



**Surcharge List - 2019 Data**  
(\$/CWT)

Published August 13, 2020

Effective Jan 1, 2019 through Dec 31, 2019

Grade	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
1010	15.133	13.633	12.627	13.618	12.540	10.634	9.138	8.722	9.722	7.722	5.705	6.703
1010M+Ti	15.222	13.722	12.711	13.696	12.622	10.724	9.229	8.813	9.813	7.813	5.785	6.782
1015	15.133	13.633	12.627	13.618	12.540	10.634	9.138	8.722	9.722	7.722	5.705	6.703
1018	15.222	13.722	12.711	13.696	12.622	10.724	9.229	8.813	9.813	7.813	5.785	6.782
1020	15.133	13.633	12.627	13.618	12.540	10.634	9.138	8.722	9.722	7.722	5.705	6.703
1020V3	17.070	15.483	14.105	14.998	13.758	11.515	9.846	9.339	10.293	8.237	6.188	7.135
1022	15.251	13.751	12.739	13.722	12.649	10.754	9.260	8.844	9.844	7.844	5.812	6.809
1022M	15.288	13.788	12.774	13.755	12.683	10.791	9.298	8.882	9.882	7.882	5.846	6.842
1025	15.133	13.633	12.627	13.618	12.540	10.634	9.138	8.722	9.722	7.722	5.705	6.703
1026	15.222	13.722	12.711	13.696	12.622	10.724	9.229	8.813	9.813	7.813	5.785	6.782
1026HS	19.034	17.345	15.548	16.347	14.907	12.245	10.366	9.754	10.654	8.533	6.483	7.375
1028	15.275	13.775	12.762	13.743	12.671	10.778	9.284	8.868	9.868	7.868	5.834	6.830
1029	15.222	13.722	12.711	13.696	12.622	10.724	9.229	8.813	9.813	7.813	5.785	6.782
1030	15.222	13.722	12.711	13.696	12.622	10.724	9.229	8.813	9.813	7.813	5.785	6.782
1035	15.222	13.722	12.711	13.696	12.622	10.724	9.229	8.813	9.813	7.813	5.785	6.782
1038	15.222	13.722	12.711	13.696	12.622	10.724	9.229	8.813	9.813	7.813	5.785	6.782
1040	15.222	13.722	12.711	13.696	12.622	10.724	9.229	8.813	9.813	7.813	5.785	6.782
1042	15.222	13.722	12.711	13.696	12.622	10.724	9.229	8.813	9.813	7.813	5.785	6.782
1043	15.251	13.751	12.739	13.722	12.649	10.754	9.260	8.844	9.844	7.844	5.812	6.809
1045	15.222	13.722	12.711	13.696	12.622	10.724	9.229	8.813	9.813	7.813	5.785	6.782
1045H	15.222	13.722	12.711	13.696	12.622	10.724	9.229	8.813	9.813	7.813	5.785	6.782
1050	15.222	13.722	12.711	13.696	12.622	10.724	9.229	8.813	9.813	7.813	5.785	6.782
1050M1	15.318	13.818	12.803	13.781	12.710	10.821	9.329	8.913	9.913	7.913	5.873	6.868
1050M2	15.281	13.781	12.767	13.748	12.676	10.784	9.290	8.874	9.874	7.874	5.839	6.835
1050MV	16.395	14.836	13.584	14.512	13.325	11.192	9.579	9.103	10.072	8.035	6.000	6.965
1053	15.251	13.751	12.739	13.722	12.649	10.754	9.260	8.844	9.844	7.844	5.812	6.809
1055	15.222	13.722	12.711	13.696	12.622	10.724	9.229	8.813	9.813	7.813	5.785	6.782



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1060	15.222	13.722	12.711	13.696	12.622	10.724	9.229	8.813	9.813	7.813	5.785	6.782
1060M	15.207	13.707	12.697	13.683	12.608	10.709	9.214	8.798	9.798	7.798	5.772	6.769
1070M	15.281	13.781	12.767	13.748	12.676	10.784	9.290	8.874	9.874	7.874	5.839	6.835
1080	15.222	13.722	12.711	13.696	12.622	10.724	9.229	8.813	9.813	7.813	5.785	6.782
1080M	15.220	13.720	12.710	13.695	12.620	10.722	9.228	8.812	9.812	7.812	5.784	6.781
1090	15.222	13.722	12.711	13.696	12.622	10.724	9.229	8.813	9.813	7.813	5.785	6.782
10B36	15.370	13.870	12.852	13.827	12.758	10.873	9.382	8.966	9.966	7.966	5.920	6.914
10B41	15.281	13.781	12.767	13.748	12.676	10.784	9.290	8.874	9.874	7.874	5.839	6.835
10V40M	19.116	17.426	15.625	16.419	14.982	12.327	10.450	9.838	10.738	8.617	6.557	7.448
10V45	21.674	19.853	17.512	18.183	16.490	13.298	11.152	10.406	11.236	9.031	6.966	7.786
1117	15.340	13.840	12.824	13.801	12.731	10.843	9.352	8.936	9.936	7.936	5.893	6.888
1137	15.444	13.944	12.922	13.892	12.826	10.948	9.459	9.043	10.043	8.043	5.987	6.980
1141	15.444	13.944	12.922	13.892	12.826	10.948	9.459	9.043	10.043	8.043	5.987	6.980
1141V	20.429	18.681	16.632	17.359	15.815	12.937	10.945	10.273	11.142	8.983	6.899	7.756
1144	15.444	13.944	12.922	13.892	12.826	10.948	9.459	9.043	10.043	8.043	5.987	6.980
1340	15.518	14.018	12.993	13.958	12.895	11.023	9.535	9.119	10.119	8.119	6.054	7.047
1516	15.421	13.921	12.901	13.873	12.806	10.925	9.436	9.020	10.020	8.020	5.967	6.961
1516CbV1	19.791	18.072	16.146	16.905	15.416	12.651	10.716	10.075	10.959	8.819	6.745	7.618
1517VCbCa2	16.781	15.208	13.891	14.798	13.587	11.403	9.763	9.272	10.233	8.186	6.138	7.094
1518CbV	18.409	16.749	15.125	15.969	14.627	12.154	10.368	9.802	10.685	8.572	6.505	7.419
1518VCa2	17.122	15.534	14.154	15.044	13.806	11.568	9.899	9.393	10.347	8.290	6.235	7.181
1519V	16.199	14.655	13.459	14.394	13.239	11.173	9.592	9.131	10.108	8.080	6.035	7.006
1519VCbCa2	19.421	17.716	15.855	16.634	15.169	12.456	10.549	9.923	10.815	8.684	6.621	7.504
1520VNb	18.599	16.938	15.255	16.073	14.695	12.163	10.347	9.765	10.681	8.578	6.513	7.419
1522	15.370	13.870	12.852	13.827	12.758	10.873	9.382	8.966	9.966	7.966	5.920	6.914
1538M	15.355	13.855	12.838	13.814	12.744	10.858	9.367	8.951	9.951	7.951	5.906	6.901
1552	15.399	13.899	12.880	13.853	12.785	10.903	9.413	8.997	9.997	7.997	5.947	6.941



