

Sandvik Surcharge Calculation

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

	7/16/19 - 8/15/19	8/16/19 - 9/15/19	9/16/19 - 10/15/19	10/16/19 - 11/15/19	11/16/19- 12/15/19	12/16/19 to 1/15/20
Cr	\$1.040	\$1.040	\$1.030	\$1.020	\$1.020	\$1.015
Ni	\$6.690	\$7.740	\$7.950	\$7.400	\$6.320	\$6.360
Mo	\$12.460	\$12.360	\$11.990	\$9.820	\$9.960	\$10.180
Fe	\$0.121	\$0.110	\$0.093	\$0.102	\$0.113	\$0.125

Monthly Surcharges (\$/lb.)

	Dec-19		Jan-20		Feb-20	
	HF	CF	HF	CF	HF	CF
303	\$0.50	\$0.59	\$0.36	\$0.42	\$0.37	\$0.44
304L	\$0.50	\$0.59	\$0.36	\$0.42	\$0.37	\$0.44
321	\$0.50	\$0.59	\$0.36	\$0.42	\$0.37	\$0.44
347	\$0.50	\$0.59	\$0.36	\$0.42	\$0.37	\$0.44
2507	\$0.70	\$0.83	\$0.62	\$0.73	\$0.64	\$0.75
316L	\$0.74	\$0.87	\$0.58	\$0.68	\$0.60	\$0.71
3R60	\$0.76	\$0.90	\$0.59	\$0.69	\$0.61	\$0.72
310	\$0.88	\$1.03	\$0.59	\$0.70	\$0.61	\$0.72
2205	\$0.58	\$0.68	\$0.52	\$0.61	\$0.54	\$0.63
317L	\$0.84	\$0.98	\$0.67	\$0.78	\$0.69	\$0.81
600	\$2.42	\$2.85	\$1.38	\$1.62	\$1.42	\$1.67
800	\$1.17	\$1.38	\$0.72	\$0.85	\$0.74	\$0.88
825	\$1.66	\$1.95	\$1.09	\$1.28	\$1.12	\$1.32
Alloy 20	\$1.45	\$1.71	\$0.96	\$1.13	\$0.99	\$1.17
400	\$2.17	\$2.55	\$1.21	\$1.42	\$1.25	\$1.47
625	\$2.81	\$3.30	\$1.93	\$2.27	\$1.99	\$2.34
904L	\$1.31	\$1.54	\$0.96	\$1.13	\$0.99	\$1.17
2304	\$0.36	\$0.42	\$0.30	\$0.35	\$0.31	\$0.37
253MA	\$0.52	\$0.61	\$0.37	\$0.44	\$0.39	\$0.46
28//	\$1.44	\$1.69	\$1.00	\$1.18	\$1.03	\$1.22
2RE10	\$0.85	\$0.99	\$0.56	\$0.66	\$0.58	\$0.68
2RE69	\$1.04	\$1.23	\$0.74	\$0.87	\$0.76	\$0.89
3RE60	\$0.52	\$0.61	\$0.46	\$0.55	\$0.48	\$0.57
601	\$2.06	\$2.43	\$1.20	\$1.41	\$1.24	\$1.45
HP160	\$0.67	\$0.79	\$0.54	\$0.64	\$0.56	\$0.66
71	\$2.46	\$2.89	\$1.40	\$1.64	\$1.44	\$1.69
80	\$0.66	\$0.78	\$0.53	\$0.63	\$0.56	\$0.65
200	\$3.17	\$3.73	\$1.74	\$2.05	\$1.80	\$2.11
309	\$0.62	\$0.73	\$0.43	\$0.51	\$0.45	\$0.53
330	\$1.27	\$1.50	\$0.77	\$0.90	\$0.79	\$0.93
446	\$0.21	\$0.24	\$0.22	\$0.26	\$0.23	\$0.27
690	\$2.10	\$2.47	\$1.24	\$1.45	\$1.27	\$1.49
702	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2707	\$0.77	\$0.90	\$0.69	\$0.81	\$0.72	\$0.84
2906	\$0.58	\$0.68	\$0.49	\$0.58	\$0.51	\$0.60
21.6.9	\$0.43	\$0.50	\$0.34	\$0.41	\$0.36	\$0.42
254SMO	\$1.19	\$1.40	\$0.95	\$1.12	\$0.98	\$1.16
316LVAR	\$0.81	\$0.95	\$0.62	\$0.73	\$0.64	\$0.76
353MA	\$1.29	\$1.52	\$0.79	\$0.93	\$0.81	\$0.96
HAST C276	\$3.07	\$3.61	\$2.30	\$2.71	\$2.38	\$2.80
NANOFLEX	\$0.71	\$0.84	\$0.60	\$0.70	\$0.63	\$0.74
SAFUREX	\$0.58	\$0.68	\$0.49	\$0.58	\$0.51	\$0.60
316Ti	\$0.69	\$0.81	\$0.53	\$0.62	\$0.55	\$0.64
410	\$0.15	\$0.17	\$0.16	\$0.18	\$0.17	\$0.20
SA29	\$1.52	\$1.79	\$1.08	\$1.27	\$1.12	\$1.31
SAN23	\$1.32	\$1.56	\$1.02	\$1.20	\$1.06	\$1.25
Nitronic 50	\$0.74	\$0.87	\$0.57	\$0.67	\$0.59	\$0.70
316LVM		\$2.19		\$1.99		\$1.99