AIR POLLUTION CONTROL OPERATION PERMIT

EXEMPTION APPLICATION CHECKLIST

AM-597 March 2022

Air pollution control operation permit exemption applications must include the information listed below. Include supporting information as necessary. Complete this checklist and submit it with the application. The department may request additional information as needed to process the application.

1. Complete and include the following Forms [†] † The forms in bold are required. All application forms can be found on the <u>Air permit and compliance forms webpage</u> . Each form includes detailed instructions. Download fillable PDF forms before opening and entering information. See DNR's <u>PDF Help</u> page for more information.								
	Form 4530-100							
	In Operation Permit Actions section C, specify the type of operation permit exemption the facility is requesting							
2. De	2. Describe the facility							
	Include a description of the facility by completing <u>item A</u> .							
	List and describe the emissions units at the facility, identifying any control devices, by completing <u>item B</u> .							
3. Identify applicable standards								
	Identify any New Source Performance Standard (NSPS) or National Emission Standard for Hazardous Air Pollutants (NESHAP) that apply to the facility and identify the affected sources, by completing <u>item C</u> .							
	Review the categories for $NSPS$ and $NESHAP$ to determine if the facility operations are included.							
4. Pr	ovide emission calculations							
	If eligibility for the operation permit exemption being applied for is dependent on the facility's emissions, provide facility total emission calculations for all air contaminants that demonstrate the exemption emission thresholds will be met. Provide an emission summary by completing item D and item E below or providing the same emissions information in an alternate format. Include emission calculation methodologies, emission factors, source of emission factors, and other assumptions or information used in the calculations. Eligibility for the following exemptions is dependent on the emissions from a facility: • Facilities Exempt Based on Actual Emissions (s. NR 407.03(1m), Wis. Adm. Code) • Natural Minor Source exemption (s. NR 407.03(1s), Wis. Adm. Code) • General Category of Exempt Sources (s. NR 407.03(2), Wis. Adm. Code)							
	• Some of the Specific Categories of Exempt Sources (s. NR 407.03(1), Wis. Adm. Code)							
	For additional information on calculating emissions, reference MTE and PTE Calculations [XLSX] (SB-113) and Actual Emissions Example Calculations [XLSX] (SB-301).							
	NEW: In addition to the air contaminants listed in Table 3 of s. NR 407.05, Wis. Adm. Code, sources must also provide emission calculations for 1-bromopropane (CAS# 106-94-5). 1-Bromopropane was added to the hazardous air pollutants listed under section 112(b) of the Clean Air Act, pursuant to 40 CFR part 63 Subpart C, effective February 4, 2022. For more information, see							

Additional Information:

- To be exempt from operation permitting, the entire facility must qualify for an exemption in <u>s. NR 407.03, Wis.</u> Adm. Code.
- More information about operation permit exemptions can be found on the <u>Air Permit Exemptions webpage</u>.
- An application for an exemption for Facilities Exempt Based on Actual Emissions in <u>s. NR 407.03(1m)</u>, <u>Wis. Adm. Code</u>, is considered a request for revocation of the facility's existing construction permit(s) and operation permit, pursuant to <u>s. NR 407.03(1m)(c)2.</u>, <u>Wis. Adm. Code</u>.
- An application for a Natural Minor Source Exemption in <u>s. NR 407.03(1s)</u>, <u>Wis. Adm. Code</u>, is considered a request for revocation of the facility's existing operation permit, pursuant to <u>s. NR 407.03(1s)(c)3.</u>, <u>Wis. Adm. Code</u>.
- For more information on Operation Permit Exemptions, contact the Small Business Environmental Assistance Program (SBEAP) at DNRsmallbusiness@wisconsin.gov or call toll-free at 1-855-889-3021.