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1552M1	15.444	13.944	12.922	13.892	12.826	10.948	9.459	9.043	10.043	8.043	5.987	6.980
1566	15.296	13.796	12.781	13.761	12.690	10.799	9.306	8.890	9.890	7.890	5.853	6.848
15B23MoV	19.277	17.626	15.977	16.828	15.518	13.056	11.261	10.699	11.564	9.431	7.338	8.195
15B29	15.377	13.877	12.859	13.833	12.765	10.881	9.390	8.974	9.974	7.974	5.926	6.921
15B37H	15.370	13.870	12.852	13.827	12.758	10.873	9.382	8.966	9.966	7.966	5.920	6.914
15B41H	15.444	13.944	12.922	13.892	12.826	10.948	9.459	9.043	10.043	8.043	5.987	6.980
15CrMo5	19.038	17.451	16.339	17.450	16.550	14.690	13.174	12.773	13.371	11.142	8.986	9.792
15CrMoV6	40.889	38.644	34.312	34.786	32.746	28.022	24.940	23.822	23.871	20.999	18.579	18.492
15V10M	20.655	18.947	16.996	17.758	16.300	13.548	11.605	10.968	11.842	9.685	7.584	8.400
15V20	25.634	23.623	20.490	20.965	18.911	14.968	12.442	11.500	12.230	9.903	7.798	8.511
17-22-AS	36.360	34.070	29.864	30.300	28.092	23.311	20.280	19.141	19.286	16.520	14.226	14.442
17-22-AV	71.612	67.570	56.107	54.825	49.244	37.410	30.831	27.888	27.108	23.221	20.721	19.969
17CrNiMo6	22.968	21.461	20.792	22.897	22.438	20.381	18.181	17.761	19.426	18.947	18.409	18.716
18CrNiMo7-6	22.968	21.461	20.792	22.897	22.438	20.381	18.181	17.761	19.426	18.947	18.409	18.716
2.25Cr1Mo	27.967	26.373	25.022	26.312	25.768	23.987	22.375	22.015	22.157	19.598	17.210	17.452
20MnCr5	16.442	14.819	13.777	14.860	13.867	11.985	10.506	10.092	10.725	8.551	6.449	7.442
20MoCr4M	20.503	19.018	17.864	18.932	18.063	16.220	14.669	14.277	15.062	12.892	10.722	11.380
23MnNiMoCr5-4	23.677	22.285	21.394	23.069	22.498	20.551	18.550	18.150	19.708	18.697	17.545	17.827
25MoCr4	20.583	19.058	17.902	19.000	18.144	16.302	14.758	14.365	15.042	12.824	10.642	11.317
31CrMoV9	28.440	26.264	23.329	24.143	22.464	18.827	16.441	15.589	15.532	12.830	10.586	11.188
3310	23.402	22.018	22.026	25.281	25.193	22.845	19.828	19.365	22.647	24.555	26.177	26.131
3311	23.249	21.877	21.891	25.136	25.038	22.686	19.668	19.205	22.526	24.453	26.086	26.041
34CrNiMo6V	23.808	22.226	21.307	23.396	22.792	20.417	18.035	17.535	19.251	18.860	18.442	18.736
36CrNiMo4	20.620	19.126	18.343	20.083	19.429	17.424	15.447	15.030	16.498	15.534	14.516	15.030
38MnS6BY	15.569	14.053	13.029	14.014	12.957	11.078	9.590	9.174	10.126	8.104	6.042	7.036
38MnS6ICI	15.561	14.045	13.022	14.007	12.950	11.071	9.582	9.166	10.119	8.096	6.036	7.029
38MnS6MOD	15.554	14.038	13.015	14.001	12.944	11.063	9.575	9.159	10.111	8.088	6.029	7.023



