

Sandvik Surcharge Calculation

One Month Prior Element Average (\$/lb.)

	11/16/18- 12/15/18	12/16/18 to 1/15/19	1/16/19 - 2/15/19	2/16/19 - 3/15/19	3/16/19 - 4/15/19	4/16/19 - 5/15/19
Cr	\$1.240	\$1.177	\$1.120	\$1.120	\$1.162	\$1.200
Ni	\$4.960	\$4.960	\$5.510	\$5.890	\$5.910	\$5.540
Mo	\$13.110	\$12.610	\$12.060	\$13.140	\$13.150	\$13.000
Fe	\$0.135	\$0.118	\$0.127	\$0.134	\$0.133	\$0.128

Monthly Surcharges (\$/lb.)

	Apr-19		May-19		Jun-19	
	HF	CF	HF	CF	HF	CF
303	\$0.34	\$0.40	\$0.35	\$0.42	\$0.31	\$0.36
304L	\$0.34	\$0.40	\$0.35	\$0.42	\$0.31	\$0.36
321	\$0.34	\$0.40	\$0.35	\$0.42	\$0.31	\$0.36
347	\$0.34	\$0.40	\$0.35	\$0.42	\$0.31	\$0.36
2507	\$0.79	\$0.93	\$0.80	\$0.95	\$0.77	\$0.91
316L	\$0.65	\$0.77	\$0.67	\$0.78	\$0.60	\$0.71
3R60	\$0.67	\$0.79	\$0.68	\$0.80	\$0.62	\$0.72
310	\$0.54	\$0.64	\$0.56	\$0.66	\$0.47	\$0.55
2205	\$0.66	\$0.78	\$0.67	\$0.79	\$0.65	\$0.76
317L	\$0.78	\$0.92	\$0.80	\$0.94	\$0.73	\$0.86
600	\$0.99	\$1.16	\$1.02	\$1.20	\$0.67	\$0.79
800	\$0.58	\$0.68	\$0.60	\$0.70	\$0.45	\$0.52
825	\$1.03	\$1.21	\$1.05	\$1.23	\$0.85	\$1.01
Alloy 20	\$0.91	\$1.07	\$0.93	\$1.09	\$0.76	\$0.89
400	\$0.83	\$0.98	\$0.85	\$1.00	\$0.52	\$0.61
625	\$1.99	\$2.34	\$2.02	\$2.38	\$1.71	\$2.01
904L	\$1.05	\$1.23	\$1.06	\$1.25	\$0.94	\$1.10
2304	\$0.34	\$0.40	\$0.35	\$0.41	\$0.33	\$0.39
253MA	\$0.36	\$0.42	\$0.37	\$0.44	\$0.32	\$0.38
28//	\$1.02	\$1.20	\$1.04	\$1.23	\$0.90	\$1.05
2RE10	\$0.49	\$0.58	\$0.51	\$0.60	\$0.42	\$0.49
2RE69	\$0.75	\$0.88	\$0.77	\$0.90	\$0.66	\$0.78
3RE60	\$0.59	\$0.70	\$0.61	\$0.71	\$0.58	\$0.68
601	\$0.89	\$1.05	\$0.92	\$1.09	\$0.64	\$0.75
HP160	\$0.64	\$0.75	\$0.65	\$0.76	\$0.60	\$0.71
71	\$1.00	\$1.18	\$1.03	\$1.21	\$0.67	\$0.79
80	\$0.62	\$0.73	\$0.64	\$0.75	\$0.59	\$0.69
200	\$1.17	\$1.38	\$1.20	\$1.41	\$0.71	\$0.84
309	\$0.40	\$0.47	\$0.42	\$0.49	\$0.35	\$0.42
330	\$0.60	\$0.71	\$0.62	\$0.73	\$0.45	\$0.53
446	\$0.27	\$0.32	\$0.29	\$0.34	\$0.30	\$0.35
690	\$0.94	\$1.10	\$0.97	\$1.14	\$0.69	\$0.81
702	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2707	\$0.91	\$1.07	\$0.93	\$1.09	\$0.90	\$1.05
2906	\$0.60	\$0.70	\$0.62	\$0.72	\$0.59	\$0.69
21.6.9	\$0.38	\$0.45	\$0.40	\$0.47	\$0.37	\$0.43
254SMO	\$1.15	\$1.35	\$1.16	\$1.37	\$1.07	\$1.26
316LVAR	\$0.70	\$0.82	\$0.71	\$0.84	\$0.64	\$0.76
353MA	\$0.64	\$0.75	\$0.66	\$0.77	\$0.50	\$0.58
HAST C276	\$2.68	\$3.16	\$2.71	\$3.19	\$2.41	\$2.84
NANOFLEX	\$0.75	\$0.89	\$0.76	\$0.90	\$0.71	\$0.84
SAFUREX	\$0.60	\$0.70	\$0.62	\$0.72	\$0.59	\$0.69
316Ti	\$0.59	\$0.69	\$0.60	\$0.70	\$0.54	\$0.64
410	\$0.20	\$0.23	\$0.20	\$0.24	\$0.20	\$0.24
SA29	\$1.13	\$1.33	\$1.16	\$1.36	\$1.00	\$1.18
SAN23	\$1.20	\$1.41	\$1.22	\$1.43	\$1.10	\$1.30
Nitronic 50	\$0.64	\$0.75	\$0.65	\$0.77	\$0.60	\$0.70
316LVM		\$2.05		\$2.06		\$1.99