

**Initial Permit
Permit by Rule Registration
City of Stephenville
Stephenville Police Department Incinerator**

CN 600627814

Contact:

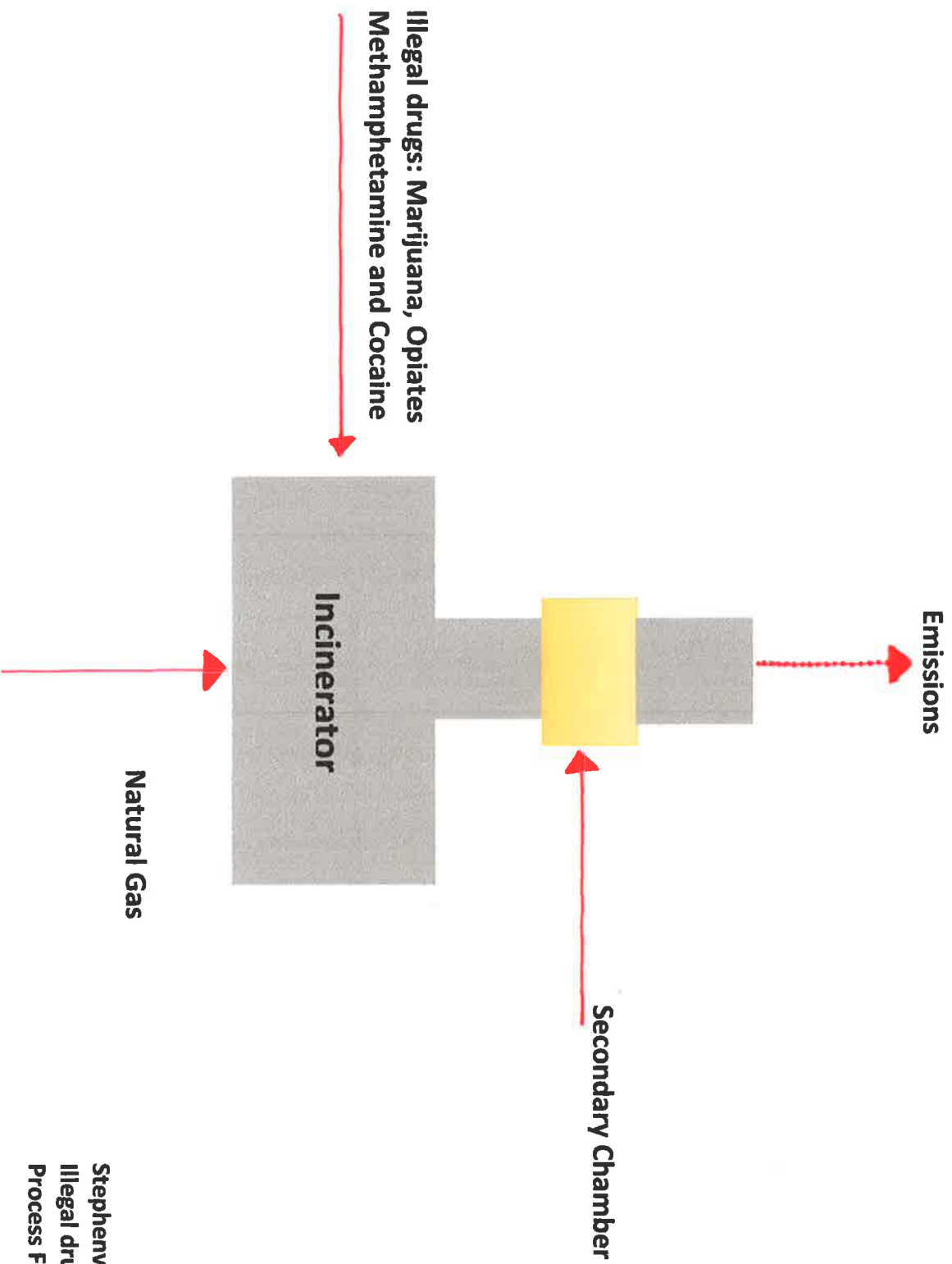
Chief Jason King
356 N. Belknap
Stephenville, Texas 76401
Office phone (254) 918-1265
jking@stephenvilletx.gov

