

ADDENDUM TO TEAL SHEETS
**International Alloy Designations and Chemical Composition Limits for
Wrought Aluminum and Wrought Aluminum Alloys – February 2009**

New Alloys

June 11, 2014

Alloy Designations, and Chemical Composition Limits Registered Since February 2009																								
Registered International Designation			Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ag	B	Bi	Ga	Li	Pb	Sn	V	Zr		OTHERS		ALUMINUM
																						Each	Total	
No.	Date	By																						
2824	2014-02-13	USA	0.08	0.11	3.7-4.3	0.50-0.9	1.1-1.6	0.05	...	0.25	0.15	...	...	...	...	...	...	...	...	...	...	0.05	0.15	Remainder
6361	2013-10-14	USA	0.6-0.9	0.40	0.20-0.50	0.10-0.20	1.0-1.4	0.10-0.30	...	0.25	0.15	...	...	...	...	...	...	...	...	...	...	0.05	0.15	Remainder
2295	2013-09-30	USA	0.08	0.08	3.9-4.5	0.10	0.25-0.8	...	...	0.25	0.10	0.10-0.50	...	...	...	0.9-1.3	...	...	...	0.05-0.15	...	0.05	0.15	Remainder
2070	2013-08-23	USA	0.12	0.15	2.9-3.8	0.10-0.50	0.05-0.40	...	...	0.10-0.50	0.10	...	...	...	...	1.0-1.4	...	...	...	0.05-0.15	...	0.05	0.15	Remainder
2029	2013-04-26	USA	0.12	0.15	3.2-4.0	0.20-0.40	0.8-1.1	...	...	...	0.10	0.30-0.50	...	...	...	...	...	...	...	0.08-0.15	...	0.05	0.15	Remainder
8076	2013-01-08 ²	USA	0.10	0.6-0.9	0.04	...	0.08-0.22	...	...	0.05	...	...	0.04	...	...	...	...	...	...	...	...	0.03	0.10	Remainder
6305	2012-12-19	USA	0.6-1.0	0.35	0.10	0.15	0.45-0.8	0.15	...	0.10	0.10	...	...	...	...	...	...	...	...	...	0.12-0.20Mn+Cr	0.05	0.15	Remainder
8177	2012-11-08 ²	USA	0.10	0.25-0.45	0.04	...	0.04-0.12	...	...	0.05	...	...	0.04	...	...	...	...	...	...	...	...	0.03	0.10	Remainder
2076	2012-09-18	France	0.10	0.10	2.0-2.7	0.15-0.50	0.20-0.8	...	...	0.30	0.10	0.15-0.40	...	...	...	1.2-1.8	...	...	...	0.05-0.16	...	0.05	0.15	Remainder
2065	2012-09-18	France	0.10	0.10	3.8-4.7	0.15-0.50	0.25-0.8	...	...	0.30	0.10	0.15-0.50	...	...	...	0.8-1.5	...	...	...	0.05-0.15	...	0.05	0.15	Remainder
3021	2012-03-08	Japan	0.50	0.7	0.20-0.6	0.05-0.8	0.10	0.10	...	0.10	0.10	...	...	...	...	...	...	...	...	...	...	0.05	0.15	Remainder
7065	2012-02-02	USA	0.06	0.08	1.9-2.3	0.04	1.5-1.8	0.04	...	7.1-8.3	0.06	...	...	...	...	...	...	...	...	0.05-0.15	...	0.05	0.15	Remainder
6055	2012-01-20	USA	0.6-1.2	0.30	0.50-1.0	0.10	0.7-1.1	0.20-0.30	...	0.55-0.9	0.10	...	...	...	...	...	...	...	...	...	...	0.05	0.15	Remainder
5050C	2012-01-03	Brazil	0.25	0.6	0.50	0.20	1.2-1.8	0.10	...	0.50	0.10	...	...	...	...	...	...	...	...	...	...	0.05	0.15	Remainder
7099	2011-10-31	USA	0.12	0.15	1.4-2.1	0.04	1.6-2.3	0.04	...	7.4-8.4	0.06	...	...	...	...	...	...	...	...	0.05-0.15	...	0.05	0.15	Remainder
2055	2011-10-11	USA	0.07	0.10	3.2-4.2	0.10-0.50	0.20-0.6	...	...	0.30-0.7	0.10	0.20-0.7	...	...	...	1.0-1.3	...	...	...	0.05-0.15	...	0.05	0.15	Remainder
6660	2011-09-30	USA	0.40-0.8	0.15-0.30	0.10	0.03-0.20	0.30-0.6	0.05	0.05	0.10	0.10	...	...	...	0.05	...	...	...	0.05	...	...	0.05	0.15	Remainder
4943 ¹	2011-05-25	USA	5.0-6.0	0.40	0.10	0.05	0.10-0.50	...	...	0.10	0.15	...	...	...	...	...	...	...	...	...	...	0.05	0.15	Remainder
4021	2011-03-11	USA	3.3-4.3	0.20-0.50	0.15	0.40-0.7	0.6-1.1	0.15	..	0.25	0.10	...	...	...	...	...	0.03	...	...	...	...	0.05	0.15	Remainder
2060	2011-04--21	USA	0.07	0.07	3.4-4.5	0.10-0.50	0.6-1.1	...	...	0.30-0.50	0.10	0.05-0.50	...	...	...	0.6-0.9	...	...	...	0.05-0.15	---	0.05	0.15	Remainder
6027	2010-12-15	China	0.55-0.8	0.30	0.15	0.10-0.30	0.8-1.1	0.10	...	0.10-0.30	0.15	...	...	...	...	...	...	...	...	...	...	0.05	0.15	Remainder
2724	2010-10-15	USA	0.15	0.20	3.8-4.9	0.30-0.9	1.2-1.8	...	...	0.25	0.06	...	...	...	...	...	...	...	...	0.08-0.14	...	0.05	0.15	Remainder
7047	2010-10-01	USA	0.12	0.15	0.04	0.04	1.3-1.8	0.05	...	7.0-8.0	0.08	0.25-0.50	...	...	...	...	...	...	...	0.07-0.13	...	0.05	0.15	Remainder

