	\$1.42	
4130M7	Ferromolybdenum	.700	\$15.62	\$17.36
	Ferrochromium HC	1.350	\$1.74	
4130RH	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4130U	Ferromolybdenum	.225	\$5.02	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
4130U	Ferrochromium HC	.950	\$1.23	\$6.25
4132 M	Ferromolybdenum	.650	\$14.51	\$16.12
	Ferrochromium HC	1.250	\$1.61	
4132 MS362	Ferromolybdenum	.425	\$9.49	\$11.10
	Ferrochromium HC	1.250	\$1.61	
4132M	Ferromolybdenum	.425	\$9.49	\$15.91
	Nickel	1.275	\$5.10	
	Ferrochromium HC	1.025	\$1.32	
4135	Ferromolybdenum	.315	\$7.03	\$9.25
	Nickel	.200	\$0.80	
	Ferrochromium HC	1.100	\$1.42	
4135 B73	Ferromolybdenum	.200	\$4.46	\$5.75
	Ferrochromium HC	1.000	\$1.29	
4135H Mod	Ferromolybdenum	.315	\$7.03	\$9.25
	Nickel	.200	\$0.80	
	Ferrochromium HC	1.100	\$1.42	
4135H QL2	Ferromolybdenum	.200	\$4.46	\$5.75
	Ferrochromium HC	1.000	\$1.29	
4137	Ferromolybdenum	.320	\$7.14	\$8.49
	Ferrochromium HC	1.050	\$1.35	
4137 M	Ferromolybdenum	.320	\$7.14	\$8.56
	Ferrochromium HC	1.100	\$1.42	
4137 MS303	Ferromolybdenum	.300	\$6.70	\$8.12
	Ferrochromium HC	1.100	\$1.42	
4137 MS309	Ferromolybdenum	.300	\$6.70	\$8.12
	Ferrochromium HC	1.100	\$1.42	
4137 MS371	Ferromolybdenum	.300	\$6.70	\$8.12
	Ferrochromium HC	1.100	\$1.42	
4137 Mod	Ferromolybdenum	.325	\$7.25	\$8.70
	Ferrochromium HC	1.125	\$1.45	
4137/4140	Ferromolybdenum	.175	\$3.91	\$5.14
	Ferrochromium HC	.950	\$1.23	
4137H	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4137M	Ferromolybdenum	.300	\$6.70	\$8.12
	Ferrochromium HC	1.100	\$1.42	
4137M 341	Ferromolybdenum	.300	\$6.70	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
4137M 341	Ferrochromium HC	1.050	\$1.35	\$8.05
4137M MS364	Ferromolybdenum	.300	\$6.70	\$8.12
	Ferrochromium HC	1.100	\$1.42	
4137RS	Ferromolybdenum	.225	\$5.02	\$6.25
	Ferrochromium HC	.950	\$1.23	
4140	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4140 1E1636	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4140 1E509	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4140 1E5211	Ferromolybdenum	.225	\$5.02	\$7.11
	Nickel	.200	\$0.80	
	Ferrochromium HC	1.000	\$1.29	
4140 A1	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4140 AQ	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4140 BQ	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4140 CF-001	Ferromolybdenum	.230	\$5.13	\$7.30
	Nickel	.220	\$0.88	
	Ferrochromium HC	1.000	\$1.29	
4140 ES-324	Ferromolybdenum	.200	\$4.46	\$6.55
	Nickel	.200	\$0.80	
	Ferrochromium HC	1.000	\$1.29	
4140 ES-325	Ferromolybdenum	.200	\$4.46	\$6.55
	Nickel	.200	\$0.80	
	Ferrochromium HC	1.000	\$1.29	
4140 LS	Ferromolybdenum	.200	\$4.46	\$6.49
	Nickel	.200	\$0.80	
	Ferrochromium HC	.950	\$1.23	
4140 M	Ferromolybdenum	.200	\$4.46	\$6.57
	Nickel	.350	\$1.40	
	Ferrochromium HC	.550	\$0.71	
4140 MS450	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4140 Off Chem	Ferromolybdenum	.200	\$4.46	

Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
4140 Off Chem	Ferchromium HC	.950	\$1.23	\$5.69
4140 QL2	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4140 QL3	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4140 V FG	Ferromolybdenum	.200	\$4.46	\$5.96
	Ferovanadium	.030	\$0.27	
	Ferchromium HC	.950	\$1.23	