Technical Contact:

Lt. James Gresham
356 N. Belknap
Stephenville, Texas 76401
Office phone (254) 918-1234
jgresham@stephenvilletx.gov

Introduction

The Stephenville Police Department will install and operate a new incinerator at the Stephenville Fire/Police training field. This incinerator will be used to burn only approved illegal drugs confiscated by the Police Department. The Stephenville Fire/Police training field is located in Stephenville, Texas. The incinerator is qualified under permit by rule according to Title 30 of the Texas Administrative Code, Chapter 106, Section 491 (30 TAC §106.491), which addresses dual chamber incinerators. This report contains the Texas Commission on Environmental Quality (TCEQ) Form PI-7 and supporting documentation to demonstrate compliance with the general requirements for permitting by rule in 30 TAC §106.4 and the permit by rule in 30 TAC §106.491.



Stephenville Police Department
Illegal drug incinerator
Process Flow Design



TCEQ Core Data Form

TCEQ Use Only

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
☒ New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
☐ Renewal (Core Data Form should be submitted with the renewal form)	☐ Other	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 600627814		RN

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)	
☐ New Customer		☐ Update to Customer Information	
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)		☐ Change in Regulated Entity Ownership	
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).			
6. Customer Legal Name (If an individual, print last name first: e.g.: Doe, John)		If new Customer, enter previous Customer below:	
City of Stephenville			
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
		756000677	
11. Type of Customer:		Partnership: ☐ General ☐ Limited	
☐ Corporation		☐ Individual	
Government: ☒ City ☐ County ☐ Federal ☐ State ☐ Other		☐ Sole Proprietorship	
☐ Other:			
12. Number of Employees		13. Independently Owned and Operated?	
☐ 0-20 ☐ 21-100 ☒ 101-250 ☐ 251-500 ☐ 501 and higher		☐ Yes ☒ No	
14. Customer Role (Proposed or Actual) - as it relates to the Regulated Entity listed on this form. Please check one of the following:			
☒ Owner ☐ Operator ☐ Owner & Operator			
☐ Occupational Licensee ☐ Responsible Party ☐ Voluntary Cleanup Applicant ☐ Other:			
15. Mailing Address:			
356 N Belknap			
City: Stephenville State: Tx ZIP: 76401 ZIP + 4:			
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
		jking@stephenvilletx.gov	
18. Telephone Number		19. Extension or Code	
(254) 918 - 1265			
		20. Fax Number (if applicable)	
		(254) 918 - 1299	

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)	
☒ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information	
The Regulated Entity Name submitted may be updated in order to meet TCEQ Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC).	
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)	
Stephenville Fire Training Field training field / PD incinerator	

23. Street Address of the Regulated Entity: (No PO Boxes)	1005 Airport Road						
	City	Stephenville	State	Tx	ZIP	76401	ZIP + 4
24. County	Erath						

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:							
26. Nearest City					State		Nearest ZIP Code
Stephenville					Tx		76401
27. Latitude (N) In Decimal:		32.216724		28. Longitude (W) In Decimal:		-98.184186	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
N 32°	13'	0.2064"	W 98°	11'	3.0696"		
29. Primary SIC Code (4 digits)		30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)	
9221				922120			
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)							
Police and Fire training/testing							
34. Mailing Address:		356 N Belknap					
		City	Stephenville	State	TX	ZIP	76401
35. E-Mail Address:		jking@stephenvilletx.gov					
36. Telephone Number		37. Extension or Code		38. Fax Number (if applicable)			
(254) 918 - 1200				(254) 918 - 1299			

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☐ Waste Water	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

SECTION IV: Preparer Information

40. Name: Jeanine Parmentier		41. Title: Crime Scene Technician	
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(254) 918 - 1204		(254) 918 - 1299	jparmentier@stephenvilletx.gov

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	Stephenville, City of	Job Title:	Lieutenant
Name(In Print):	Jane, Gresham	Phone:	(254) 918 - 1294
Signature:		Date:	

Texas Commission on Environmental Quality
Registration for Permits by Rule (PBR)
Form PI-7
(Page 1)

