

Sandvik Surcharge Calculation

One Month Prior Element Average

(\$/lb.)

	8/16/16 - 9/15/16	9/16/16 - 10/15/16	10/16/16 - 11/15/16	11/16/16 - 12/15/16	12/16/16 - 1/15/17	1/16/17 - 2/15/17
Cr	\$0.980	\$1.028	\$1.100	\$1.100	\$1.320	\$1.650
Ni	\$4.55	\$4.68	\$4.82	\$5.14	\$4.71	\$4.59
Mo	\$8.18	\$7.77	\$7.57	\$7.69	\$7.82	\$8.20
Fe	\$0.094	\$0.089	\$0.101	\$0.113	\$0.119	\$0.105

Monthly Surcharges

(\$/lb.)

	Jan-17		Feb-17		Mar-17	
	HF	CF	HF	CF	HF	CF
303	\$0.21	\$0.25	\$0.25	\$0.30	\$0.32	\$0.38
304L	\$0.21	\$0.25	\$0.25	\$0.30	\$0.32	\$0.38
321	\$0.21	\$0.25	\$0.25	\$0.30	\$0.32	\$0.38
347	\$0.21	\$0.25	\$0.25	\$0.30	\$0.32	\$0.38
2507	\$0.42	\$0.49	\$0.49	\$0.58	\$0.61	\$0.72
316L	\$0.32	\$0.38	\$0.36	\$0.43	\$0.44	\$0.52
3R60	\$0.33	\$0.38	\$0.36	\$0.43	\$0.44	\$0.52
310	\$0.28	\$0.33	\$0.32	\$0.38	\$0.42	\$0.50
2205	\$0.36	\$0.43	\$0.43	\$0.50	\$0.53	\$0.62
317L	\$0.38	\$0.44	\$0.42	\$0.49	\$0.51	\$0.60
600	\$0.26	\$0.30	\$0.17	\$0.20	\$0.24	\$0.28
800	\$0.24	\$0.28	\$0.24	\$0.28	\$0.32	\$0.38
825	\$0.39	\$0.46	\$0.39	\$0.46	\$0.49	\$0.58
Alloy 20	\$0.36	\$0.42	\$0.36	\$0.42	\$0.45	\$0.53
400	\$0.15	\$0.18	\$0.03	\$0.04	\$0.03	\$0.03
625	\$0.71	\$0.84	\$0.68	\$0.80	\$0.84	\$0.99
904L	\$0.45	\$0.52	\$0.47	\$0.55	\$0.58	\$0.68
2304	\$0.24	\$0.28	\$0.30	\$0.36	\$0.39	\$0.46
253MA	\$0.22	\$0.26	\$0.27	\$0.32	\$0.35	\$0.41
28//	\$0.44	\$0.52	\$0.47	\$0.55	\$0.60	\$0.70
2RE10	\$0.26	\$0.30	\$0.30	\$0.35	\$0.40	\$0.47
2RE69	\$0.35	\$0.42	\$0.39	\$0.46	\$0.50	\$0.59
3RE60	\$0.32	\$0.38	\$0.38	\$0.45	\$0.46	\$0.54
601	\$0.28	\$0.33	\$0.24	\$0.28	\$0.34	\$0.40
HP160	\$0.33	\$0.39	\$0.38	\$0.45	\$0.47	\$0.56
71	\$0.25	\$0.30	\$0.16	\$0.19	\$0.23	\$0.27
80	\$0.33	\$0.38	\$0.38	\$0.44	\$0.47	\$0.55
200	\$0.19	\$0.22	\$0.00	\$0.00	\$0.00	\$0.00
309	\$0.24	\$0.28	\$0.28	\$0.33	\$0.37	\$0.43
330	\$0.23	\$0.27	\$0.22	\$0.26	\$0.30	\$0.35
446	\$0.25	\$0.29	\$0.33	\$0.39	\$0.43	\$0.51
690	\$0.32	\$0.38	\$0.30	\$0.35	\$0.43	\$0.51
702	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2707	\$0.47	\$0.56	\$0.55	\$0.65	\$0.68	\$0.80
2906	\$0.36	\$0.42	\$0.44	\$0.52	\$0.57	\$0.67
21.6.9	\$0.24	\$0.28	\$0.29	\$0.35	\$0.38	\$0.44
254SMO	\$0.50	\$0.59	\$0.54	\$0.64	\$0.65	\$0.77
316LVAR	\$0.33	\$0.39	\$0.37	\$0.43	\$0.45	\$0.53
353MA	\$0.27	\$0.32	\$0.28	\$0.33	\$0.38	\$0.45
HAST C276	\$0.96	\$1.13	\$0.93	\$1.09	\$1.08	\$1.27
NANOFLEX	\$0.35	\$0.41	\$0.38	\$0.45	\$0.44	\$0.52
SAFUREX	\$0.36	\$0.42	\$0.44	\$0.52	\$0.57	\$0.67
316Ti	\$0.29	\$0.34	\$0.33	\$0.39	\$0.40	\$0.47
410	\$0.16	\$0.19	\$0.21	\$0.24	\$0.25	\$0.29
SA29	\$0.48	\$0.57	\$0.51	\$0.60	\$0.65	\$0.76
304/L MEDICAL						
316LVM		\$1.51		\$1.54		\$1.57