4140/4140H	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4140/4142	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4140/4142H	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4140/42	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4140A	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4140B	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4140H	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4140H B74-1	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4140H QL2	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4140H QL3	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4140H/42 QL2	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4140M	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4140M B74-R	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4140M S315	Ferromolybdenum	.200	\$4.46	
	Nickel	.200	\$0.80	
	Ferovanadium	.020	\$0.18	

Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
4140M S315	Ferchromium HC	.950	\$1.23	\$6.67
4140Mod	Ferromolybdenum	.225	\$5.02	\$6.50
	Ferchromium HC	1.150	\$1.48	
4140RS	Ferromolybdenum	.200	\$4.46	\$6.08
	Ferovanadium	.030	\$0.27	
	Ferchromium HC	1.050	\$1.35	
4141-5/4140	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4141H	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4142	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4142/4145H Mod	Ferromolybdenum	.300	\$6.70	\$8.12
	Ferchromium HC	1.100	\$1.42	
4145	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4145 1E0598	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4145H	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4145H M	Ferromolybdenum	.380	\$8.48	\$9.90
	Ferchromium HC	1.100	\$1.42	
4145H Mod	Ferromolybdenum	.300	\$6.70	\$8.12
	Ferchromium HC	1.100	\$1.42	
4145H QL2	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4145M	Ferromolybdenum	.250	\$5.58	\$7.00
	Ferchromium HC	1.100	\$1.42	
4145M 346	Ferromolybdenum	.310	\$6.92	\$8.34
	Ferchromium HC	1.100	\$1.42	
4150	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	
4150 AQ	Ferromolybdenum	.200	\$4.46	\$6.49
	Nickel	.200	\$0.80	
	Ferchromium HC	.950	\$1.23	
4150 QL2	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferchromium HC	.950	\$1.23	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
4150 QL2 AQ	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4150 V FG	Ferromolybdenum	.180	\$4.02	\$5.39
	Ferrovandium	.030	\$0.27	
	Ferrochromium HC	.850	\$1.10	
4150H	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4150H 1E9999	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4150H AQ	Ferromolybdenum	.200	\$4.46	\$5.69
	Ferrochromium HC	.950	\$1.23	
4150M2	Ferromolybdenum	.200	\$4.46	\$6.43
	Nickel	.185	\$0.74	
	Ferrochromium HC	.950	\$1.23	
4150RS	Ferromolybdenum	.200	\$4.46	\$5.56
	Ferrochromium HC	.850	\$1.10	
4161 1E0490	Ferromolybdenum	.300	\$6.70	\$7.73
	Ferrochromium HC	.800	\$1.03	
4161/4161H	Ferromolybdenum	.300	\$6.70	\$7.73
	Ferrochromium HC	.800	\$1.03	
4162	Ferromolybdenum	.200	\$4.46	\$6.58
	Nickel	.200	\$0.80	
	Ferrochromium HC	1.025	\$1.32	
4163M	Ferromolybdenum	.150	\$3.35	\$4.83
	Ferrovandium	.050	\$0.45	
	Ferrochromium HC	.800	\$1.03	
4164M	Ferromolybdenum	.080	\$1.79	\$3.60
	Ferrovandium	.065	\$0.58	
	Ferrochromium HC	.950	\$1.23	
41B17	Ferromolybdenum	.125	\$2.79	\$3.53
	Ferrochromium HC	.575	\$0.74	
41B17 1E0951	Ferromolybdenum	.125	\$2.79	\$3.53
	Ferrochromium HC	.575	\$0.74	
41B30M	Ferromolybdenum	.150	\$3.35	\$4.00
	Ferrochromium HC	.500	\$0.65	
41B30M 1E0997	Ferromolybdenum	.170	\$3.79	\$4.47
