

Sandvik Surcharge Calculation

One Month Prior Element Average

(\$/lb.)

	3/16/18 - 4/15/18	4/16/18 - 5/15/18	5/16/18 - 6/15/18	6/16/18 - 7/15/18	7/16/18 - 8/15/18	8/16/18 - 9/15/18
Cr	\$1.294	\$1.420	\$1.420	\$1.400	\$1.380	\$1.380
Ni	\$6.05	\$6.42	\$6.82	\$6.56	\$6.13	\$5.85
Mo	\$13.63	\$13.34	\$12.73	\$12.21	\$13.17	\$13.23
Fe	\$0.155	\$0.148	\$0.145	\$0.149	\$0.140	\$0.130

Monthly Surcharges

(\$/lb.)

	Aug-18		Sep-18		Oct-18	
	HF	CF	HF	CF	HF	CF
303	\$0.52	\$0.61	\$0.45	\$0.53	\$0.40	\$0.47
304L	\$0.52	\$0.61	\$0.45	\$0.53	\$0.40	\$0.47
321	\$0.52	\$0.61	\$0.45	\$0.53	\$0.40	\$0.47
347	\$0.52	\$0.61	\$0.45	\$0.53	\$0.40	\$0.47
2507	\$0.91	\$1.07	\$0.91	\$1.06	\$0.87	\$1.03
316L	\$0.81	\$0.96	\$0.76	\$0.90	\$0.71	\$0.83
3R60	\$0.83	\$0.98	\$0.78	\$0.91	\$0.72	\$0.85
310	\$0.82	\$0.97	\$0.70	\$0.82	\$0.62	\$0.73
2205	\$0.77	\$0.90	\$0.76	\$0.90	\$0.73	\$0.86
317L	\$0.94	\$1.10	\$0.90	\$1.05	\$0.84	\$0.99
600	\$1.70	\$2.00	\$1.28	\$1.51	\$1.01	\$1.19
800	\$0.95	\$1.11	\$0.75	\$0.89	\$0.63	\$0.74
825	\$1.43	\$1.69	\$1.23	\$1.45	\$1.08	\$1.27
Alloy 20	\$1.27	\$1.49	\$1.09	\$1.28	\$0.96	\$1.13
400	\$1.44	\$1.69	\$1.05	\$1.24	\$0.80	\$0.94
625	\$2.53	\$2.97	\$2.28	\$2.68	\$2.06	\$2.42
904L	\$1.31	\$1.54	\$1.21	\$1.42	\$1.11	\$1.30
2304	\$0.47	\$0.56	\$0.44	\$0.51	\$0.41	\$0.48
253MA	\$0.55	\$0.64	\$0.47	\$0.55	\$0.42	\$0.49
28//	\$1.36	\$1.60	\$1.22	\$1.43	\$1.10	\$1.29
2RE10	\$0.78	\$0.91	\$0.65	\$0.76	\$0.56	\$0.66
2RE69	\$1.02	\$1.20	\$0.91	\$1.07	\$0.82	\$0.97
3RE60	\$0.69	\$0.81	\$0.68	\$0.80	\$0.66	\$0.77
601	\$1.52	\$1.79	\$1.17	\$1.37	\$0.94	\$1.11
HP160	\$0.78	\$0.92	\$0.75	\$0.88	\$0.70	\$0.83
71	\$1.72	\$2.02	\$1.29	\$1.52	\$1.01	\$1.19
80	\$0.77	\$0.91	\$0.73	\$0.86	\$0.69	\$0.81
200	\$2.06	\$2.42	\$1.49	\$1.75	\$1.12	\$1.32
309	\$0.62	\$0.73	\$0.53	\$0.62	\$0.47	\$0.55
330	\$1.00	\$1.17	\$0.78	\$0.92	\$0.64	\$0.76
446	\$0.39	\$0.46	\$0.37	\$0.44	\$0.36	\$0.43
690	\$1.59	\$1.87	\$1.23	\$1.45	\$1.01	\$1.18
702	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2707	\$1.02	\$1.20	\$1.03	\$1.21	\$1.00	\$1.18
2906	\$0.75	\$0.88	\$0.73	\$0.85	\$0.69	\$0.82
21.6.9	\$0.52	\$0.61	\$0.48	\$0.56	\$0.45	\$0.53
254SMO	\$1.32	\$1.55	\$1.28	\$1.51	\$1.21	\$1.42
316LVAR	\$0.87	\$1.02	\$0.81	\$0.95	\$0.75	\$0.88
353MA	\$1.05	\$1.23	\$0.84	\$0.98	\$0.70	\$0.82
HAST C276	\$3.04	\$3.58	\$2.92	\$3.44	\$2.73	\$3.21
NANOFLEX	\$0.84	\$0.99	\$0.83	\$0.98	\$0.79	\$0.93
SAFUREX	\$0.75	\$0.88	\$0.73	\$0.85	\$0.69	\$0.82
316Ti	\$0.74	\$0.87	\$0.69	\$0.81	\$0.64	\$0.75
410	\$0.26	\$0.31	\$0.25	\$0.29	\$0.23	\$0.28
SA29	\$1.47	\$1.73	\$1.33	\$1.57	\$1.21	\$1.43
SAN23	\$1.42	\$1.67	\$1.35	\$1.59	\$1.27	\$1.50
Nitronic 50	\$0.82	\$0.96	\$0.76	\$0.89	\$0.71	\$0.83
316LVM		\$2.32		\$2.25		\$2.18