

Sandvik Surcharge Calculation

One Month Prior Element Average

(\$/lb.)

	7/16/18 - 8/15/18	8/16/18 - 9/15/18	9/16/18 - 10/15/18	10/16/18 - 11/15/18	11/16/18- 12/15/18	12/16/18 to 1/15/19
Cr	\$1.380	\$1.380	\$1.307	\$1.240	\$1.240	\$1.177
Ni	\$6.130	\$5.850	\$5.710	\$5.380	\$4.960	\$4.960
Mo	\$13.170	\$13.230	\$13.130	\$13.130	\$13.110	\$12.610
Fe	\$0.140	\$0.130	\$0.136	\$0.140	\$0.135	\$0.118

Monthly Surcharges

(\$/lb.)

	Dec-18		Jan-19		Feb-19	
	HF	CF	HF	CF	HF	CF
303	\$0.31	\$0.36	\$0.25	\$0.29	\$0.22	\$0.26
304L	\$0.31	\$0.36	\$0.25	\$0.29	\$0.22	\$0.26
321	\$0.31	\$0.36	\$0.25	\$0.29	\$0.22	\$0.26
347	\$0.31	\$0.36	\$0.25	\$0.29	\$0.22	\$0.26
2507	\$0.79	\$0.93	\$0.75	\$0.88	\$0.68	\$0.81
316L	\$0.60	\$0.71	\$0.53	\$0.63	\$0.49	\$0.57
3R60	\$0.61	\$0.72	\$0.54	\$0.64	\$0.49	\$0.58
310	\$0.45	\$0.53	\$0.34	\$0.40	\$0.30	\$0.36
2205	\$0.66	\$0.78	\$0.63	\$0.74	\$0.58	\$0.68
317L	\$0.73	\$0.86	\$0.66	\$0.77	\$0.60	\$0.71
600	\$0.52	\$0.62	\$0.16	\$0.18	\$0.14	\$0.16
800	\$0.40	\$0.47	\$0.23	\$0.27	\$0.20	\$0.24
825	\$0.79	\$0.93	\$0.59	\$0.69	\$0.54	\$0.63
Alloy 20	\$0.70	\$0.83	\$0.52	\$0.61	\$0.48	\$0.56
400	\$0.38	\$0.45	\$0.04	\$0.05	\$0.03	\$0.04
625	\$1.61	\$1.89	\$1.29	\$1.52	\$1.21	\$1.42
904L	\$0.91	\$1.07	\$0.78	\$0.91	\$0.72	\$0.84
2304	\$0.35	\$0.41	\$0.32	\$0.37	\$0.28	\$0.33
253MA	\$0.32	\$0.38	\$0.26	\$0.31	\$0.23	\$0.27
28//	\$0.86	\$1.01	\$0.70	\$0.82	\$0.64	\$0.75
2RE10	\$0.40	\$0.47	\$0.29	\$0.34	\$0.26	\$0.30
2RE69	\$0.64	\$0.75	\$0.53	\$0.62	\$0.48	\$0.56
3RE60	\$0.60	\$0.70	\$0.57	\$0.67	\$0.52	\$0.61
601	\$0.52	\$0.62	\$0.22	\$0.26	\$0.20	\$0.23
HP160	\$0.61	\$0.71	\$0.55	\$0.65	\$0.50	\$0.59
71	\$0.52	\$0.62	\$0.15	\$0.18	\$0.13	\$0.16
80	\$0.59	\$0.70	\$0.54	\$0.63	\$0.49	\$0.58
200	\$0.50	\$0.59	\$0.00	\$0.00	\$0.00	\$0.00
309	\$0.35	\$0.41	\$0.27	\$0.32	\$0.24	\$0.28
330	\$0.39	\$0.46	\$0.21	\$0.25	\$0.19	\$0.22
446	\$0.32	\$0.38	\$0.32	\$0.37	\$0.28	\$0.33
690	\$0.58	\$0.68	\$0.27	\$0.32	\$0.24	\$0.29
702	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2707	\$0.91	\$1.08	\$0.88	\$1.03	\$0.81	\$0.95
2906	\$0.60	\$0.71	\$0.57	\$0.67	\$0.51	\$0.60
21.6.9	\$0.38	\$0.44	\$0.34	\$0.40	\$0.30	\$0.36
254SMO	\$1.06	\$1.25	\$0.96	\$1.13	\$0.89	\$1.05
316LVAR	\$0.64	\$0.75	\$0.56	\$0.66	\$0.51	\$0.60
353MA	\$0.44	\$0.52	\$0.26	\$0.31	\$0.23	\$0.27
HAST C276	\$2.33	\$2.74	\$2.04	\$2.40	\$1.92	\$2.26
NANOFLEX	\$0.72	\$0.84	\$0.66	\$0.78	\$0.61	\$0.72
SAFUREX	\$0.60	\$0.71	\$0.57	\$0.67	\$0.51	\$0.60
316Ti	\$0.54	\$0.63	\$0.47	\$0.55	\$0.43	\$0.50
410	\$0.22	\$0.26	\$0.21	\$0.25	\$0.18	\$0.21
SA29	\$0.97	\$1.14	\$0.80	\$0.94	\$0.74	\$0.87
SAN23	\$1.09	\$1.28	\$0.97	\$1.14	\$0.90	\$1.06
Nitronic 50	\$0.59	\$0.70	\$0.53	\$0.62	\$0.48	\$0.56
316LVM		\$2.00		\$1.91		\$1.81