

REV DATE: 6/11/2012 GG

"CARBON / SULFUR RING STANDARDS"

<u>PART #</u>	<u>SIZE</u>	<u>% CARBON</u>	<u>% SULFUR</u>	<u>LOT#</u>	<u>UNIT WEIGHT</u>
AR 869	1g	0.019	0.014	708917409	454g
AR 870	1g	0.032	0.033	811D	454g
AR 871	1g	0.051	0.034	911A	454g
AR 872	1g	0.180	0.019	111C	454g
AR 873	1g	0.468	0.0109	37944509	454g
AR 874	1g	0.723	0.022	C1070500	454g
AR 875	1g	0.829	0.0067	511A	454g
AR 876	1g	0.546	0.0082	T39074299	454g
AR 878	1g	0.271	0.019	A26076510	454g

"CARBON / SULFUR PIN STANDARDS"

<u>PART #</u>	<u>SIZE</u>	<u>% CARBON</u>	<u>% SULFUR</u>	<u>LOT#</u>	<u>UNIT WEIGHT</u>
AR 510	0.5g	2.50	0.058	P50266509	250g
AR 511	0.5g	0.081	0.240	535018408	250g
AR 512	0.5g	0.015	0.269	511803107	250g
AR 881	1g	0.014	0.0045	611B	454g
AR 882	1g	0.063	0.023	711C	454g
AR 883	1g	0.19	0.022	A25909707	454g
AR 884	1g	0.4410	0.0110	24809400	454g
AR 885	1g	0.805	0.022	88593301	454g
AR 886	1g	0.738	0.024	SDC23811207	454g
AR 888	1g	0.082	0.243	411A	454g
AR 889	1g	1.057	0.0215	532997908	454g
AR 890	1g	0.099	0.0182	104923808	454g
AR 891	1g	0.038	0.033	1652904	454g
AR 892	1g	0.0049	0.0020	511B	454g
AR 893	1g	1.51	0.013	346007209	454g
AR 894	1g	0.544	0.0096	T39074299	454g
AR 895	1g	0.247	0.021	A26076	454g
AR 896**	1g	0.168	0.087	W91607	454g

"CARBON / SULFUR / NITROGEN CHIP STANDARDS"
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<u>PART #</u>	<u>% CARBON</u>	<u>% SULFUR</u>	<u>NITROGEN</u>	<u>LOT#</u>	<u>UNIT WEIGHT</u>
AR 946	SOLD OUT. ESTIMATED RELEASE OF NEW LOT: JUNE, 2012.				
AR 947	0.389	0.094	121 PPM	22900	150g
AR 948	0.503	0.077	93 PPM	311A	150g
AR 949	0.0137	0.027	860 PPM	82206	150g
AR 950	0.055	0.009	55 PPM	N09168	150g
AR 951	0.147	0.027	0.0116%	711A	150g
AR 952	0.470	0.021	104 PPM	120308	150g
AR 953	0.927	0.011	57 PPM	75165	150g
AR 954	0.424	0.031	84 PPM	92809	150g
AR 955	0.204	0.0284	91 PPM	734509306	150g
AR 956	0.498	0.301	0.0097%	611D	150g
AR 957	0.154	0.112	30 PPM	61709	150g
AR 958	0.015	0.023	0.068%	212A	150g
AR 959	SOLD OUT & DISCONTINUED. USE AR-949 OR AR-961 AS ALTERNATIVE.				
AR 960	0.133	0.0013	0.035%	512A	150g
AR 961	0.022	0.0093	0.041%	112C	150g

"CAST IRON THRU WROUGHT IRON STANDARDS"
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<u>PART #</u>	<u>% CARBON</u>	<u>% SULFUR</u>	<u>LOT#</u>	<u>UNIT WEIGHT</u>
AR 299	1.05	0.011	20901	150g
AR 300	3.32	0.014	80404	150g
AR 301	2.02	0.018	1111C	150g
AR 302	3.29	0.046	92208	150g
AR 303	3.94	0.022	811A	150g
AR 304	4.23	0.014	62200	150g
AR 305	2.79	0.012	90701	150g
AR 306	3.50	0.019	7507	150g
AR 307	6.15	0.0041	052009	150g
AR 309	3.70	0.024	1111B	150g
AR 310	3.35	0.085	911D	150g
AR 315	3.09	0.111	G55	150g
AR 318	3.08	0.037	42099	150g
AR 319**	3.28	0.055	113001	150g
AR 322**	3.41	0.050	1011A	250g
AR 323**	3.84	0.064	81502	250g
AR 673	0.0004	0.0017	611E	454g

** New Standards