

Intel Historical HMDS Usage and Silica Emissions - 7/8/2009															
HMDS to silica (assumes 100% HMDS converts) - 0.745															
Note – Intel also uses an HMDS emission factor in the quarterly VOC reports, i.e. tool testing shows that 30% of the HMDS is emitted to the thermal oxidizer (highest emission factor)															
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
HMDS Use (tons/year)	14.33	13.00	12.50	13.02	9.82	11.22	9.08	5.45	3.54	3.36	4.16	4.78	4.82	3.21	1.63
Silica emissions -100 % HMDS use emitted (tons/year)	10.7	9.7	9.3	9.7	7.3	8.4	6.8	4.1	2.6	2.5	3.1	3.6	3.6	2.4	1.2
Silica Emissions - 100% HMDS use emitted(lb/hr)	2.44	2.21	2.13	2.21	1.67	1.91	1.54	0.93	0.60	0.57	0.71	0.81	0.82	0.55	0.28