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<b>38MnS6VBYMod</b>	17.861	16.233	14.727	15.594	14.309	11.958	10.233	9.697	10.603	8.513	6.442	7.371
<b>38MNVMod</b>	21.265	19.473	17.244	17.932	16.302	13.243	11.161	10.444	11.290	9.103	7.020	7.853
<b>38MnVS6MOD</b>	29.373	27.172	23.256	23.550	21.129	16.414	13.502	12.364	12.994	10.546	8.429	9.038
<b>4023</b>	17.920	16.457	15.372	16.377	15.400	13.533	12.004	11.602	12.566	10.512	8.417	9.225
<b>4027</b>	17.920	16.457	15.372	16.377	15.400	13.533	12.004	11.602	12.566	10.512	8.417	9.225
<b>40CrNiMoA</b>	21.209	19.780	19.156	21.173	20.623	18.553	16.357	15.931	17.879	17.548	17.075	17.452
<b>4118</b>	16.938	15.401	14.345	15.386	14.389	12.508	11.003	10.593	11.418	9.317	7.233	8.142
<b>4118H</b>	16.938	15.401	14.345	15.386	14.389	12.508	11.003	10.593	11.418	9.317	7.233	8.142
<b>4120</b>	17.548	16.019	14.944	15.985	15.010	13.141	11.631	11.224	12.042	9.930	7.824	8.694
<b>4121</b>	18.456	16.933	15.835	16.891	15.951	14.087	12.565	12.163	12.952	10.814	8.690	9.497
<b>4121M</b>	18.902	17.365	16.255	17.328	16.410	14.551	13.027	12.626	13.357	11.187	9.045	9.833
<b>4121M1</b>	19.625	18.074	16.945	18.042	17.155	15.303	13.774	13.377	14.036	11.825	9.661	10.411
<b>4121M2</b>	19.625	18.074	16.945	18.042	17.155	15.303	13.774	13.377	14.036	11.825	9.661	10.411
<b>4121M2.5</b>	18.760	17.200	16.095	17.186	16.268	14.403	12.884	12.482	13.160	10.969	8.831	9.638
<b>4128VMTi</b>	26.186	24.267	21.968	22.885	21.527	18.555	16.467	15.786	16.017	13.490	11.258	11.836
<b>4130</b>	18.181	16.609	15.522	16.619	15.681	13.803	12.289	11.885	12.554	10.366	8.249	9.095
<b>4130H</b>	18.204	16.629	15.542	16.641	15.705	13.828	12.313	11.909	12.570	10.379	8.261	9.107
<b>4130HW</b>	20.539	18.892	17.509	18.642	17.608	15.383	13.624	13.135	13.864	11.811	9.858	10.587
<b>4130M7Ca4</b>	23.996	22.454	21.207	22.380	21.665	19.853	18.276	17.899	18.370	16.012	13.736	14.204
<b>4130MNi4V</b>	20.637	19.031	17.846	19.180	18.281	16.143	14.325	13.862	14.794	13.070	11.400	12.063
<b>4130MODSS</b>	26.356	24.730	22.968	23.995	23.020	20.696	18.854	18.349	18.862	16.471	14.204	14.586
<b>4130MVCbTi</b>	24.391	22.590	20.494	21.381	20.052	17.253	15.251	14.613	15.101	12.718	10.528	11.150
<b>4130Ni</b>	18.703	17.137	16.089	17.285	16.396	14.501	12.919	12.514	13.276	11.252	9.286	10.076
<b>4130NiNb</b>	19.825	18.218	16.999	18.185	17.230	15.155	13.462	13.011	13.781	11.782	9.859	10.602
<b>4130NiV</b>	20.001	18.385	17.130	18.307	17.336	15.225	13.514	13.055	13.820	11.815	9.891	10.629
<b>4130NiVCa4</b>	19.618	18.002	16.789	17.976	17.016	14.939	13.250	12.798	13.555	11.554	9.634	10.395