	Ferrochromium HC	.525	\$0.68	
41B30M 1E1671	Ferromolybdenum	.170	\$3.79	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
41B30M 1E1671	Ferrochromium HC	.525	\$0.68	\$4.47
41B30M QL3	Ferromolybdenum	.160	\$3.57	\$4.28
	Ferrochromium HC	.550	\$0.71	
41B31M	Ferromolybdenum	.375	\$8.37	\$10.43
	Ferrochromium HC	1.600	\$2.06	
41B32M	Ferromolybdenum	.425	\$9.49	\$15.91
	Nickel	1.275	\$5.10	
	Ferrochromium HC	1.025	\$1.32	
41B33M	Ferromolybdenum	.150	\$3.35	\$4.00
	Ferrochromium HC	.500	\$0.65	
41B33M 1E4415	Ferromolybdenum	.165	\$3.68	\$4.36
	Ferrochromium HC	.525	\$0.68	
41B35M	Ferromolybdenum	.075	\$1.67	\$2.32
	Ferrochromium HC	.500	\$0.65	
41B35M 1E1013	Ferromolybdenum	.075	\$1.67	\$2.32
	Ferrochromium HC	.500	\$0.65	
41V37 Mod	Ferromolybdenum	.325	\$7.25	\$8.96
	Ferrovandium	.040	\$0.36	
	Ferrochromium HC	1.050	\$1.35	
42CrMo4	Ferromolybdenum	.200	\$4.46	\$5.88
	Ferrochromium HC	1.100	\$1.42	
42CrMo4 1E2765	Ferromolybdenum	.200	\$4.46	\$5.88
	Ferrochromium HC	1.100	\$1.42	
42CrMo4 Ver10	Ferromolybdenum	.175	\$3.91	\$5.33
	Ferrochromium HC	1.100	\$1.42	
42CrMoS4	Ferromolybdenum	.200	\$4.46	\$5.81
	Ferrochromium HC	1.050	\$1.35	
4317M2	Ferromolybdenum	.750	\$16.74	\$24.91
	Nickel	1.850	\$7.40	
	Ferrochromium HC	.600	\$0.77	
4320	Ferromolybdenum	.250	\$5.58	\$13.53
	Nickel	1.825	\$7.30	
	Ferrochromium HC	.500	\$0.65	
4320 QL3	Ferromolybdenum	.250	\$5.58	\$13.53
	Nickel	1.825	\$7.30	
	Ferrochromium HC	.500	\$0.65	
4320H	Ferromolybdenum	.250	\$5.58	\$13.53
	Nickel	1.825	\$7.30	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
4320H	Ferrochromium HC	.500	\$0.65	\$13.53
4320H B46	Ferromolybdenum	.250	\$5.58	
	Nickel	1.825	\$7.30	
	Ferrochromium HC	.500	\$0.65	\$13.53
4320H BQ	Ferromolybdenum	.250	\$5.58	
	Nickel	1.825	\$7.30	
	Ferrochromium HC	.500	\$0.65	\$13.53
4320H QL3	Ferromolybdenum	.250	\$5.58	
	Nickel	1.825	\$7.30	
	Ferrochromium HC	.500	\$0.65	\$13.53
4320H QL4	Ferromolybdenum	.250	\$5.58	
	Nickel	1.825	\$7.30	
	Ferrochromium HC	.500	\$0.65	\$13.53
4320M	Ferromolybdenum	.250	\$5.58	
	Nickel	1.025	\$4.10	
	Ferrochromium HC	1.025	\$1.32	\$11.00
4320RH	Ferromolybdenum	.250	\$5.58	
	Nickel	1.830	\$7.32	
	Ferrochromium HC	.500	\$0.65	\$13.55
4320RH UC	Ferromolybdenum	.250	\$5.58	
	Nickel	1.830	\$7.32	
	Ferrochromium HC	.500	\$0.65	\$13.55
4330V	Ferromolybdenum	.430	\$9.60	
	Nickel	1.825	\$7.30	
	Ferrovandium	.075	\$0.67	
	Ferrochromium HC	.870	\$1.12	\$18.69
4340	Ferromolybdenum	.250	\$5.58	
	Nickel	1.825	\$7.30	
	Ferrochromium HC	.800	\$1.03	\$13.91
4340 1E0830	Ferromolybdenum	.250	\$5.58	
	Nickel	1.825	\$7.30	
	Ferrochromium HC	.800	\$1.03	\$13.91
4340 AQ	Ferromolybdenum	.250	\$5.58	
	Nickel	1.825	\$7.30	
	Ferrochromium HC	.800	\$1.03	\$13.91
4340 QL2	Ferromolybdenum	.250	\$5.58	
	Nickel	1.825	\$7.30	
	Ferrochromium HC	.800	\$1.03	\$13.91
4340 QL3	Ferromolybdenum	.250	\$5.58	
	Nickel	1.825	\$7.30	
	Ferrochromium HC	.800	\$1.03	\$13.91
4340 RGM	Ferromolybdenum	.275	\$6.14	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
4340 RGM	Nickel	1.880	\$7.52	\$14.69
	Ferchromium HC	.800	\$1.03	
4340H	Ferromolybdenum	.250	\$5.58	\$13.91
	Nickel	1.825	\$7.30	
	Ferchromium HC	.800	\$1.03	
4350H	Ferromolybdenum	.250	\$5.58	\$13.91
	Nickel	1.825	\$7.30	
	Ferchromium HC	.800	\$1.03	
4350H AQ	Ferromolybdenum	.250	\$5.58	\$13.93
	Nickel	1.830	\$7.32	
	Ferchromium HC	.800	\$1.03	