I. Registrant Information		
A. Company or Other Legal Customer Name:		
City of Stephenville		
B. Company Official Contact Information (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Other:)		
Name: Jason King		
Title: Police Chief		
Mailing Address: 356 N. Belknap		
City: Stephenville	State: Texas	ZIP Code: 76401
Phone: (254) 918-1265	Fax: (254) 918-1299	
E-mail Address: jking@stephenvilletx.gov		
<i>All PBR registration responses will be sent via e-mail unless a hard copy is specifically requested. The company official must initial here if hard copy is requested.</i>		
C. Technical Contact Information (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Other:)		
Name: James Gresham		
Title: Lieutenant		
Company Name: Stephenville Police Department		
Mailing Address: 356 N Belknap		
City: Stephenville	State: Texas	ZIP Code: 76401
Phone: (254) 918-1234	Fax: (254) 918-1299	
E-mail: jgresham@stephenvilletx.gov		
II. Facility and Site Information		
A. Name and Type of Facility		
Facility Name: Fire/Police Training Field		
Type of Facility:	☒ Permanent ☐ Temporary	
For portable units, please provide the serial number of the equipment being authorized below.		
Serial No:	Serial No:	

**Texas Commission on Environmental Quality
Registration for Permits by Rule (PBR)
Form PI-7
(Page 2)**

II. Facility and Site Information (continued)		
B. Facility Location Information		
Street Address: 1005 Airport Road		
If there is no street address, provide written driving directions to the site and provide the closest city or town, county, and ZIP code for the site (attach description if additional space is needed).		
City: Stephenville	County: Erath	ZIP Code: 76401
C. TCEQ Core Data Form		
Is the Core Data Form (TCEQ Form Number 10400) attached?		☒ YES ☐ NO
If "NO," provide customer reference number (CN) and regulated entity number (RN) below.		
Customer Reference Number (CN):		
Regulated Entity Number (RN):		
D. TCEQ Account Identification Number (if known):		
E. PBR number(s) claimed under 30 TAC Chapter 106		
(List all the individual rule number(s) that are being claimed.)		
106.491	106.	
106.	106.	
106.	106.	
F. Historical Standard Exemption or PBR		
Are you claiming a historical standard exemption or PBR?		☐ YES ☒ NO
If "YES," enter rule number(s) and associated effective date in the spaces provided below.		
Rule Number(s)	Effective Date	

Texas Commission on Environmental Quality
Registration for Permits by Rule (PBR)
Form PI-7
(Page 3)

II. Facility and Site Information (continued)	
G. Previous Standard Exemption or PBR Registration Number	
Is this authorization for a change to an existing facility previously authorized under a standard exemption or PBR?	☐ YES ☒ NO
If "YES," enter previous standard exemption number(s) and PBR registration number(s), and associated effective date in the spaces provided below.	
Standard Exemption and PBR Registration Number(s)	Effective Date
H. Other Facilities at this Site Authorized by Standard Exemption, PBR, or Standard Permit	
Are there any other facilities at this site that are authorized by an Air Standard Exemption, PBR, or Standard Permit?	☐ YES ☒ NO
If "YES," enter standard exemption number(s), PBR registration number(s), and Standard Permit registration number(s), and associated effective date in the spaces provided below.	
Standard Exemption, PBR Registration, and Standard Permit Registration Number(s)	Effective Date
I. Other Air Preconstruction Permits	
Are there any other air preconstruction permits at this site?	☐ YES ☒ NO
If "YES," enter permit number(s) in the spaces provided below.	
J. Affected Air Preconstruction Permits	
Does the PBR being claimed directly affect any permitted facility?	☐ YES ☒ NO
If "YES," enter the permit number(s) in the spaces provided below.	

Texas Commission on Environmental Quality
Registration for Permits by Rule (PBR)
Form PI-7
(Page 4)

II. Facility and Site Information (continued)

K. Federal Operating Permit (FOP) Requirements (30 TAC Chapter 122 Applicability)

Is this facility located at a site that is required to obtain an FOP pursuant to 30 TAC Chapter 122? ☐ YES ☒ NO ☐ To Be Determined

If the site currently has an existing FOP, enter the permit number: _____

1. Check the requirements of 30 TAC Chapter 122 that will be triggered if this claim is accepted (*check all that apply*).

