ERRATA

ANSI/ANS-56.8-2002 (R2016)
Containment System Leakage Testing Requirements

Several typographical errors were identified in Appendix F, Termination Limit Criteria. The errors and corrections are as follows:

The column headings and rows 1-5 of Table F.1, Sample problem, on page 32 read as follow:

Data point	Time (h)	Mass (lbm)	MP UCL (%/day)	G2.1 Limit (<1)	G2.2 Limit (>0)	G2.3 Limit (<1)	G3 Limit (>1)
1	00:00	173825.2857	[a]	[a]	[a]	[a]	0.0000
2	00:15	173814.0484	[a]	[a]	[a]	[a]	1.0000
3	00:30	173813.8596	1.7956	-0.1153[b]	[a]	[a]	0.8102
4	00:45	173817.0412	0.5153	0.0881[b]	56.8316	463.8451	0.5177
5	01:00	173813.5221	0.2913		21.3352	151.5345	0.7347

The correction is provided below:

Data point	Time (h)	Mass (lbm)	MP UCL (%/day)	F2.1 Limit (<1)	F2.2 Limit (>0)	F2.3 Limit (<1)	F3 Limit (>1)
1	00:00	173825.2857	[a]	[a]	[a]	[a]	0.0000
2	00:15	173814.0484	[a]	[a]	[a]	[a]	1.0000
3	00:30	173813.8596	1.7956	[a]	[a]	[a]	0.8102
4	00:45	173817.0412	0.5153	0.1153[b]	56.8316	463.8451	0.5177
5	01:00	173813.5221	0.2913	0.0881[b]	21.3352	151.5345	0.7347

Equation (F.8) on page 33 reads as follows:

$$F = \frac{(B' - B)\sum W_i + (A - A')\sum t_i W_i + C'\sum t_i^2 W_i}{\sum W_i^2 - B'\sum W_i - A'\sum t_i W_i - C'\sum t_i^2 W_i}\,(n - 3)\,.$$

The correction is provided below:

$$F = \frac{(B' - B)\sum W_i + (A' - A)\sum W_i\, t_i + C'\sum W_i\, t_i^2}{\sum W_i^2 - B' W_i - A'\sum W_i\, t_i - C'\sum W_i\, t_i^2}\,(n - 3)\,.$$