4352 AQ	Ferromolybdenum	.250	\$5.58	\$13.91
	Nickel	1.825	\$7.30	
	Ferchromium HC	.800	\$1.03	
43B20	Ferromolybdenum	.250	\$5.58	\$13.53
	Nickel	1.825	\$7.30	
	Ferchromium HC	.500	\$0.65	
43V30 Mod	Ferromolybdenum	.530	\$11.83	\$23.86
	Nickel	2.500	\$10.00	
	Ferrovandium	.090	\$0.80	
	Ferchromium HC	.950	\$1.23	
44W	Ferrovandium	.025	\$0.22	\$0.22
4620 QL3	Ferromolybdenum	.250	\$5.58	\$12.88
	Nickel	1.825	\$7.30	
4623	Ferromolybdenum	.180	\$4.02	\$12.16
	Nickel	1.900	\$7.60	
	Ferrovandium	.060	\$0.54	
4625 AMS 6418	Ferromolybdenum	.400	\$8.93	\$16.62
	Nickel	1.825	\$7.30	
	Ferchromium HC	.300	\$0.39	
4625 IR458	Ferromolybdenum	.400	\$8.93	\$16.62
	Nickel	1.825	\$7.30	
	Ferchromium HC	.300	\$0.39	
46MnVS6	Ferrovandium	.140	\$1.25	\$1.44
	Ferchromium HC	.150	\$0.19	
4715	Ferromolybdenum	.520	\$11.61	\$16.02
	Nickel	.925	\$3.70	
	Ferchromium HC	.550	\$0.71	
4715M	Ferromolybdenum	.560	\$12.50	\$16.93
	Nickel	.930	\$3.72	
	Ferchromium HC	.550	\$0.71	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
47V15	Ferromolybdenum	.550	\$12.28	
	Nickel	.930	\$3.72	
	Ferrovandium	.040	\$0.36	
	Ferchromium HC	.600	\$0.77	\$17.13
4815H	Ferromolybdenum	.250	\$5.58	
	Nickel	3.450	\$13.80	
	Ferchromium HC	.100	\$0.13	\$19.51
4817	Ferromolybdenum	.250	\$5.58	
	Nickel	3.500	\$14.00	\$19.58
4817RH	Ferromolybdenum	.250	\$5.58	
	Nickel	3.500	\$14.00	\$19.58
50B34 1E1632	Ferchromium HC	.400	\$0.52	\$0.52
50B34 Mod	Ferchromium HC	.400	\$0.52	\$0.52
50B35	Ferchromium HC	.400	\$0.52	\$0.52
50B35 1E1201	Ferchromium HC	.480	\$0.62	\$0.62
5119	Ferchromium HC	.800	\$1.03	\$1.03
5119R	Ferchromium HC	.900	\$1.16	\$1.16
5120	Ferchromium HC	.800	\$1.03	\$1.03
5120H	Ferchromium HC	.800	\$1.03	\$1.03
5120M	Ferromolybdenum	.020	\$0.45	
	Ferchromium HC	1.050	\$1.35	\$1.80
5124	Ferchromium HC	.800	\$1.03	\$1.03
5125RH	Ferchromium HC	1.100	\$1.42	\$1.42
5130	Ferchromium HC	.950	\$1.23	\$1.23
5130-4	Ferchromium HC	.950	\$1.23	\$1.23
5130/5130H	Ferchromium HC	.950	\$1.23	\$1.23
5130H Mod	Ferchromium HC	.975	\$1.26	\$1.26
5140	Ferchromium HC	.800	\$1.03	\$1.03
5150	Ferchromium HC	1.100	\$1.42	\$1.42
5150 525X	Ferchromium HC	1.100	\$1.42	\$1.42



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
5160	Ferrochromium HC	.875	\$1.13	\$1.13
5160H	Ferrochromium HC	.875	\$1.13	\$1.13
5160H Mod	Ferrochromium HC	.950	\$1.23	\$1.23
51B60H	Ferrochromium HC	.800	\$1.03	\$1.03
51CrV4	Nickel	.150	\$0.60	
	Ferrovandium	.130	\$1.16	
	Ferrochromium HC	1.050	\$1.35	\$3.11
51V30M	Ferrovandium	.105	\$0.94	
	Ferrochromium HC	1.100	\$1.42	\$2.36
52100	Ferrochromium HC	1.450	\$1.87	\$1.87
52100 BQ	Ferrochromium HC	1.450	\$1.87	\$1.87
52CrMoV4	Ferromolybdenum	.225	\$5.02	
	Ferrovandium	.130	\$1.16	
	Ferrochromium HC	1.050	\$1.35	\$7.53
58CrMoV4	Ferromolybdenum	.175	\$3.91	
	Ferrovandium	.125	\$1.12	
	Ferrochromium HC	.970	\$1.25	\$6.28
6175 Mod	Ferrovandium	.175	\$1.56	
	Ferrochromium HC	1.125	\$1.45	\$3.01
6330	Ferromolybdenum	.500	\$11.16	
	Ferrovandium	.250	\$2.24	
	Ferrochromium HC	1.350	\$1.74	\$15.14
7474-5/4130M	Ferromolybdenum	.225	\$5.02	
	Nickel	.200	\$0.80	
	Ferrochromium HC	1.000	\$1.29	\$7.11
8615	Ferromolybdenum	.200	\$4.46	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$7.31
8616 Mod	Ferromolybdenum	.200	\$4.46	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$7.31
8617	Ferromolybdenum	.200	\$4.46	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$7.31