☐ Initial Application for an FOP ☐ Significant Revision for an SOP ☐ Minor Revision for an SOP
☐ Operational Flexibility/Off Permit Notification for an SOP ☐ Revision for a GOP
☐ To be Determined ☐ None

2. Identify the type(s) of FOP issued and/or FOP application(s) submitted/pending for the site. (*check all that apply*)

☐ SOP ☐ GOP ☐ GOP application/revision (submitted or under APD review)
☐ N/A ☐ SOP application/revision (submitted or under APD review)

III. Fee Information (*see Section VII. for address to send fee or go to www.tceq.texas.gov/epay to pay online*)

A. Fee Requirements

Is a fee required per 30 TAC § 106.50? ☒ YES ☐ NO

If "NO," specify the exception (*check all that apply*)

1. Registration is solely to establish a federally enforceable emission limit. ☐ YES ☐ NO
2. Registration is within six months of an initial PBR review, and is addressing deficiencies, administrative changes, or other allowed changes. ☐ YES ☐ NO
3. Registration is for a remediation project (30 TAC § 106.533). ☐ YES ☐ NO

B. Fee Amount

1. A \$100 fee is required if *any* of the answers in III.B.1 are "YES."

This business has less than 100 employees. ☐ YES ☐ NO

This business has less than 6 million dollars in annual gross receipts. ☐ YES ☐ NO

This registration is submitted by a governmental entity with a population of less than 10,000. ☐ YES ☐ NO

This registration is submitted by a non-profit organization. ☐ YES ☐ NO

2. A \$450 fee is required for all other registrations.

**Texas Commission on Environmental Quality
Registration for Permits by Rule (PBR)
Form PI-7
(Page 5)**

III. Fee Information (see Section VII. for address to send fee or go to www.tceq.texas.gov/epay to pay online) **(continued)**

C. Payment Information

Check/money order/transaction or voucher number:

Individual or company name on check:

Fee Amount: \$

Was fee paid online? ☐ YES ☐ NO

IV. Selected Facility Reviews and Voluntary Registrations Only

Note: If registering any of the PBRs listed in IV.B., or if voluntarily registering any other PBR(s), complete this section, then skip to Section VI. below:

A. List any PBRs that are being voluntarily registered.

106. 491	106.	106.
106.	106.	106.

B. PBR Checklists

If you are registering any of the following PBRs, did you attach the applicable PBR checklists that shows your facility meets all general and specific requirements?	☒ YES ☐ NO
--	---

- *Animal Feeding Operations § 106.161, Livestock Auction Facilities § 106.162, Saw Mills § 106.223, Grain Handling, Storage and Drying § 106.283, Auto Body Refinishing Facilities § 106.436, or Air Curtain Incinerator § 106.496*

(If "NO" then you **must** provide **all** technical information outlined in Section V.)

C. Distances to Property Line and Nearest Off-Property Structure

Distance from this facility's emission release point to the nearest property line:	feet
--	------

Distance from this facility's emission release point to the nearest off-property structure:	feet
---	------

**Texas Commission on Environmental Quality
Registration for Permits by Rule (PBR)
Form PI-7
(Page 6)**

V. Technical Information Including State and Federal Regulatory Requirements

Place a check next to the appropriate box to indicate what is included in your submittal.

NOTE: Any technical or essential information needed to confirm that facilities are meeting the requirements of the PBR must be provided. Not providing key information could result in an automatic deficiency and voiding of the project.

A. PBR requirements (Checklists are optional; however, your review will go faster if you provide applicable checklists.)

Did you demonstrate that the general requirements in 30 TAC § 106.4 are met? ☒ YES ☐ NO

Did you demonstrate that the individual requirements of the specific PBR are met? ☒ YES ☐ NO

B. Confidential Information (All pages properly marked "CONFIDENTIAL") ☐ YES ☒ NO

C. Process Flow Diagram ☒ YES ☒ NO

D. Process Description ☒ YES ☒ NO

E. Maximum Emissions Data and Calculations ☒ YES ☐ NO

Note: If the facilities listed in this registration are subject to the Mass Emissions Cap & Trade program under **30 TAC Chapter 101, Subchapter H, Division 3**, the owner/operator of these facilities must possess NO_x allowances equivalent to the actual NO_x emissions from these facilities.

