

FACILITY-WIDE SUMMARY OF CRITERIA POLLUTANT, HAP and TAP EMISSIONS

Instructions for Form D3-1

Form D3-1 should be used to summarize the emissions from Forms D1-4, D1-5, and D2-2. This should be a facility-wide total, and no new emission calculations should be made here. Make as many copies of the form as necessary.

CRITERIA POLLUTANTS:

ACTUAL EMISSIONS UNCONTROLLED (lb/yr and tpy) - Add the actual uncontrolled emissions of each criteria pollutant emitted from all emission sources at the facility. Enter both the pound per year total and the ton per year total.

ACTUAL EMISSIONS CONTROLLED (lb/yr and tpy) - If a control device is not used, proceed to "Potential Emissions Uncontrolled". If a control device is used, add the actual controlled emissions of each criteria pollutant emitted from all emission sources at the facility. Enter both the pound per year total and the ton per year total.

POTENTIAL EMISSIONS UNCONTROLLED (lb/yr and tpy) - Add the potential uncontrolled emissions of each criteria pollutant emitted from all emission sources at the facility. Enter both the pound per year total and the ton per year total.

POTENTIAL EMISSIONS CONTROLLED (lb/yr and tpy) - If a control device is not used, proceed to "Other Regulated Pollutants". If a control device is used, add the potential controlled emissions of each criteria pollutant emitted from all emission sources at the facility. Enter both the pound per year total and the ton per year total.

HAP POLLUTANTS:

HAP - Enter a "H" if the constituent is only a federally regulated HAP. Enter T/H if the constituent is both a state regulated TAP and a federally regulated HAP. The TAP/HAP designations are listed in Appendix B.

ACTUAL EMISSIONS UNCONTROLLED (lb/yr and tpy) - Add the actual uncontrolled emissions of each regulated pollutant emitted from all emission sources at the facility. Enter both the pound per year total and the ton per year total.

ACTUAL EMISSIONS CONTROLLED (lb/yr and tpy) - If a control device is not used, proceed to "Potential Emissions Uncontrolled". If a control device is used, add the actual controlled emissions of each regulated pollutant emitted from all emission sources at the facility. Enter both the pound per year total and the ton per year total.

POTENTIAL EMISSIONS UNCONTROLLED (lb/yr and tpy) - Add the potential uncontrolled emissions of each regulated pollutant emitted from all emission sources at the facility. Enter both the pound per year total and the ton per year total.

POTENTIAL EMISSIONS CONTROLLED (lb/yr and tpy) - If a control device is not used, the form is completed. If a control device is used, add the potential controlled emissions of each regulated pollutant emitted from all emission sources at the facility. Enter both the pound per year total and the ton per year total.

TAP POLLUTANTS:

TAP - Enter the toxic air pollutant as listed in MCAPCO 1.5711 for which emissions are being reported. List each of the toxic air pollutants being emitted from the facility.

TAP NO. - Enter the toxic air pollutant (TAP) number as listed in MCAPCO 1.5711 that refers to the TAP for which emissions are being reported. List a TAP number for each of the toxic air pollutants being emitted from the facility.

EMISSION RATES - For each TAP emitted by the facility, determine the units in which emission rates are listed in MCAPCO 1.5711 (lb/yr, lb/day, and/or lb/hr). Enter the 1.5711 emission rate(s) in the appropriate column(s). For each unit wherein 1.5711 emission rates are available, enter in the appropriate column actual or projected actual facility-wide emission rates. Facility-wide emission rates are the sums of emission from all emission sources at the facility. For emission sources with devices to control a particular TAP, controlled TAP emission rates may be used to obtain the actual facility-wide emission rate.

IS ACTUAL > 1.5711 RATE? - For each TAP, check "Yes" if the actual emissions are greater than the MCAPCO 1.5711 emission rate. Check "No" if the actual emissions are less than or equal to the MCAPCO 1.5711 emission rate.

Note: Modeling may be required if the actual emissions are greater than the emission rates listed in MCAPCO 1.5711. A modeling protocol must be submitted to MCAQ and approved prior to submittal of the modeling report. In addition, modeling must be completed and approved by MCAQ prior to permit issuance.

**SECTION D
FACILITY-WIDE EMISSIONS SUMMARY**

D3-1

CRITERIA AIR POLLUTANT EMISSIONS INFORMATION FOR THIS SOURCE									
Air Pollutant Emittted	ACTUAL EMISSIONS				POTENTIAL EMISSIONS				
	(Before Controls/Limit)		(After Controls/Limit)		(Before Controls/Limit)		(After Controls/Limit)		
	lb/yr	tons/yr	lb/yr	tons/yr	lb/yr	tons/yr	lb/yr	tons/yr	
Particulate Matter (PM)									
Particulate Matter <10 Microns (PM ₁₀)									
Particulate Matter <2.5 Microns (PM _{2.5})									
Sulfur Dioxide (SO ₂)									
Nitrogen Oxides (NO _x)									
Carbon Monoxide (CO)									
Volatile Organic Compounds (VOC)									
LEAD									
Other									
HAZARDOUS AIR POLLUTANT EMISSIONS INFORMATION FOR THIS SOURCE									
HAP	CAS No.	ACTUAL EMISSIONS				POTENTIAL EMISSIONS			
		(Before Controls/Limit)		(After Controls/Limit)		(Before Controls/Limit)		(After Controls/Limit)	
		lb/yr	tons/yr	lb/yr	tons/yr	lb/yr	tons/yr	lb/yr	tons/yr
TOXIC AIR POLLUTANT EMISSIONS INFORMATION FOR THIS SOURCE									
TAP	CAS No.	Emission Rates (List each TAP with units as shown in 1.5711 only)							
		Lb/hr		Lb/day		Lb/year		Modeling Required?	
		Actual	1.5711	Actual	1.5711	Actual	1.5711	Yes	No
								<input type="checkbox"/>	<input type="checkbox"/>
								<input type="checkbox"/>	<input type="checkbox"/>
								<input type="checkbox"/>	<input type="checkbox"/>
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								<input type="checkbox"/>	<input type="checkbox"/>
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Notes:									
§ Controlled emission rates can be used for 'Actual'									
§ Modeling may be required if Actual is greater than the emission rates given in MCAQCO 1.5711									
§ A modeling protocol must be submitted to MCAQ and approved prior to submittal of the modeling report.									
§ In addition, modeling must be completed and approved prior to permit issuance.									
Comments:									