8617/8620H	Ferromolybdenum	.200	\$4.46	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$7.31
8617H AQ	Ferromolybdenum	.200	\$4.46	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
8617H AQ	Nickel	.550	\$2.20	\$7.31
	Ferrochromium HC	.500	\$0.65	
8617H/8620	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8619 A534 BQ	Ferromolybdenum	.215	\$4.80	\$7.65
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8619H BQ QL3	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620 1E2743	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620 A2	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620 AQ	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620 BQ	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620 FG	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620 MAT 1052	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620 MS450 -B	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620 Off-Heat	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620 QL2	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620 QL3	Ferromolybdenum	.200	\$4.46	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
8620 QL3	Nickel	.550	\$2.20	\$7.31
	Ferrochromium HC	.500	\$0.65	
8620 QL4	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620/20H QL2	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620/22	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620/22 QL2	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620/8620H	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620/8620H QL3	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620/8622H	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620/8622H QL2	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620/8622H QL3	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620BQ 1E4180	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620H	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620H A534 BQ	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620H B81	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620H QL3	Ferromolybdenum	.200	\$4.46	

Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
8620H QL3	Nickel	.550	\$2.20	\$7.31
	Ferrochromium HC	.500	\$0.65	
8620H/8720H	Ferromolybdenum	.225	\$5.02	\$7.91
	Nickel	.550	\$2.20	
	Ferrovandium	.005	\$0.04	
	Ferrochromium HC	.500	\$0.65	
8620M	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8620M B81	Ferromolybdenum	.220	\$4.91	\$8.14
	Nickel	.630	\$2.52	
	Ferrochromium HC	.550	\$0.71	
8620RH	Ferromolybdenum	.200	\$4.46	\$7.37
	Nickel	.550	\$2.20	
	Ferrochromium HC	.550	\$0.71	
8622H	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8622M	Ferromolybdenum	.270	\$6.03	\$10.44
	Nickel	.600	\$2.40	
	Ferrovandium	.080	\$0.72	
	Ferrochromium HC	1.000	\$1.29	
8622RH	Ferromolybdenum	.200	\$4.46	\$7.37
	Nickel	.550	\$2.20	
	Ferrochromium HC	.550	\$0.71	
8625	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8625H	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8627H	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8630	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8630 CGL-6	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	
8630 QL3	Ferromolybdenum	.200	\$4.46	\$7.31
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
8630H	Ferromolybdenum	.200	\$4.46	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$7.31