F. Distance from Property Line and Nearest Off-Property Structure

Distance from this facility's emission release point to the nearest property line: _____ feet

Distance from this facility's emission release point to the nearest off-property structure: _____ feet

G. Project Status

Has the company implemented the project or waiting on a response from TCEQ? ☐ Implemented ☒ Waiting

H. Projected Start of Construction and Projected Start of Operation Dates:

Projected Start of Construction (provide date): 1/2017

Project Start of Operation (provide date): 2/2017

VI. Delinquent Fees and Penalties

This form **will not be processed** until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ is paid in accordance with the Delinquent Fee and Penalty Protocol. For more information regarding Delinquent Fees and Penalties, go to the TCEQ Web site at www.tceq.texas.gov/agency/delin/index.html.

**Texas Commission on Environmental Quality
Registration for Permits by Rule (PBR)
Form PI-7
(Page 7)**

VII. Copies of the Registration

Processing delays may occur if copies are not sent as noted. Copies must be sent as listed below:

<i>Who</i>	<i>Where</i>	<i>What</i>
Air Permits Initial Review Team (APIRT)	Regular, Certified, Priority Mail MC 161, P.O. Box 13087 Austin, Texas 78711-3087 Hand Delivery, Overnight Mail MC 161, 12100 Park 35 Circle, Building C, Third Floor Austin, Texas 78753	Originals of Form PI-7, Core Data Form, and all attachments. Not required if using ePermits ¹
Revenue Section, TCEQ	Regular, Certified, Priority Mail MC 214, P.O. Box 13088 Austin, Texas 78711-3088 Hand Delivery, Overnight Mail MC 214, 12100 Park 35 Circle, Building A, Third Floor Austin, Texas 78753	Original Money Order or Check, Copy of Form PI-7, and Core Data Form. Not required if fee was paid using ePay ² .
Appropriate TCEQ Regional Office	To find your Regional Office address, go to the TCEQ Web site at www.tceq.texas.gov/publications/gi/gi-002.html or call (512) 239-1250.	Copy of Form PI-7, Core Data Form, and all attachments. Not required if using ePermits ¹ .
Appropriate Local Air Pollution Control Program(s)	To Find your local or Regional Air Pollution Control Programs go to the TCEQ, APD Website at www.tceq.texas.gov/permitting/air/local_programs.html or call (512) 239-1250	Copy of Form PI-7, Core Data Form, and all attachments

¹ ePermits located at www3.tceq.texas.gov/steers/

² ePay located at www.tceq.texas.gov/epay/

Texas Commission on Environmental Quality
Permit by Rule Applicability Checklist
Title 30 Texas Administrative Code § 106.4

The following checklist was developed by the Texas Commission on Environmental Quality (TCEQ), **Air Permits Division**, to assist applicants in determining whether or not a facility meets all of the applicable requirements. Before claiming a specific Permit by Rule (PBR), a facility must first meet all of the requirements of **Title 30 Texas Administrative Code § 106.4** (30 TAC § 106.4), "Requirements for Permitting by Rule." Only then can the applicant proceed with addressing requirements of the specific Permit by Rule being claimed.

The use of this checklist is not mandatory; however, it is the responsibility of each applicant to show how a facility being claimed under a PBR meets the general requirements of 30 TAC § 106.4 and also the specific requirements of the PBR being claimed. If all PBR requirements cannot be met, a facility will not be allowed to operate under the PBR and an application for a construction permit may be required under 30 TAC § 116.110(a).

Registration of a facility under a PBR can be performed by completing **Form PI-7** (Registration for Permits by Rule) or **Form PI-7-CERT** (Certification and Registration for Permits by Rule). The appropriate checklist should accompany the registration form. Check the most appropriate answer and include any additional information in the spaces provided. If additional space is needed, please include an extra page and reference the question number. The PBR forms, tables, checklists, and guidance documents are available from the TCEQ, Air Permits Division Web site at: www.tceq.texas.gov/permitting/air/nav/air_pbr.html.

