

Efforts To Reduce Thermal Oxidizer Downtime

Intel

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Progress Update

Why:

- Per the CEWG request, Intel worked to scheduled its preventative maintenance on the thermal oxidizers to minimize downtime by doing maintenance on the system around the clock (24 hrs / day).

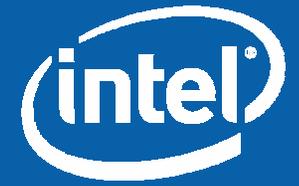
Results:

- The total downtime for preventative maintenance was reduced over 70% from 2004 to 2005
- The average downtime for preventative maintenance was reduced from about 49 hours to 17 hours

Continuous Improvements:

- In 2006, Intel will make every effort to schedule preventative maintenance when the weather is right for good dispersion, ie "burn days"





Backup

Report Tracking Number	Equipment Involved	Date System Down	Date System Restarted	Total time in bypass (hrs)	Estimated VOC emissions (lbs)
EHS-04-1.004	F11S RTO	3/9/2004	3/11/2004	57.2	413.2
EHS-04-1.013	F11W RTO	4/27/2004	4/29/2004	62.2	620.3
EHS-04-1.018	Fab 7 RTO	5/11/2004	5/12/2004	38.8	15.6
EHS-04-1.028	F11X Bridge RTO	9/6/2004	9/7/2004	39.75	66.0
EHS-04-1.029	F11X FAB RTO	9/20/2004	9/21/2004	39.1	278
EHS-04-1.030	F11S RTO	10/18/2004	10/20/2004	43.3	312.8
EHS-04-1.033	F11W RTO	11/2/2004	11/4/2004	62.2	635.7
2004 Average:				48.9	N/A
2004 Total:				342.6	2,341.6

Report Tracking Number	Equipment Involved	Date System Down	Date System Restarted	Total time in bypass (hrs)	Estimated VOC emissions (lbs)
EHS-05-1.005	Fab 11W RTO	4/28/2005	4/28/2005	17.2	175.8
EHS-05-1.007	Fab 11S RTO	5/4/2005	5/4/2005	14.7	106.2
EHS-05-1.020	Fab 11X Bridge RTO	9/7/2005	9/7/2005	15.6	25.9
EHS-05-1.022	Fab 11X Fab RTO	9/20/2005	9/21/2005	23.2	165.7
EHS-05-1.024	Fab 11S RTO	10/19/2005	10/19/2005	15.4	111.0
EHS-05-1.026	Fab 11W RTO	11/1/2005	11/4/2005	14.5	146.7
2005 Average:				16.8	N/A
2005 Total:				100.6	584.6

Note: The EHS-05-1.026 report emissions and time in bypass were scaled to reflect 14.5 hours for preventative maintenance. Total downtime reported was 84 hours and included other project work.