8631	Ferromolybdenum	.180	\$4.02	
	Nickel	.150	\$0.60	
	Ferrochromium HC	1.000	\$1.29	\$5.91
8637	Ferromolybdenum	.200	\$4.46	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$7.31
8637H	Ferromolybdenum	.200	\$4.46	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$7.31
8637RC	Ferromolybdenum	.200	\$4.46	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$7.31
8640	Ferromolybdenum	.200	\$4.46	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$7.31
8640/8740	Ferromolybdenum	.225	\$5.02	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$7.87
8640M	Ferromolybdenum	.200	\$4.46	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$7.31
8650	Ferromolybdenum	.200	\$4.46	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$7.31
8650 AQ	Ferromolybdenum	.200	\$4.46	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$7.31
8650H	Ferromolybdenum	.200	\$4.46	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$7.31
8660	Ferromolybdenum	.200	\$4.46	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$7.31
86B20H	Ferromolybdenum	.200	\$4.46	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.525	\$0.68	\$7.34
86B30	Ferromolybdenum	.200	\$4.46	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$7.31



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
86B30H	Ferromolybdenum	.200	\$4.46	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$7.31
86V53M KJ8X	Ferromolybdenum	.500	\$11.16	
	Nickel	.500	\$2.00	
	Ferrovandium	.150	\$1.34	
	Ferrochromium HC	1.775	\$2.29	\$16.79
8720	Ferromolybdenum	.250	\$5.58	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$8.43
8735	Ferromolybdenum	.250	\$5.58	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$8.43
8735 AQ	Ferromolybdenum	.250	\$5.58	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$8.43
8740	Ferromolybdenum	.250	\$5.58	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$8.43
8740 AQ	Ferromolybdenum	.250	\$5.58	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$8.43
8822H	Ferromolybdenum	.350	\$7.81	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$10.66
8822H B79	Ferromolybdenum	.350	\$7.81	
	Nickel	.600	\$2.40	
	Ferrochromium HC	.500	\$0.65	\$10.86
8822H B79-1	Ferromolybdenum	.350	\$7.81	
	Nickel	.600	\$2.40	
	Ferrochromium HC	.530	\$0.68	\$10.89
8822H BQ	Ferromolybdenum	.350	\$7.81	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$10.66
8822H QL2	Ferromolybdenum	.350	\$7.81	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$10.66
8822H QL3	Ferromolybdenum	.350	\$7.81	
	Nickel	.500	\$2.00	
	Ferrochromium HC	.500	\$0.65	\$10.46
8822M	Ferromolybdenum	.350	\$7.81	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$10.66



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
8822RH	Ferromolybdenum	.350	\$7.81	
	Nickel	.500	\$2.00	
	Ferrochromium HC	.500	\$0.65	\$10.46
9254	Ferrochromium HC	.700	\$0.90	\$0.90
9310	Ferromolybdenum	.115	\$2.57	
	Nickel	3.250	\$13.00	
	Ferrochromium HC	1.250	\$1.61	\$17.18
9310 AQ	Ferromolybdenum	.115	\$2.57	
	Nickel	3.250	\$13.00	
	Ferrochromium HC	1.250	\$1.61	\$17.18
9310H	Ferromolybdenum	.115	\$2.57	
	Nickel	3.250	\$13.00	
	Ferrochromium HC	1.250	\$1.61	\$17.18
9313/9313H	Ferromolybdenum	.120	\$2.68	
	Nickel	3.250	\$13.00	
	Ferrovandium	.040	\$0.36	
	Ferrochromium HC	1.450	\$1.87	\$17.91
9315H	Ferromolybdenum	.115	\$2.57	
	Nickel	3.325	\$13.30	
	Ferrochromium LC	1.275	\$2.96	\$18.83
