



**Table 1 - Estimated Uncontrolled Dryer VOM/HAP Emissions
Dryer Shutdown on January 12, 2011 at 11:33 PM**

On January 12, 2011 at 11:33 PM the dryer shutdown automatically due to a shut down of a feed auger and a high temperature alarm, which caused the dryer emergency vent to atmosphere to open. The distillation process exhaust remained vented to the dryer RTO and the dryer RTO continued to operate so there were no uncontrolled emissions from the distillation process exhaust. For the purposes of this report, it has been assumed that emissions from this event would be equivalent to an typical event during which the fans continued to operate and the temperature of the dryer dropped to 130°F (point as which emissions are negligible) over 90 minutes.

12-Jan-11 11:33 PM Parameter	Dryer By-Pass Uncontrolled Emissions	
	(lbs)	tons
Duration of Emissions	90 min	
PM/PM10	1.95	0.001
CO	16.79	0.008
NOx	0.00	0.000
SO2	0.00	0.000
VOM	42.17	0.021
Total HAPs	4.66	0.002
Acetaldehyde	3.522	0.002
Acrolein	0.020	0.000
Formaldehyde	0.526	0.000
Methanol	0.591	0.000

Uncontrolled dryer VOM emissions based on August 2004 compliance testing.