¹ - 0.0003% max Be for welding electrodes, welding rod and filler wire

² - Alloy Reactivation Date

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June 11, 2014

New Alloys

Alloy Designations, and Chemical Composition Limits Registered Since February 2009

Registered International Designation			Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ag	B	Bi	Ga	Li	Pb	Sn	V	Zr		OTHERS		ALUMINUM
No.	Date	By																				Each	Total	Minimum
7185	2010-08-10	USA	0.25	0.25	1.3-2.0	0.10	1.2-1.8	0.10	...	7.0-8.2	0.06	...	...	...	...	...	...	...	...	0.08-0.15	...	0.05	0.15	Remainder
5449A	2010-07-27	EAA	0.6	1.2	0.30	0.6-1.1	1.6-2.6	0.30	0.10	0.30	0.10	...	...	...	...	...	...	0.10	...	...	...	0.05	0.15	Remainder
2296	2010-07-08	France	0.12	0.15	2.1-2.8	0.05-0.50	0.20-0.8	...	...	0.25	0.10	0.25-0.6	...	...	...	1.3-1.9	...	...	...	0.04-0.18	...	0.05	0.15	Remainder
6460B	2010-06-01	Brazil	0.20-0.7	0.20	0.10	0.10	0.20-0.40	0.03	...	0.04	0.10	...	...	...	...	...	...	...	...	...	...	0.05	0.15	Remainder
4143 ¹	2010-02-25	USA	4.7-6.0	0.8	0.30	0.05	0.15-0.30	...	...	0.10	0.20	...	...	...	...	...	...	...	...	...	...	0.05	0.15	Remainder
2624	2009-08-17	USA	0.08	0.08	3.8-4.3	0.45-0.7	1.2-1.6	0.05	...	0.15	0.10	...	...	...	...	...	...	...	...	...	...	0.05	0.15	Remainder
7255	2009-08-17	USA	0.06	0.09	2.0-2.6	0.05	1.8-2.3	0.04	...	7.6-8.4	0.06	...	...	...	...	...	...	...	...	0.08-0.15	...	0.05	0.15	Remainder
7181	2009-08-03	Germany	0.08	0.10	1.2-1.9	0.15	1.7-2.2	0.04	...	6.7-7.9	0.06	...	...	...	...	...	...	...	...	0.08-0.18	...	0.05	0.15	Remainder
7042	2009-06-26	USA	0.20	0.20	1.3-1.9	0.20-0.40	2.0-2.8	0.05	...	6.5-7.9	...	...	...	...	...	...	...	...	...	0.11-0.20	Sc 0.18-0.50	0.05	0.15	Remainder
6068	2009-06-25	Switzerland	0.6-1.4	0.50	0.10	0.40-1.0	0.6-1.2	0.30	0.05	0.30	0.20	...	...	0.6-1.1	0.03	...	0.20-0.40	...	0.05	...	...	0.05	0.15	Remainder
5854	2009-02-05	Germany	0.40	0.40	0.10	0.50	2.8-3.6	0.30	...	0.20	0.15	...	...	...	...	0.0009	0.01	...	...	0.05-0.30	Ca 0.0009 Na 0.0009 Mn+Cr 0.10-0.6	0.05	0.15	Remainder
3065	2008-12-01	USA	0.30	0.30	0.40-0.8	0.6-0.9	0.25	...	0.05	0.05	0.05	...	...	...	...	...	...	...	...	...	...	0.05	0.15	Remainder

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Revised Alloys

Revisions to Table of Chemical Composition Limits Since February 2009

ALLOY DESIGNATION	
1445	Deletion of 0.50 Si + Fe limit

Corrections

Corrections to Table of Chemical Composition Limits

ALLOY DESIGNATION	
6025	Add missing value for Chromium content – 0.20% max.
1198	Reference to FN"4" is corrected to read "5"
6023	Deleted value listed for Chromium Content (0.20%)

Inactive Alloys

Corrections to Table of Chemical Composition Limits

ALLOY DESIGNATION	
6460A	Deactivated January 3, 2011