



Iowa Department of Natural Resources
 AIR QUALITY BUREAU
 6200 Park Ave Ste 200
 Des Moines IA 50321

SMALL UNIT EXEMPTION - CUMULATIVE NOTICE THRESHOLD SUMMARY

Please see instructions on reverse side.

Company Name: _____

PSD Classification:

- Major
 Minor

Facility ID (if known): _____

SUBSTANTIAL SMALL UNIT CUMULATIVE THRESHOLD SUMMARY

1. EP ID	2. EU ID	3. Source Description	4. Construction Date	5. Exemption Justification Emission Rate (tons/year)										
				PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	Lead	Single HAP	Total HAPS	
6. Total Emissions														
7. Cumulative Notice Threshold Limits (567 IAC 22.1(2)"w"(8))				25	15	10	40	40	40	100	0.6	10	10	

Instructions for Small Unit Exemption- Cumulative Notice Threshold Summary

This tracking sheet is intended to assist owners and operator with tracking the cumulative emissions from all substantial small units included in the small unit exemption (567 IAC 22.1(2)“w”). Its use is optional.

Each number provides an explanation for the corresponding field on the form.

Company Name: This is useful if application pages become separated.

PSD Classification: Check the appropriate source classification.

Substantial Small Unit Cumulative Threshold Summary:

- Emission Point (EP) ID:** Called the emission point (EP) identification (ID). It can be any combination of letters or number up to 16 characters in length. The ID should match the ID for this equipment used on other construction permit applications and within this application. If also submitting an operating permit application, the ID used in this application should be consistent with those used in the operating permit application.
- Emission Unit (EU) ID:** Called the emission unit (EU) identification (ID). It can be any combination of letters or number up to 16 characters in length. The ID should match the ID for this equipment used on other construction permit applications and within this application. If also submitting an operating permit application, the ID used in this application should be consistent with those used in the operating permit application.
- Description:** Provide a brief description of the source.
- Construction Date:** Provide the date, month, and year in which construction or modification begins.
- Exemption Justification Emission Rate (tons/year):** Provide the emission rate in tons per year for each pollutant as calculated in the applicable exemption justification document(s). The emissions from all substantial small units must be included. The following are regulated pollutants that must be accounted for:
 - PM:** All Particulate Matter (as defined in 40 CFR Part 51.100(pp)).
 - PM₁₀:** Particulate matter with an aerodynamic diameter of ten microns or less, as measured by an EPA-approved reference method
 - PM_{2.5}:** Particulate matter with an aerodynamic diameter of 2.5 microns or less, as measured by an EPA-approved reference method
 - SO₂:** Sulfur dioxide
 - NO₂:** Nitrogen dioxide, a subset of NO_x or all oxides of nitrogen
 - VOC:** Photochemical reactive volatile organic compounds.
 - CO:** Carbon monoxide
 - Lead (Pb):** Lead and lead compounds expressed as lead
 - Single HAP:** Hazardous Air Pollutants (as defined in 567 IAC 24.100).
 - Total HAP:** Hazardous Air Pollutants (as defined in 567 IAC 24.100).

- Total Emission:** Provide the sum of the emission rate for each pollutant for all emission points. If more than one single HAP needs to be included, use additional forms.
- Cumulative Notice Threshold Limits:** Compare “Total Emissions” to “Cumulative Notice Threshold Limits”. Total Combined emissions from all “substantial small units” using the “small unit” exemption at the facility that emit the following amounts, as documents in the exemption justification document:

PM: 25 tons/year (particulate matter as defined in 40 CFR Part 51.100(pp)).	PM_{2.5}: 10 tons/year	CO: 100 tons/year
PM₁₀: 15 tons/year	SO₂: 40 tons/year	Lead (Pb): 0.6 tons/year
	NO₂: 40 tons/year	Single HAP: 10 tons/year
	VOC: 40 tons/year	Total HAP: 25 tons/year

The department must be notified within 90 days of the end of the calendar year for which the aggregate emissions from substantial small units have reached any of the cumulative notice thresholds. Air construction permit applications must be submitted before the end of 90 days from the date it is determined that the cumulative notice threshold has been reached for all of the substantial small units for which the cumulative notice threshold for the pollutant(s) in question has been reached. A letter shall be submitted to the department within 5 working days of making this determination, establishing the date the owner or operator determined that the cumulative notice threshold had been reached.