1. 30 TAC § 106.4(a)(1) and (4): Emission limits	
List emissions in tpy for each facility (add additional pages or table if needed):	
• Are the SO ₂ , PM ₁₀ , VOC, or other air contaminant emissions claimed for each facility in this PBR submittal less than 25 tpy?	☒ YES ☐ NO
• Are the NO _x and CO emissions claimed for each facility in this PBR submittal less than 250 tpy?	☒ YES ☐ NO
<i>If the answer to both is "Yes," continue to the question below. If the answer to either question is "No," a PBR cannot be claimed.</i>	
Has any facility at the property had public notice and opportunity for comment under 30 TAC Section 116 for a regular permit or permit renewal? (This does not include public notice for voluntary emission reduction permits, grandfathered existing facility permits, or federal operating permits.)	☐ YES ☒ NO
<i>If "Yes," skip to Section 2. If "No," continue to the questions below.</i>	
If the site has had no public notice, please answer the following:	
• Are the SO ₂ , PM ₁₀ , VOC, or other emissions claimed for all facilities in this PBR submittal less than 25 tpy?	☒ YES ☐ NO
• Are the NO _x and CO emissions claimed for all facilities in this PBR submittal less than 250 tpy?	☒ YES ☐ NO
<i>If the answer to both questions is "Yes," continue to Section 2.</i>	
<i>If the answer to either question is "No," a PBR cannot be claimed. A permit will be required under Chapter 116.</i>	

Permit by Rule Applicability Checklist
Title 30 Texas Administrative Code § 106

2. 30 TAC § 106.4(a)(2): Nonattainment check	
• Are the facilities to be claimed under this PBR located in a designated ozone nonattainment county?	☐ YES ☒ NO
<i>If "Yes," please indicate which county by checking the appropriate box to the right.</i>	
(Marginal) - Hardin, Jefferson, and Orange counties:	☐ BPA
(Moderate) - Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller counties:	☐ HGA
(Moderate) - Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise counties:	☐ DFW
<i>If "Yes," to any of the above, continue to the next question. If "No," continue to Section 3.</i>	
• Does this project trigger a nonattainment review?	☐ YES ☐ NO
Does this project trigger a nonattainment review?	
• Is the project's potential to emit (PTE) for emissions of VOC or NO _x increasing by 100 tpy or more? <i>PTE is the maximum capacity of a stationary source to emit any air pollutant under its worst-case physical and operational design unless limited by a permit, rules, or made federally enforceable by a certification.</i>	☐ YES ☐ NO
• Is the site an existing major nonattainment site and are the emissions of VOC or NO _x increasing by 40 tpy or more?	☐ YES ☐ NO
<i>If needed, attach contemporaneous netting calculations per nonattainment guidance.</i>	
Additional information can be found at: www.tceq.texas.gov/permitting/air/forms/newsourcecercview/tables/nsr_table8.html and www.tceq.texas.gov/permitting/air/nav/air_docs_newsource.html	
<i>If "Yes," to any of the above, the project is a major source or a major modification and a PBR may not be used. A Nonattainment Permit review must be completed to authorize this project. If "No," continue to Section 3.</i>	
3. 30 TAC § 106.4(a)(3): Prevention of Significant Deterioration (PSD) check	
Does this project trigger a review under PSD rules?	
To determine the answer, review the information below:	
• Are emissions of any regulated criteria pollutant increasing by 100 tpy of any criteria pollutant at a named source?	☐ YES ☒ NO
• Are emissions of any criteria pollutant increasing by 250 tpy of any criteria pollutant at an unnamed source?	☐ YES ☒ NO
• Are emissions increasing above significance levels at an existing major site?	☐ YES ☒ NO
PSD information can be found at: www.tceq.texas.gov/assets/public/permitting/air/Forms/NewSourceReview/Tables/10173tbl.pdf and www.tceq.texas.gov/permitting/air/nav/air_docs_newsource.html	
<i>If "Yes," to any of the above, a PBR may not be used. A PSD Permit review must be completed to authorize the project.</i>	
<i>If "No," continue to Section 4.</i>	