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4130V	20.556	18.859	17.309	18.307	17.165	14.843	13.106	12.588	13.159	10.881	8.742	9.526
4130V2	28.592	26.495	23.288	23.895	21.982	18.049	15.501	14.571	14.931	12.397	10.212	10.776
4135	18.270	16.697	15.606	16.697	15.763	13.893	12.381	11.977	12.646	10.458	8.330	9.175
4135H	18.293	16.718	15.626	16.720	15.787	13.917	12.405	12.001	12.662	10.471	8.341	9.186
4137MCbCa4	19.527	17.960	16.834	17.941	17.055	15.201	13.676	13.277	13.900	11.674	9.509	10.274
4137MVCa4	22.088	20.407	18.791	19.786	18.683	16.360	14.596	14.078	14.636	12.331	10.148	10.833
4140	18.292	16.720	15.627	16.717	15.784	13.915	12.404	11.999	12.669	10.481	8.350	9.194
4140VNb	20.097	18.466	17.124	18.248	17.218	15.034	13.297	12.815	13.585	11.558	9.605	10.357
4140Ca1	18.292	16.720	15.627	16.717	15.784	13.915	12.404	11.999	12.669	10.481	8.350	9.194
4140Ca2	18.292	16.720	15.627	16.717	15.784	13.915	12.404	11.999	12.669	10.481	8.350	9.194
4140Ca4	18.292	16.720	15.627	16.717	15.784	13.915	12.404	11.999	12.669	10.481	8.350	9.194
4140H	18.315	16.740	15.648	16.739	15.808	13.940	12.428	12.024	12.685	10.494	8.362	9.206
4140HW	20.481	18.843	17.490	18.624	17.612	15.432	13.694	13.213	13.948	11.900	9.933	10.665
4140MV	24.616	22.845	20.794	21.689	20.404	17.674	15.695	15.075	15.588	13.214	11.011	11.602
4140Nb	18.292	16.720	15.627	16.717	15.784	13.915	12.404	11.999	12.669	10.481	8.350	9.194
4140Se	18.292	16.720	15.627	16.717	15.784	13.915	12.404	11.999	12.669	10.481	8.350	9.194
4140V	20.638	18.949	17.373	18.348	17.190	14.851	13.103	12.579	13.186	10.924	8.780	9.559
4140VNb	20.097	18.466	17.124	18.248	17.218	15.034	13.297	12.815	13.585	11.558	9.605	10.357
4142	18.292	16.720	15.627	16.717	15.784	13.915	12.404	11.999	12.669	10.481	8.350	9.194
4142H	18.315	16.740	15.648	16.739	15.808	13.940	12.428	12.024	12.685	10.494	8.362	9.206
4143V	20.352	18.690	17.228	18.239	17.149	14.930	13.238	12.745	13.348	11.091	8.944	9.721
4145	18.292	16.720	15.627	16.717	15.784	13.915	12.404	11.999	12.669	10.481	8.350	9.194
4145H	18.315	16.740	15.648	16.739	15.808	13.940	12.428	12.024	12.685	10.494	8.362	9.206
4145HS	21.796	20.114	18.506	19.496	18.382	16.056	14.295	13.776	14.346	12.050	9.875	10.579
4145HSX	22.119	20.487	19.027	20.071	19.087	16.955	15.271	14.803	15.358	13.057	10.849	11.501
4145M	18.914	17.340	16.231	17.331	16.422	14.562	13.044	12.643	13.281	11.071	8.922	9.728
4145M3CbTiCa4	19.741	18.179	17.046	18.151	17.272	15.422	13.895	13.498	14.125	11.899	9.727	10.477



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<b>4145M3VCb</b>	21.184	19.531	18.065	19.091	18.049	15.869	14.180	13.698	14.269	11.989	9.809	10.532
<b>4145M4</b>	20.544	18.998	17.842	18.946	18.094	16.257	14.720	14.326	14.959	12.724	10.530	11.222
<b>4145M4CA4</b>	20.544	18.998	17.842	18.946	18.094	16.257	14.720	14.326	14.959	12.724	10.530	11.222
<b>4145M4VCb</b>	22.119	20.487	19.027	20.071	19.087	16.955	15.271	14.803	15.358	13.057	10.849	11.501
<b>4145MCa2</b>	18.914	17.340	16.231	17.331	16.422	14.562	13.044	12.643	13.281	11.071	8.922	9.728
<b>4145MCa4</b>	19.428	17.862	16.739	17.845	16.955	15.098	13.573	13.174	13.806	11.585	9.425	10.194
<b>4150</b>	18.292	16.720	15.627	16.717	15.784	13.915	12.404	11.999	12.669	10.481	8.350	9.194
<b>4150Ca1</b>	18.292	16.720	15.627	16.717	15.784	13.915	12.404	11.999	12.669	10.481	8.350	9.194
<b>4150H</b>	18.315	16.740	15.648	16.739	15.808	13.940	12.428	12.024	12.685	10.494	8.362	9.206
<b>4150HTe</b>	18.315	16.740	15.648	16.739	15.808	13.940	12.428	12.024	12.685	10.494	8.362	9.206
<b>4150MR</b>	18.125	16.580	15.490	16.551	15.604	13.741	12.228	11.824	12.572	10.423	8.296	9.139
<b>4150R</b>	18.292	16.720	15.627	16.717	15.784	13.915	12.404	11.999	12.669	10.481	8.350	9.194
<b>4161H</b>	19.226	17.684	16.565	17.649	16.745	14.888	13.361	12.962	13.665	11.478	9.328	10.097
<b>41B17M</b>	17.433	15.899	14.827	15.867	14.889	13.020	11.513	11.105	11.917	9.805	7.698	8.580
<b>41B27</b>	18.227	16.656	15.568	16.666	15.730	13.852	12.336	11.933	12.601	10.412	8.295	9.137
<b>41B28M4NBCA4</b>	22.554	20.931	19.431	20.474	19.479	17.301	15.587	15.112	15.687	13.385	11.191	11.803
<b>41B30M1</b>	17.601	16.069	14.993	16.033	15.062	13.195	11.686	11.279	12.089	9.973	7.862	8.732
<b>41B45M</b>	17.470	15.940	14.867	15.904	14.927	13.059	11.551	11.144	11.963	9.853	7.746	8.623
<b>42CrMo4</b>	18.617	17.037	15.937	17.041	16.122	14.254	12.739	12.336	12.970	10.762	8.624	9.450
<b>42CrMo4+Ni+V</b>	25.278	23.453	21.316	22.396	21.058	18.024	15.768	15.076	15.861	13.937	12.184	12.718
<b>4319</b>	21.765	20.392	19.831	21.962	21.464	19.365	17.061	16.634	18.851	18.824	18.598	18.878
<b>4320</b>	21.847	20.478	19.933	22.095	21.609	19.503	17.176	16.749	19.005	19.037	18.866	19.131
<b>4320H</b>	21.750	20.377	19.817	21.948	21.450	19.350	17.046	16.619	18.836	18.808	18.584	18.864
<b>4320M9</b>	29.898	28.640	27.873	30.099	29.903	27.885	25.456	25.067	27.218	27.086	26.719	26.420
<b>4320MCr</b>	22.089	20.684	20.115	22.270	21.794	19.700	17.400	16.974	19.095	19.022	18.776	19.055
<b>4330NiMo5VCa4</b>	30.462	28.906	27.523	29.845	29.200	26.184	23.156	22.509	24.889	25.280	25.542	25.340
<b>4330VCb</b>	28.659	27.102	25.744	27.838	27.142	24.319	21.552	20.946	23.018	22.937	22.758	22.721



