

Permits by Rule General Facilities Workbook

TCEQ Document No. 20896 Version 2.0 - Workbook for single project

This workbook is a tool available to assist with projects being authorized under Permits by Rule (PBR) 30 TAC §§ 106.261 and/or 106.262.

Instructions:

This workbook is required for all PBR applications submitted under these rules. Please answer the questions and fill in emissions data in the yellow cells.

Please check our website to be sure you use the latest version of the workbook for all the features and accurate information. Also, please complete the workbook in the order of the sheets.

Questions? Contact the Air Permits Division at (512) 239-1250

For rule language of §§106.261 and 106.262, please visit the Texas Secretary of State (SOS) website:

[https://texreg.sos.state.tx.us/public/readtac\\$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=106&sch=K&rl=Y](https://texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=106&sch=K&rl=Y)

How to Submit:

After this workbook has been completed, it should be combined with the non-confidential information of the application and submitted as an attachment through the STEERS ePermits system:

<https://www3.tceq.texas.gov/steers/>

Any confidential information should be submitted as an attachment separate from the non-confidential attachment in the STEERS ePermits system. THSC §382.041 requires us not to disclose any information related to manufacturing processes that is marked Confidential. Mark any information related to secret or proprietary processes or methods of manufacture Confidential if you do not want this information in the public file. All confidential information should be separated from the application and submitted as a separate file. Additional information regarding confidential information can be found at:

<https://www.tceq.texas.gov/permitting/air/confidential.html>

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[Click here to go to the General Information sheet.](#)

General Information			
This sheet provides general rule information for both General Facility PBRs.			
I. Project Information			
Company	MP Magnetics LLC		
Site Description	Greenfield Magnets Manufacturing Facility in Fort Worth, TX.		
Project Name Description	PBR Registration		
I acknowledge that I am submitting an authorized TCEQ workbook and any necessary attachments. Except for inputting the requested data and adjusting row height, I have not changed the TCEQ application workbook in any way, including but not limited to changing formulas,			
I agree	<input checked="" type="checkbox"/>		
Please indicate which rule, or both, are applicable to this project:			
Both	<input checked="" type="checkbox"/>		
Does this project authorize a new facility, modify a New Source Review (NSR) Case-by-Case existing permitted facility, or both?	New Facility		
Is this site only authorized under Permits by Rule?	Yes		
Is this located at an NSR major source?	No		
Is there an associated NSR permit?			
Please enter the associated NSR permit(s):			
II. General Rule Requirements for §106.261 and/or §106.262			
Has a §106.4 checklist or compliance demonstration been included in the documentation	Yes		
Is this registration for construction of a facility authorized in another section of this chapter or for which a standard permit is in effect?	No		
Is this registration for any change to any facility authorized under another section of this chapter or authorized under a standard permit?	No		
Are facilities or changes located at least 100 feet from any recreational area or residence or other structure not occupied or used solely by the owner or operator of the facilities or the owner of the property upon which the facilities are located?	Yes		
Are there any changes to or additions of any existing air pollution abatement equipment?	No		
Will there be any visible emissions, except uncombined water, emitted to the atmosphere from any point or fugitive source in amounts greater than 5.0% opacity in any six-minute period?	No		
In the row below, please include the following information for any pollution control equipment related to this registration: how the equipment operates, and the control efficiency achieved.			
A combination of cyclone and baghouse system and a multi-stage scrubber (dry and wet scrubbers) will be used to control particulate matter and hydrogen fluoride emissions. The equipment will be operated per manufacturer recommended procedures in order to achieve the guaranteed/design control efficiency.			
III. Associated Emission Increases			
Is this project related to physical or operational changes to facilities authorized under an NSR Case-by-Case permit?	No		
Any upstream and/or downstream actual emission increases that result from a project for which this PBR is claimed need to be authorized appropriately. Any associated upstream and/or downstream emissions authorized as part of the PBR claim will need to be included as part of the total new or increased emissions, unless: 1) these emissions stay below current authorized emission limits; 2) there is not a change to any underlying air authorizations for the applicable units associated with BACT, health and environmental impacts, or other representations (i.e. construction plans, operating procedures, throughputs, maximum emission rates, etc.); and 3) this claim is certified via PI-7 CERT or APD-CERT. Notwithstanding the exclusion of any upstream and/or downstream emissions under this PBR claim, the total of all emission increases, including upstream and/or downstream actual emission increases, are required to be part of the PBR registration to determine major new source review applicability under Title 30 TAC Chapter 116. The emission increases associated with the PBR claim and all upstream and/or downstream actual emission increases may not circumvent major new source review requirements under 30 TAC Chapter 116.			
Please explain how all actual emission increases are authorized appropriately.			
IV. Hours of Operation			
Does this project include only annual increases for permitted facilities?	No		
Project emission increases associated with a change to a facility that only result in an annual emissions increase can be authorized as part of the PBR claim if the following information is met: 1) the hourly emissions stay at or below current authorized emission limits; 2) there is not a change to any underlying air authorizations for the applicable units associated with BACT or health and environmental impacts; and 3) this claim is certified via PI-7 CERT. The annual emission increases associated with the PBR claim may not circumvent major new source review requirements under 30 TAC Chapter 116.			
Please explain how the project meets the above:			
V. Federal Applicability			
Complete separate federal permitting application materials to determine applicability of Nonattainment (NA) and Prevention of Significant Deterioration (PSD) applicability, including netting if applicable. Include this analysis in			
Please select the county that this project is located in.			
Tarrant	<input checked="" type="checkbox"/>		
To search for your county, enter a keyword and then click on the drop-down for your results.			
County attainment status as of September 23, 2019:	This county has a nonattainment designation for		
If applicable, is this facility located within the portion of the county that is in nonattainment?			
PSD Applicability Summary			
Is this a named source?	No		
Please select the source category:	Chemical process plants (other than ethanol by fermentation)		
Is netting required for the PSD Analysis for this project?	No		
If yes, the project increases listed below should be after netting has been performed. Attach the netting information to the application			
Pollutant	Project Increase	Threshold	PSD Review Required?
CO	1.39	250	No
NO _x	0.21	250	No
PM	1.74	250	No
PM ₁₀	0.87	250	No
PM _{2.5}	0.01	250	No
SO ₂	0.69	250	No
Ozone (as VOC)	0	250	No
Ozone (as NO _x)	0	250	No
Pb			
H ₂ S			
TRS			
Reduced sulfur compounds (including H ₂ S)			
H ₂ SO ₄			
Fluoride (excluding HF)	0.001	3	No
CO ₂ e			
Nonattainment Applicability Summary			
Is netting required for the nonattainment analysis for this project?	No		
If yes, the project increases listed below should be after netting has been performed. Attach the netting information to the application.			
Pollutant	Project Increase	Threshold	NA Review Required?
PM ₁₀			
SO ₂			
Ozone (as VOC)	0	50	No
Ozone (as NO _x)	0	50	No

[Click here to go to the §106.261 Checklist sheet.](#)