9350	Ferromolybdenum	.115	\$2.57	
	Nickel	3.250	\$13.00	
	Ferrovandium	.045	\$0.40	
	Ferrochromium HC	1.250	\$1.61	\$17.58
A105/LF2 Chem	Ferrovandium	.035	\$0.31	\$0.31
A350 LF6 Chem	Ferrovandium	.075	\$0.67	\$0.67
A350/LF2 Chem	Ferrovandium	.035	\$0.31	\$0.31
A529 GR50	Ferrovandium	.015	\$0.13	\$0.13
A529 GR55	Ferrovandium	.075	\$0.67	\$0.67
A572 58Y	Ferrovandium	.075	\$0.67	\$0.67
A572 GR50	Ferrovandium	.015	\$0.13	\$0.13
A572 Gr 42 T2	Ferrovandium	.015	\$0.13	\$0.13
A572 Gr 60	Ferrovandium	.085	\$0.76	\$0.76
A572 Gr42	Ferrovandium	.035	\$0.31	\$0.31
A572 Gr50 T2	Ferrovandium	.015	\$0.13	\$0.13

Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
A572 Gr60 Chem	Ferrovandium	.075	\$0.67	\$0.67
A572Gr50 Chem	Ferrovandium	.075	\$0.67	\$0.67
A572M 58Y	Ferrovandium	.075	\$0.67	\$0.67
A572M Gr 60	Ferrovandium	.075	\$0.67	\$0.67
A588 Gr A	Nickel Ferrovandium Ferrochromium HC	.150 .060 .550	\$0.60 \$0.54 \$0.71	\$1.85
A588 Gr B	Nickel Ferrovandium Ferrochromium HC	.150 .060 .550	\$0.60 \$0.54 \$0.71	\$1.85
A588/709 50W	Nickel Ferrovandium Ferrochromium HC	.150 .060 .550	\$0.60 \$0.54 \$0.71	\$1.85
A615 GR60	Ferrovandium	.050	\$0.45	\$0.45
A615 GR60/A706	Ferrovandium	.050	\$0.45	\$0.45
A615 Gr 75	Ferrovandium	.115	\$1.03	\$1.03
A615 Gr 80	Ferrovandium	.050	\$0.45	\$0.45
A615 Gr80	Ferrovandium	.110	\$0.98	\$0.98
A690	Nickel Ferrovandium	.450 .060	\$1.80 \$0.54	\$2.34
A694 F60	Ferromolybdenum Ferrovandium	.035 .110	\$0.78 \$0.98	\$1.76
A694 F70	Ferrovandium	.065	\$0.58	\$0.58
A706 GR 60 Chem	Ferrovandium	.025	\$0.22	\$0.22
A706 Gr 80	Ferrovandium	.110	\$0.98	\$0.98
A707 L3	Ferrovandium	.065	\$0.58	\$0.58
A722 Chem	Ferrochromium HC	.700	\$0.90	\$0.90
A739 B22	Ferromolybdenum Ferrochromium LC	1.050 2.375	\$23.44 \$5.51	\$28.95
A860 Chem	Ferrovandium	.065	\$0.58	\$0.58
AB/RQ3	Ferrochromium HC	.175	\$0.23	\$0.23

Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
AB/RQ3S	Ferromolybdenum	.135	\$3.01	
	Nickel	.175	\$0.70	
	Ferrochromium HC	.650	\$0.84	\$4.55
ASTM A193 B16	Ferromolybdenum	.580	\$12.95	
	Ferrovandium	.300	\$2.68	
	Ferrochromium HC	.980	\$1.26	\$16.89
BV/QR4	Ferromolybdenum	.425	\$9.49	
	Nickel	.600	\$2.40	
	Ferrochromium HC	1.150	\$1.48	\$13.37
C1022M	Ferrochromium HC	.150	\$0.19	\$0.19
C35 Mod	Ferromolybdenum	.050	\$1.12	
	Ferrochromium HC	.600	\$0.77	\$1.89
C50 Mod	Nickel	.200	\$0.80	
	Ferrochromium HC	.270	\$0.35	\$1.15
E4130VD	Ferromolybdenum	.220	\$4.91	
	Nickel	.150	\$0.60	
	Ferrochromium HC	1.050	\$1.35	\$6.86
E4140	Ferromolybdenum	.200	\$4.46	
	Nickel	.200	\$0.80	
	Ferrochromium HC	1.000	\$1.29	\$6.55
E4140M	Ferromolybdenum	.225	\$5.02	
	Nickel	.420	\$1.68	
	Ferrovandium	.030	\$0.27	
	Ferrochromium HC	1.050	\$1.35	\$8.32
E4145H	Ferromolybdenum	.200	\$4.46	
	Ferrochromium HC	.950	\$1.23	\$5.69
E4340	Ferromolybdenum	.250	\$5.58	
	Nickel	1.825	\$7.30	
	Ferrochromium HC	.800	\$1.03	\$13.91
E4340H	Ferromolybdenum	.275	\$6.14	
	Nickel	1.880	\$7.52	
	Ferrochromium HC	.800	\$1.03	\$14.69
E8615H BQ	Ferromolybdenum	.200	\$4.46	
	Nickel	.475	\$1.90	
	Ferrochromium HC	.500	\$0.65	\$7.01
E8720M	Ferromolybdenum	.250	\$5.58	
	Nickel	.550	\$2.20	
	Ferrochromium HC	.500	\$0.65	\$8.43
ETN-22	Ferromolybdenum	.150	\$3.35	
	Ferrochromium HC	.500	\$0.65	\$4.00
ETN-22 BQ	Ferromolybdenum	.150	\$3.35	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
ETN-22 BQ	Ferrochromium HC	.500	\$0.65	\$4.00