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<b>4332CR12</b>	22.154	20.687	20.022	22.054	21.542	19.484	17.304	16.883	18.655	18.190	17.631	17.973
<b>4332MVca2</b>	33.356	31.655	29.794	32.196	31.337	27.675	24.208	23.402	25.946	26.652	27.288	26.959
<b>4340</b>	22.179	20.778	20.224	22.410	21.946	19.845	17.523	17.096	19.257	19.243	19.051	19.315
<b>4340Ca2</b>	22.186	20.785	20.231	22.416	21.953	19.853	17.531	17.103	19.265	19.251	19.058	19.322
<b>4340Ca4</b>	22.186	20.785	20.231	22.416	21.953	19.853	17.531	17.103	19.265	19.251	19.058	19.322
<b>4340CAR</b>	22.186	20.785	20.231	22.416	21.953	19.853	17.531	17.103	19.265	19.251	19.058	19.322
<b>4340H</b>	22.089	20.684	20.115	22.270	21.794	19.700	17.400	16.974	19.095	19.022	18.776	19.055
<b>4340V</b>	24.825	23.293	22.195	24.252	23.535	20.906	18.317	17.755	19.847	19.749	19.541	19.732
<b>4350</b>	22.139	20.744	20.190	22.372	21.904	19.804	17.482	17.054	19.232	19.225	19.035	19.299
<b>4350M1</b>	21.788	20.356	19.645	21.549	20.984	18.949	16.828	16.410	18.187	17.599	16.890	17.259
<b>43B17</b>	21.854	20.486	19.940	22.101	21.616	19.510	17.184	16.756	19.013	19.045	18.873	19.138
<b>44MnSiVS6</b>	24.753	22.774	19.874	20.426	18.504	14.802	12.398	11.516	12.197	9.870	7.752	8.496
<b>4619</b>	21.660	20.313	19.772	21.915	21.416	19.309	16.981	16.553	18.873	18.935	18.774	19.040
<b>4715</b>	23.032	21.619	20.695	22.291	21.671	19.728	17.794	17.395	18.822	17.630	16.340	16.687
<b>4715Ca2</b>	23.032	21.619	20.695	22.291	21.671	19.728	17.794	17.395	18.822	17.630	16.340	16.687
<b>4715Ca4</b>	23.051	21.639	20.718	22.320	21.702	19.759	17.820	17.421	18.856	17.676	16.396	16.741
<b>4715Vca2</b>	25.378	23.848	22.441	23.922	23.077	20.664	18.494	17.974	19.339	18.073	16.769	17.052
<b>4815Ca4</b>	24.609	23.430	23.399	26.527	26.432	24.108	21.041	20.589	24.337	26.429	28.064	27.831
<b>4815MCA2</b>	25.786	24.622	24.556	27.686	27.633	25.330	22.252	21.805	25.540	27.609	29.205	28.896
<b>4815Mca2</b>	25.786	24.622	24.556	27.686	27.633	25.330	22.252	21.805	25.540	27.609	29.205	28.896
<b>4817H</b>	24.609	23.430	23.399	26.527	26.432	24.108	21.041	20.589	24.337	26.429	28.064	27.831
<b>4820</b>	24.639	23.460	23.427	26.553	26.459	24.138	21.072	20.620	24.368	26.460	28.090	27.858
<b>4820H</b>	24.639	23.460	23.427	26.553	26.459	24.138	21.072	20.620	24.368	26.460	28.090	27.858
<b>5016NiV</b>	20.365	18.650	16.821	17.778	16.374	13.577	11.525	10.883	11.928	10.091	8.317	9.110
<b>5046</b>	15.515	13.986	12.967	13.976	12.921	11.027	9.536	9.121	10.033	7.991	5.946	6.941
<b>5046H</b>	15.520	13.990	12.971	13.980	12.926	11.032	9.541	9.126	10.036	7.994	5.948	6.944
<b>5046M</b>	19.343	17.623	15.818	16.640	15.220	12.563	10.688	10.077	10.889	8.726	6.657	7.548