Exemption Eligibility Information									
A. General facility description, including manufacturing activities and products:									
B. List of emissions units at the facility: Most recent date of									
Process ID	construction, modification or reconstruction								
		SHAP that apply to emissions units at the facility:							
Standard Title	e, Part and S	Subpart (e.g. NESHAP for Stationary RICE, 40 CFR Part 63, Subpart ZZZZ)	Affected sour	rce(s) process ID(s)					

D. List facility total emissions for each pollutant (attach supporting calculations):												
Pollutant				Actual emissions				Maximum theoretical Emissions				
				(most recent calend		dar year) tons/year		lbs/yr		tons/year		
Total Particulate Matter (PM)¹					103/yi		10	113/year	103/y1		113/year	
Particulate Matter less than 10 microns (PM ₁₀)												
Particulate Matter less than 2.5 microns (PM _{2.5})												
Sulfur Dioxide (SO ₂)												
Nitrogen Oxides (NO _x)												
Carbon Monoxide (CO)												
Volatile Organic Compounds (VOC)												
Lead (Pb)												
¹ Fugitive Particulate Matt								`	. ,,			
E. List facility total en	nissions of	regulated l	hazardou	_	s air pollutants (HAP) ² and hazardous air							
Hazardous air	CAS	Federa	I HAP	State hazardous air		Stack number(s)			ed actual ssions	Maximum theoretical emissions		
pollutant/contaminant	number			contar	ninant	Humbe	#I(S)	lbs/hr	lbs/yr	lbs/hr	lbs/yr	
		☐ Yes	□ No	☐ Yes	□ No							
		☐ Yes	□ No	☐ Yes	□ No							
		☐ Yes	□ No	☐ Yes	□ No							
		☐ Yes	□ No	☐ Yes	□ No							
		☐ Yes	□ No	☐ Yes	□No							
		☐ Yes	□ No	☐ Yes	□No							
		☐ Yes	□ No	☐ Yes	□ No							
		☐ Yes	□ No	☐ Yes	□ No							
		☐ Yes	□ No	☐ Yes	□ No							
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		☐ Yes	□ No	☐ Yes	□No							
		☐ Yes	□ No	☐ Yes	□ No							
		☐ Yes	□ No	☐ Yes	□ No							
						Total	Fede	ral HAPs =				
² The list of federal HAI												

² The list of federal HAPs can be found at https://www.epa.gov/haps/initial-list-hazardous-air-pollutants-modifications. 1-bromopropane was added to the list of federal hazardous air pollutants in section 112(b) of the Clean Air Act, effective February 4, 2022. For more information, see https://www.epa.gov/haps/initial-list-hazardous-air-pollutants-modifications. 1-bromopropane was added to the list of federal hazardous air pollutants in section 112(b) of the Clean Air Act, effective February 4, 2022. For more information, see https://www.epa.gov/haps/initial-list-hazardous-air-pollutants-modifications. 1-bromopropane was added to the list of federal hazardous air pollutants in section 112(b) of the Clean Air Act, effective February 4, 2022. For more information, see https://www.epa.gov/haps/initial-list-hazardous-air-pollutants-modifications.

 $^{^3}$ State hazardous air contaminants are listed in chapter NR 445, Wis. Adm. Code, $\underline{\text{http://docs.legis.wisconsin.gov/code/admin}} \ \ \underline{\text{code/nr/400/445}}.$

Submit permit applications by:

Option 1: Email an **ELECTRONIC COPY*** to **DNRAMAIRPERMIT**@wisconsin.gov.

* Applications must be signed by the responsible official for the source. If submitting an electronic application, the department will send an email with instructions for e-Signing or submitting an ink signature upon receipt of the electronic application. A photocopied or scanned signature does not meet the department's signature requirements. The department will not begin processing an application until the signature is received.

- OR -

Option 2: Mail the original copy of all materials with ink signature on form 4530-100 to:

Wisconsin Department of Natural Resources Air Management Program, AM/7 Attention: Permits PO Box 7921 Madison WI 53707-7921