ETN-22 UC	Ferromolybdenum	.150	\$3.35	\$4.00
	Ferrochromium HC	.500	\$0.65	
ETN-27	Ferromolybdenum	.150	\$3.35	\$4.12
	Ferrochromium HC	.600	\$0.77	
EX15 QL3	Ferromolybdenum	.170	\$3.79	\$4.44
	Ferrochromium HC	.500	\$0.65	
EX15/4120	Ferromolybdenum	.165	\$3.68	\$4.33
	Ferrochromium HC	.500	\$0.65	
EX16	Ferromolybdenum	.170	\$3.79	\$4.44
	Ferrochromium HC	.500	\$0.65	
EX55H	Ferromolybdenum	.740	\$16.52	\$24.72
	Nickel	1.830	\$7.32	
	Ferrochromium HC	.680	\$0.88	
F11	Ferromolybdenum	.590	\$13.17	\$16.30
	Ferrochromium LC	1.350	\$3.13	
F11 A182	Ferromolybdenum	.590	\$13.17	\$16.30
	Ferrochromium LC	1.350	\$3.13	
F12	Ferromolybdenum	.550	\$12.28	\$14.72
	Ferrochromium LC	1.050	\$2.44	
F1554 Gr 55	Ferrovandium	.070	\$0.63	\$0.63
F22	Ferromolybdenum	1.000	\$22.32	\$27.77
	Ferrochromium LC	2.350	\$5.45	
F22 A182	Ferromolybdenum	1.000	\$22.32	\$27.77
	Ferrochromium LC	2.350	\$5.45	
F5	Ferromolybdenum	.550	\$12.28	\$24.46
	Ferrochromium LC	5.250	\$12.18	
F9	Ferromolybdenum	1.000	\$22.32	\$43.20
	Ferrochromium LC	9.000	\$20.88	
F91	Ferromolybdenum	.950	\$21.20	\$43.54
	Ferrovandium	.215	\$1.92	
	Ferrochromium LC	8.800	\$20.42	
Grade 100	Ferrovandium	.230	\$2.06	\$2.06
Grade 150	Ferrochromium HC	.850	\$1.10	\$1.10
Grade 160	Ferrochromium HC	.850	\$1.10	\$1.10



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
Grade 620	Ferrovandium	.085	\$0.76	\$0.76
Grade 90	Ferrovandium	.175	\$1.56	\$1.56
Grade 97	Ferrovandium	.175	\$1.56	\$1.56
Grade 97/100	Ferrovandium	.178	\$1.59	\$1.59
JDM A13C #14	Ferrovandium	.025	\$0.22	\$0.22
LC75	Ferromolybdenum	.030	\$0.67	\$1.65
	Ferrovandium	.110	\$0.98	
N57M10	Ferrovandium HC	.600	\$0.77	\$0.77
N57M6	Ferromolybdenum	.120	\$2.68	\$3.52
	Ferrovandium HC	.650	\$0.84	
No Grade	Ferrovandium	.070	\$0.63	\$0.63
PS16RH	Ferromolybdenum	.170	\$3.79	\$4.44
	Ferrovandium HC	.500	\$0.65	
PS17	Ferromolybdenum	.170	\$3.79	\$4.44
	Ferrovandium HC	.500	\$0.65	
PS17 RH	Ferromolybdenum	.170	\$3.79	\$4.44
	Ferrovandium HC	.500	\$0.65	
PS18	Ferromolybdenum	.170	\$3.79	\$4.47
	Ferrovandium HC	.525	\$0.68	
PS18RH	Ferromolybdenum	.170	\$3.79	\$4.47
	Ferrovandium HC	.525	\$0.68	
S45-MR #13	Ferrovandium	.075	\$0.67	\$0.67
SA105	Ferrovandium	.012	\$0.11	\$0.11
SA350 LF6	Ferrovandium	.045	\$0.40	\$0.40
SBMA740	Ferrovandium	.050	\$0.45	\$0.45
SCM420H	Ferromolybdenum	.200	\$4.46	\$5.90
	Ferrovandium HC	1.120	\$1.44	
SCR420	Ferrovandium HC	1.150	\$1.48	\$1.48
SW85	Ferrovandium	.135	\$1.21	\$1.21
T11 A213	Ferromolybdenum	.600	\$13.39	\$16.52
	Ferrovandium LC	1.350	\$3.13	



Grade	Alloy	Nominal Value	Surcharge CWT	Total CWT
T12 A213	Ferromolybdenum	.550	\$12.28	\$14.72
	Ferrochromium LC	1.050	\$2.44	
T1A	Ferromolybdenum	.550	\$12.28	\$12.28
T2	Ferromolybdenum	.560	\$12.50	\$13.34
	Ferrochromium HC	.650	\$0.84	
T2 (7075-9)	Ferromolybdenum	.560	\$12.50	\$13.34
	Ferrochromium HC	.650	\$0.84	
T2 A213	Ferromolybdenum	.560	\$12.50	\$13.34
	Ferrochromium HC	.650	\$0.84	
T22 A213	Ferromolybdenum	1.000	\$22.32	\$27.77
	Ferrochromium LC	2.350	\$5.45	
T5 A213	Ferromolybdenum	.550	\$12.28	\$24.46
	Ferrochromium LC	5.250	\$12.18	
T9 A213	Ferromolybdenum	1.000	\$22.32	\$43.20
	Ferrochromium LC	9.000	\$20.88	
T91 A213	Ferromolybdenum	.950	\$21.20	\$43.54
	Ferrovandium	.215	\$1.92	
	Ferrochromium LC	8.800	\$20.42	
V1027 Mod #16	Ferrovandium	.025	\$0.22	\$0.22
ZF34C	Ferromolybdenum	.050	\$1.12	\$1.89
	Ferrochromium HC	.600	\$0.77	