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5059Ni	16.340	14.836	13.866	14.999	14.009	12.093	10.507	10.091	11.164	9.353	7.512	8.415
5060	15.725	14.172	13.148	14.178	13.138	11.245	9.756	9.341	10.182	8.106	6.049	7.045
50B25	15.605	14.073	13.051	14.057	13.006	11.119	9.629	9.214	10.118	8.073	6.017	7.012
50B32M	16.417	14.887	13.841	14.857	13.839	11.962	10.466	10.054	10.925	8.854	6.773	7.718
5120	15.983	14.397	13.369	14.428	13.407	11.513	10.026	9.611	10.357	8.235	6.167	7.162
5120H	15.983	14.397	13.369	14.428	13.407	11.513	10.026	9.611	10.357	8.235	6.167	7.162
5120M	16.305	14.692	13.654	14.731	13.730	11.844	10.362	9.948	10.613	8.454	6.362	7.356
5130	16.123	14.521	13.489	14.563	13.551	11.658	10.173	9.758	10.456	8.312	6.236	7.231
5130H	16.146	14.542	13.509	14.585	13.575	11.682	10.197	9.783	10.472	8.324	6.247	7.243
5132RM	20.689	18.858	16.913	17.777	16.353	13.584	11.658	11.018	11.568	9.269	7.154	8.027
5135	16.070	14.471	13.441	14.514	13.500	11.604	10.118	9.703	10.409	8.268	6.198	7.193
5150	15.983	14.397	13.369	14.428	13.407	11.513	10.026	9.611	10.357	8.235	6.167	7.162
5160H	16.005	14.419	13.390	14.448	13.427	11.535	10.049	9.634	10.380	8.258	6.187	7.182
5160Te	16.135	14.539	13.505	14.570	13.558	11.669	10.185	9.770	10.484	8.347	6.267	7.261
5165	16.005	14.419	13.390	14.448	13.427	11.535	10.049	9.634	10.380	8.258	6.187	7.182
52100	16.479	14.821	13.785	14.917	13.935	12.031	10.548	10.134	10.665	8.441	6.357	7.353
5219	15.991	14.421	13.389	14.424	13.399	11.517	10.033	9.618	10.410	8.312	6.232	7.226
6150	24.921	22.881	20.036	20.681	18.826	15.167	12.795	11.930	12.396	9.972	7.846	8.600
8019	16.900	15.354	14.299	15.346	14.351	12.468	10.966	10.556	11.358	9.248	7.163	8.079
8119	17.910	16.391	15.422	16.664	15.765	13.852	12.205	11.792	12.841	11.107	9.348	10.148
8219	18.054	16.537	15.563	16.803	15.910	14.001	12.354	11.942	12.989	11.253	9.487	10.278
8319	18.484	16.972	15.986	17.230	16.352	14.448	12.795	12.385	13.427	11.682	9.906	10.667
8617	18.915	17.436	16.519	17.900	17.076	15.134	13.375	12.963	14.213	12.745	11.223	11.905
8617H	18.908	17.428	16.512	17.894	17.069	15.126	13.368	12.955	14.205	12.737	11.216	11.898
8620	18.915	17.436	16.519	17.900	17.076	15.134	13.375	12.963	14.213	12.745	11.223	11.905
8620Ca1	18.915	17.436	16.519	17.900	17.076	15.134	13.375	12.963	14.213	12.745	11.223	11.905
8620H	18.908	17.428	16.512	17.894	17.069	15.126	13.368	12.955	14.205	12.737	11.216	11.898





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<b>8620M7</b>	18.908	17.428	16.512	17.894	17.069	15.126	13.368	12.955	14.205	12.737	11.216	11.898
<b>8620Te</b>	19.360	17.881	16.970	18.389	17.592	15.648	13.866	13.454	14.718	13.293	11.812	12.460
<b>8622H</b>	18.908	17.428	16.512	17.894	17.069	15.126	13.368	12.955	14.205	12.737	11.216	11.898
<b>8625</b>	18.915	17.436	16.519	17.900	17.076	15.134	13.375	12.963	14.213	12.745	11.223	11.905
<b>8627H</b>	18.908	17.428	16.512	17.894	17.069	15.126	13.368	12.955	14.205	12.737	11.216	11.898
<b>8630</b>	18.915	17.436	16.519	17.900	17.076	15.134	13.375	12.963	14.213	12.745	11.223	11.905
<b>8630H</b>	18.908	17.428	16.512	17.894	17.069	15.126	13.368	12.955	14.205	12.737	11.216	11.898
<b>8630MCA2</b>	21.193	19.719	18.812	20.355	19.659	17.710	15.846	15.439	16.731	15.422	14.059	14.568
<b>8630MCA4</b>	21.193	19.719	18.812	20.355	19.659	17.710	15.846	15.439	16.731	15.422	14.059	14.568
<b>8630MVCA2</b>	23.827	22.284	21.077	22.629	21.857	19.612	17.549	17.070	18.344	17.068	15.772	16.154
<b>8630MVCAR</b>	23.827	22.284	21.077	22.629	21.857	19.612	17.549	17.070	18.344	17.068	15.772	16.154
<b>8640</b>	18.937	17.458	16.540	17.920	17.096	15.156	13.398	12.986	14.236	12.768	11.243	11.924
<b>8640H</b>	18.937	17.458	16.540	17.920	17.096	15.156	13.398	12.986	14.236	12.768	11.243	11.924
<b>86B20H</b>	19.176	17.700	16.777	18.161	17.345	15.406	13.644	13.233	14.479	13.006	11.478	12.141
<b>8719M</b>	19.392	17.924	17.030	18.472	17.683	15.733	13.928	13.515	14.841	13.486	12.062	12.695
<b>8720Ca4</b>	19.452	17.980	17.048	18.434	17.629	15.692	13.927	13.518	14.760	13.282	11.747	12.390
<b>8720M2</b>	19.025	17.542	16.631	18.031	17.217	15.273	13.505	13.092	14.346	12.900	11.400	12.074
<b>8740</b>	19.474	18.002	17.070	18.454	17.649	15.715	13.950	13.540	14.783	13.304	11.767	12.410
<b>8822</b>	20.548	19.090	18.128	19.521	18.755	16.832	15.054	14.650	15.878	14.378	12.814	13.382
<b>8822H</b>	20.548	19.090	18.128	19.521	18.755	16.832	15.054	14.650	15.878	14.378	12.814	13.382
<b>8829M7CbTiCa4</b>	26.687	25.291	24.249	25.864	25.374	23.480	21.526	21.145	22.407	21.047	19.603	19.720
<b>9260</b>	15.259	13.759	12.746	13.729	12.656	10.761	9.268	8.852	9.852	7.852	5.819	6.815
<b>9310</b>	23.810	22.462	22.370	25.447	25.316	23.013	20.087	19.633	22.819	24.462	25.806	25.748
<b>9310H</b>	23.833	22.483	22.390	25.470	25.340	23.037	20.111	19.657	22.836	24.475	25.818	25.760
<b>9313MCA4</b>	24.141	22.768	22.666	25.764	25.653	23.355	20.432	19.979	23.085	24.689	26.014	25.951
<b>9323M</b>	27.124	25.842	25.834	29.234	29.315	26.977	23.804	23.354	26.892	29.074	30.887	30.521
<b>9325M1</b>	27.182	25.918	25.819	29.053	29.082	26.782	23.705	23.262	26.671	28.578	30.121	29.774



