

Sandvik Surcharge Calculation

One Month Prior Element Average

(\$/lb.)

	6/16/16 - 7/15/16	7/16/16 - 8/15/16	8/16/16 - 9/15/16	9/16/16 - 10/15/16	10/16/16 - 11/15/16	11/16/16 - 12/15/16
Cr	\$0.948	\$0.980	\$0.980	\$1.028	\$1.100	\$1.100
Ni	\$4.35	\$4.79	\$4.55	\$4.68	\$4.82	\$5.14
Mo	\$7.91	\$7.94	\$8.18	\$7.77	\$7.57	\$7.69
Fe	\$0.091	\$0.094	\$0.094	\$0.089	\$0.101	\$0.113

Monthly Surcharges

(\$/lb.)

	Nov-16		Dec-16		Jan-17	
	HF	CF	HF	CF	HF	CF
303	\$0.15	\$0.18	\$0.18	\$0.21	\$0.21	\$0.25
304L	\$0.15	\$0.18	\$0.18	\$0.21	\$0.21	\$0.25
321	\$0.15	\$0.18	\$0.18	\$0.21	\$0.21	\$0.25
347	\$0.15	\$0.18	\$0.18	\$0.21	\$0.21	\$0.25
2507	\$0.37	\$0.43	\$0.39	\$0.46	\$0.42	\$0.49
316L	\$0.26	\$0.31	\$0.29	\$0.34	\$0.32	\$0.38
3R60	\$0.27	\$0.31	\$0.29	\$0.34	\$0.33	\$0.38
310	\$0.20	\$0.24	\$0.23	\$0.27	\$0.28	\$0.33
2205	\$0.31	\$0.37	\$0.34	\$0.40	\$0.36	\$0.43
317L	\$0.32	\$0.37	\$0.34	\$0.39	\$0.38	\$0.44
600	\$0.10	\$0.12	\$0.12	\$0.14	\$0.26	\$0.30
800	\$0.14	\$0.17	\$0.17	\$0.20	\$0.24	\$0.28
825	\$0.29	\$0.34	\$0.31	\$0.36	\$0.39	\$0.46
Alloy 20	\$0.26	\$0.31	\$0.28	\$0.33	\$0.36	\$0.42
400	\$0.02	\$0.02	\$0.02	\$0.03	\$0.15	\$0.18
625	\$0.58	\$0.68	\$0.58	\$0.68	\$0.71	\$0.84
904L	\$0.37	\$0.43	\$0.38	\$0.45	\$0.45	\$0.52
2304	\$0.19	\$0.22	\$0.22	\$0.26	\$0.24	\$0.28
253MA	\$0.16	\$0.19	\$0.19	\$0.23	\$0.22	\$0.26
28//	\$0.35	\$0.41	\$0.37	\$0.43	\$0.44	\$0.52
2RE10	\$0.18	\$0.21	\$0.21	\$0.25	\$0.26	\$0.30
2RE69	\$0.27	\$0.32	\$0.30	\$0.35	\$0.35	\$0.42
3RE60	\$0.28	\$0.33	\$0.30	\$0.35	\$0.32	\$0.38
601	\$0.14	\$0.17	\$0.17	\$0.20	\$0.28	\$0.33
HP160	\$0.28	\$0.32	\$0.30	\$0.35	\$0.33	\$0.39
71	\$0.10	\$0.12	\$0.12	\$0.14	\$0.25	\$0.30
80	\$0.27	\$0.32	\$0.29	\$0.35	\$0.33	\$0.38
200	\$0.00	\$0.00	\$0.00	\$0.00	\$0.19	\$0.22
309	\$0.17	\$0.20	\$0.20	\$0.24	\$0.24	\$0.28
330	\$0.13	\$0.16	\$0.16	\$0.18	\$0.23	\$0.27
446	\$0.20	\$0.23	\$0.23	\$0.28	\$0.25	\$0.29
690	\$0.18	\$0.21	\$0.21	\$0.25	\$0.32	\$0.38
702	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2707	\$0.42	\$0.50	\$0.44	\$0.52	\$0.47	\$0.56
2906	\$0.30	\$0.35	\$0.33	\$0.39	\$0.36	\$0.42
21.6.9	\$0.19	\$0.22	\$0.22	\$0.26	\$0.24	\$0.28
254SMO	\$0.44	\$0.52	\$0.45	\$0.53	\$0.50	\$0.59
316LVAR	\$0.27	\$0.32	\$0.29	\$0.34	\$0.33	\$0.39
353MA	\$0.17	\$0.20	\$0.20	\$0.23	\$0.27	\$0.32
HAST C276	\$0.86	\$1.01	\$0.83	\$0.98	\$0.96	\$1.13
NANOFLEX	\$0.30	\$0.36	\$0.31	\$0.37	\$0.35	\$0.41
SAFUREX	\$0.30	\$0.35	\$0.33	\$0.39	\$0.36	\$0.42
316Ti	\$0.24	\$0.28	\$0.26	\$0.30	\$0.29	\$0.34
410	\$0.12	\$0.15	\$0.15	\$0.18	\$0.16	\$0.19
SA29	\$0.39	\$0.46	\$0.41	\$0.48	\$0.48	\$0.57
304/L MEDICAL						
316LVM		\$1.35		\$1.40		\$1.51