

# Sandvik Surcharge Calculation

## One Month Prior Element Average

(\$/lb.)

	7/16/15 - 8/15/15	8/16/15 - 9/15/15	9/16/15 - 10/15/15	10/16/15 - 11/15/15	11/16/15 - 12/15/15	12/16/15 - 1/15/16
<b>Cr</b>	\$1.056	\$1.080	\$1.040	\$1.040	\$0.920	\$0.920
<b>Ni</b>	\$4.99	\$4.52	\$4.57	\$4.56	\$3.99	\$3.85
<b>Mo</b>	\$6.88	\$6.63	\$6.39	\$5.68	\$5.69	\$6.23
<b>Fe</b>	\$0.095	\$0.093	\$0.080	\$0.074	\$0.079	\$0.078

## Monthly Surcharges

(\$/lb.)

	Dec-15		Jan-16		Feb-16	
	HF	CF	HF	CF	HF	CF
<b>303</b>	\$0.14	\$0.17	\$0.12	\$0.14	\$0.11	\$0.13
<b>304L</b>	\$0.14	\$0.17	\$0.12	\$0.14	\$0.11	\$0.13
<b>321</b>	\$0.14	\$0.17	\$0.12	\$0.14	\$0.11	\$0.13
<b>347</b>	\$0.14	\$0.17	\$0.12	\$0.14	\$0.11	\$0.13
<b>2507</b>	\$0.25	\$0.29	\$0.22	\$0.25	\$0.24	\$0.28
<b>316L</b>	\$0.18	\$0.22	\$0.16	\$0.19	\$0.18	\$0.21
<b>3R60</b>	\$0.18	\$0.21	\$0.16	\$0.19	\$0.18	\$0.21
<b>310</b>	\$0.18	\$0.21	\$0.14	\$0.17	\$0.15	\$0.17
<b>2205</b>	\$0.22	\$0.26	\$0.19	\$0.22	\$0.21	\$0.25
<b>317L</b>	\$0.21	\$0.25	\$0.18	\$0.22	\$0.21	\$0.24
<b>600</b>	\$0.10	\$0.12	\$0.08	\$0.09	\$0.08	\$0.09
<b>800</b>	\$0.14	\$0.16	\$0.11	\$0.13	\$0.11	\$0.13
<b>825</b>	\$0.20	\$0.24	\$0.17	\$0.20	\$0.19	\$0.23
<b>Alloy 20</b>	\$0.19	\$0.22	\$0.16	\$0.19	\$0.17	\$0.21
<b>400</b>	\$0.01	\$0.01	\$0.01	\$0.02	\$0.01	\$0.02
<b>625</b>	\$0.33	\$0.39	\$0.29	\$0.34	\$0.36	\$0.42
<b>904L</b>	\$0.23	\$0.28	\$0.20	\$0.24	\$0.24	\$0.28
<b>2304</b>	\$0.17	\$0.20	\$0.14	\$0.16	\$0.14	\$0.16
<b>253MA</b>	\$0.15	\$0.18	\$0.12	\$0.14	\$0.12	\$0.14
<b>28//</b>	\$0.25	\$0.29	\$0.21	\$0.24	\$0.23	\$0.27
<b>2RE10</b>	\$0.17	\$0.20	\$0.13	\$0.16	\$0.13	\$0.16
<b>2RE69</b>	\$0.21	\$0.25	\$0.17	\$0.20	\$0.19	\$0.22
<b>3RE60</b>	\$0.19	\$0.23	\$0.17	\$0.20	\$0.19	\$0.22
<b>601</b>	\$0.14	\$0.17	\$0.11	\$0.13	\$0.11	\$0.13
<b>HP160</b>	\$0.20	\$0.23	\$0.17	\$0.20	\$0.19	\$0.22
<b>71</b>	\$0.10	\$0.12	\$0.07	\$0.09	\$0.07	\$0.09
<b>80</b>	\$0.19	\$0.23	\$0.17	\$0.20	\$0.18	\$0.21
<b>200</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>309</b>	\$0.16	\$0.19	\$0.13	\$0.15	\$0.13	\$0.15
<b>330</b>	\$0.13	\$0.15	\$0.10	\$0.12	\$0.10	\$0.12
<b>446</b>	\$0.19	\$0.22	\$0.15	\$0.18	\$0.15	\$0.17
<b>690</b>	\$0.18	\$0.22	\$0.14	\$0.16	\$0.14	\$0.16
<b>702</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>2707</b>	\$0.28	\$0.33	\$0.24	\$0.28	\$0.27	\$0.32
<b>2906</b>	\$0.24	\$0.28	\$0.20	\$0.23	\$0.21	\$0.25
<b>21.6.9</b>	\$0.16	\$0.19	\$0.13	\$0.16	\$0.14	\$0.16
<b>254SMO</b>	\$0.26	\$0.31	\$0.23	\$0.28	\$0.28	\$0.33
<b>316LVAR</b>	\$0.19	\$0.22	\$0.16	\$0.19	\$0.18	\$0.21
<b>353MA</b>	\$0.16	\$0.19	\$0.13	\$0.15	\$0.13	\$0.15
<b>HAST C276</b>	\$0.41	\$0.49	\$0.39	\$0.46	\$0.51	\$0.60
<b>NANOFLEX</b>	\$0.18	\$0.21	\$0.16	\$0.19	\$0.19	\$0.23
<b>SAFUREX</b>	\$0.24	\$0.28	\$0.20	\$0.23	\$0.21	\$0.25
<b>316Ti</b>	\$0.17	\$0.20	\$0.14	\$0.17	\$0.16	\$0.19
<b>410</b>	\$0.11	\$0.13	\$0.09	\$0.11	\$0.09	\$0.11
<b>SA29</b>	\$0.26	\$0.31	\$0.22	\$0.26	\$0.26	\$0.30
<b>304/L MEDICAL</b>						
<b>316LVM</b>		\$1.19		\$1.09		\$1.09