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9840	20.603	19.135	18.333	20.019	19.347	17.354	15.394	14.978	16.484	15.492	14.421	14.931
9Cr1Mo	34.264	31.947	30.451	32.378	32.277	30.515	28.971	28.620	26.612	23.030	20.315	20.548
A485-1	16.297	14.685	13.647	14.725	13.723	11.836	10.355	9.940	10.606	8.447	6.356	7.350
A485-2	16.951	15.280	14.223	15.343	14.383	12.510	11.037	10.624	11.114	8.872	6.736	7.727
A485-3	19.126	17.523	16.410	17.539	16.647	14.783	13.267	12.866	13.417	11.165	9.008	9.814
A485-B6	19.838	18.186	17.056	18.235	17.385	15.523	14.009	13.610	13.997	11.665	9.479	10.267
A485-B7	21.717	20.090	18.908	20.103	19.320	17.479	15.940	15.551	15.914	13.543	11.312	11.967
C38+N2	15.561	14.045	13.022	14.007	12.950	11.071	9.582	9.166	10.119	8.096	6.036	7.029
C38Mod	21.412	19.604	17.372	18.073	16.453	13.395	11.315	10.599	11.397	9.187	7.096	7.929
CrMo	22.179	20.626	19.429	20.584	19.799	17.964	16.406	16.020	16.545	14.237	12.013	12.599
CrMoV4	38.034	35.783	31.529	31.958	29.806	25.051	21.999	20.868	21.038	18.260	15.919	16.014
CrMoV6	34.582	32.299	28.140	28.531	26.250	21.458	18.447	17.299	17.554	14.862	12.609	12.938
CTC4162-130	18.712	17.148	16.116	17.336	16.457	14.560	12.960	12.553	13.358	11.396	9.478	10.264
CTC4162-140	18.712	17.148	16.116	17.336	16.457	14.560	12.960	12.553	13.358	11.396	9.478	10.264
EN27	24.488	23.115	22.844	25.666	25.479	23.253	20.507	20.067	22.852	23.922	24.745	24.719
EN30B	27.474	26.217	26.324	29.937	30.095	27.704	24.380	23.923	27.744	30.346	32.544	32.094
EN30BMod	33.380	31.911	31.079	34.516	34.315	31.053	27.258	26.583	30.250	32.695	34.856	34.184
En355	22.629	21.154	20.654	23.016	22.624	20.493	18.107	17.676	19.744	19.835	19.812	20.061
EN40B	23.555	21.780	20.555	21.894	21.224	19.388	17.856	17.471	17.365	14.763	12.455	13.072
EX25	18.456	16.933	15.835	16.891	15.951	14.087	12.565	12.163	12.952	10.814	8.690	9.497
EX4	16.577	15.029	13.983	15.023	14.016	12.131	10.633	10.222	11.036	8.936	6.857	7.796
HF1	15.518	14.018	12.993	13.958	12.895	11.023	9.535	9.119	10.119	8.119	6.054	7.047
HS220-18	23.507	22.182	21.585	23.725	23.293	21.225	18.881	18.461	20.761	20.790	20.559	20.709
HS220-18S	23.507	22.182	21.585	23.725	23.293	21.225	18.881	18.461	20.761	20.790	20.559	20.709
HS220-27	28.571	26.969	25.452	27.443	26.632	23.673	20.885	20.242	22.239	22.035	21.763	21.774
HS220-27Ca2	28.571	26.969	25.452	27.443	26.632	23.673	20.885	20.242	22.239	22.035	21.763	21.774
HS220-27CA4	28.571	26.969	25.452	27.443	26.632	23.673	20.885	20.242	22.239	22.035	21.763	21.774



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HS220-27Ca4	28.571	26.969	25.452	27.443	26.632	23.673	20.885	20.242	22.239	22.035	21.763	21.774
HS220-27CAR	28.571	26.969	25.452	27.443	26.632	23.673	20.885	20.242	22.239	22.035	21.763	21.774
HY-80	26.941	25.572	25.264	28.185	28.109	25.888	23.082	22.651	25.372	26.441	27.292	27.094
IMPACT7	23.996	22.454	21.207	22.380	21.665	19.853	18.276	17.899	18.370	16.012	13.736	14.204
MicroTec2W65	20.077	18.343	16.357	17.103	15.585	12.760	10.796	10.140	11.016	8.867	6.792	7.657
MicroTec2W70	20.722	18.960	16.850	17.563	15.991	13.054	11.032	10.346	11.207	9.039	6.953	7.802
MicroTec2W75	24.242	22.304	19.469	20.010	18.101	14.458	12.081	11.214	11.983	9.702	7.597	8.349
MicroTec3M80C	20.246	18.497	16.506	17.264	15.757	12.935	10.973	10.317	11.146	8.974	6.888	7.753
MicroTec3M80H	23.054	21.174	18.582	19.181	17.384	13.975	11.716	10.909	11.709	9.466	7.369	8.153
MicroTec3M80T	23.054	21.174	18.582	19.181	17.384	13.975	11.716	10.909	11.709	9.466	7.369	8.153
MicroTec3M85	22.452	20.602	18.131	18.760	17.018	13.726	11.526	10.749	11.564	9.340	7.248	8.049
MicroTec3W75	25.898	23.872	20.680	21.142	19.060	15.055	12.499	11.542	12.264	9.927	7.825	8.530
MicroTec4M95	21.419	19.611	17.379	18.079	16.460	13.403	11.323	10.607	11.404	9.195	7.103	7.935
MicroTec4M95A	21.419	19.611	17.379	18.079	16.460	13.403	11.323	10.607	11.404	9.195	7.103	7.935
MicroTec5H85	21.095	19.303	17.083	17.781	16.145	13.071	10.985	10.269	11.114	8.928	6.866	7.701
Nit3	20.427	18.807	17.661	18.830	17.994	16.138	14.610	14.215	14.656	12.337	10.146	10.877
PS16	17.548	16.019	14.944	15.985	15.010	13.141	11.631	11.224	12.042	9.930	7.824	8.694
PS16M	17.626	16.088	15.012	16.059	15.089	13.221	11.712	11.305	12.099	9.976	7.865	8.735
PS55	27.082	25.777	25.086	27.288	26.992	24.950	22.560	22.158	24.332	24.252	23.943	23.850
PS55Ca2	27.082	25.777	25.086	27.288	26.992	24.950	22.560	22.158	24.332	24.252	23.943	23.850
PS55M	27.220	25.914	25.219	27.423	27.133	25.093	22.703	22.301	24.465	24.380	24.066	23.965
PS55M2	27.082	25.777	25.086	27.288	26.992	24.950	22.560	22.158	24.332	24.252	23.943	23.850
S30CDY7A	15.266	13.766	12.753	13.735	12.663	10.769	9.275	8.859	9.859	7.859	5.826	6.822
S38CX	17.015	15.540	14.479	15.477	14.467	12.590	11.074	10.666	11.643	9.607	7.533	8.405
S38MS1V	23.465	21.555	18.900	19.501	17.684	14.214	11.927	11.106	11.849	9.575	7.472	8.248
S38MS1VA	24.954	22.969	20.011	20.542	18.586	14.823	12.388	11.492	12.191	9.866	7.753	8.489
S38MS1V-L	23.465	21.555	18.900	19.501	17.684	14.214	11.927	11.106	11.849	9.575	7.472	8.248



**Surcharge List - 2019 Data**  
(\$/CWT)

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Grade	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
<b>S38MS1V-T</b>	21.698	19.875	17.583	18.270	16.622	13.505	11.395	10.664	11.454	9.235	7.143	7.968
<b>S40C-M</b>	15.222	13.722	12.711	13.696	12.622	10.724	9.229	8.813	9.813	7.813	5.785	6.782
<b>S40VCSS1</b>	21.243	19.436	17.212	17.922	16.295	13.224	11.140	10.424	11.226	9.019	6.948	7.783
<b>S45CVMn</b>	22.841	20.960	18.428	19.060	17.298	13.943	11.714	10.923	11.682	9.426	7.331	8.124
<b>S53CG</b>	15.222	13.722	12.711	13.696	12.622	10.724	9.229	8.813	9.813	7.813	5.785	6.782
<b>SCM420H</b>	18.878	17.302	16.195	17.301	16.392	14.526	13.007	12.606	13.236	11.023	8.879	9.687
<b>SCR15</b>	16.194	14.581	13.549	14.633	13.627	11.732	10.248	9.833	10.499	8.340	6.262	7.257
<b>SCR440H</b>	16.194	14.581	13.549	14.633	13.627	11.732	10.248	9.833	10.499	8.340	6.262	7.257
<b>SPG21CF</b>	21.012	19.531	18.364	19.443	18.592	16.751	15.191	14.803	15.573	13.388	11.210	11.831
<b>SV40CL1</b>	21.498	19.676	17.393	18.094	16.438	13.303	11.189	10.457	11.247	9.029	6.961	7.789
<b>SVh40C</b>	18.741	17.066	15.330	16.143	14.731	12.128	10.278	9.682	10.589	8.477	6.430	7.330
<b>SW85</b>	22.452	20.602	18.131	18.760	17.018	13.726	11.526	10.749	11.564	9.340	7.248	8.049
<b>TIM6V</b>	21.896	20.074	17.723	18.379	16.694	13.522	11.382	10.635	11.465	9.260	7.168	7.984
<b>VacTec400</b>	19.997	18.479	17.451	18.726	17.910	16.022	14.355	13.952	14.905	13.099	11.279	11.950
<b>WHS100</b>	22.501	20.832	19.239	20.482	19.370	16.791	14.713	14.135	15.213	13.600	12.034	12.625
<b>WHS130</b>	22.074	20.669	20.101	22.257	21.780	19.685	17.385	16.958	19.080	19.007	18.762	19.042
<b>ZF7B</b>	16.504	14.875	13.831	14.918	13.929	12.049	10.570	10.156	10.773	8.592	6.485	7.478