Permit by Rule Applicability Checklist
Title 30 Texas Administrative Code § 106

4. 30 TAC § 106.4(a)(6): Federal Requirements	
Will all facilities under this PBR meet applicable requirements of Title 40 Code of Federal Regulations (40 CFR) Part 60, New Source Performance Standards (NSPS)?	☐ YES ☐ NO ☒ NA
<i>If "Yes," which Subparts are applicable?</i>	
Will all facilities under this PBR meet applicable requirements of 40 CFR Part 63, Hazardous Air Pollutants Maximum Achievable Control Technology (MACT) standards?	☐ YES ☐ NO ☒ NA
<i>If "Yes," which Subparts are applicable?</i>	
Will all facilities under this PBR meet applicable requirements of 40 CFR Part 61, National Emissions Standards for Hazardous Air Pollutants (NESHAPs)?	☐ YES ☐ NO ☒ NA
<i>If "Yes," which Subparts are applicable?</i>	
<i>If "Yes" to any of the above, please attach a discussion of how the facilities will meet any applicable standards.</i>	
5. 30 TAC § 106.4(a)(7): PBR prohibition check	
Are there any air permits at the site containing conditions which prohibit or restrict the use of PBRs?	☐ YES ☒ NO
<i>If "Yes," PBRs may not be used or their use must meet the restrictions of the permit. A new permit or permit amendment may be required.</i>	
<i>List permit number(s):</i>	
6. 30 TAC § 106.4(a)(8): NO_x Cap and Trade	
Is the facility located in Harris, Brazoria, Chambers, Fort Bend, Galveston, Liberty, Montgomery, or Waller County?	☐ YES ☒ NO
<i>If "Yes," answer the question below. If "No," continue to Section 7.</i>	
Will the proposed facility or group of facilities obtain required allowances for NO_x if they are subject to 30 TAC Chapter 101, Subchapter H, Division 3 (relating to the Mass Emissions Cap and Trade Program)?	☐ YES ☒ NO

Permit by Rule Applicability Checklist
Title 30 Texas Administrative Code § 106

7. Highly Reactive Volatile Organic Compounds (HRVOC) check		
• Is the facility located in Harris County?	☐ YES ☒ NO	
<i>If "Yes," answer the next question. If "No," skip to the box below.</i>		
• Will the project be constructed after June 1, 2006?	☒ YES ☐ NO	
<i>If "Yes," answer the next question. If "No," skip to the box below.</i>		
• Will one or more of the following HRVOC be emitted as a part of this project?	☐ YES ☒ NO	
<i>If "Yes," complete the information below:</i>		
▶ 1,3-butadiene ▶ all isomers of butene (e.g., isobutene [2-methylpropene or isobutylene]) ▶ alpha-butylene (ethylethylene) ▶ beta-butylene (dimethylethylene, including both cis- and trans-isomers) ▶ ethylene ▶ propylene	lb/hr	tpy
• Is the facility located in Brazoria, Chambers, Fort Bend, Galveston, Liberty, Montgomery, or Waller County?	☐ YES ☒ NO	
<i>If "Yes," answer the next question. If "No," the checklist is complete.</i>		
• Will the project be constructed after June 1, 2006?	☐ YES ☐ NO	
<i>If "Yes," answer the next question. If "No," the checklist is complete.</i>		
• Will one or more of the following HRVOC be emitted as a part of this project?	☐ YES ☐ NO	
<i>If "Yes," complete the information below:</i>		
▶ ethylene ▶ propylene	lb/hr	tpy

Save Form

Reset Form

Texas Commission on Environmental Quality
Dual Chamber Incinerators
Air Permits by Rule (PBR) Checklist
Title 30 Texas Administrative Code § 106.491

Check the most appropriate answer and include any additional information in the spaces provided. If additional space is needed, please include an extra page and reference the rule number. The permit by rule (PBR) forms, tables, checklists, and guidance documents are available from the Texas Commission on Environmental Quality (TCEQ), Air Permits Division Web site at:

www.tceq.texas.gov/permitting/air/nav/air_pbr.html.

This PBR (§ 106.491) requires registration with the commission's Office of Air in Austin before construction begins. The facility can be registered by completing [Form PI-7](#), "Registration for Permits by Rule," or

[Form PI-7-CERT](#), "Registration and Certification for Permits by Rule." This checklist should accompany the registration form.

For additional assistance with your application, including resources to help calculate your emissions, please visit the Small Business and Local Government Assistance (SBLGA) webpage at the following link:

www.TexasEnviroHelp.org.

Questions/Descriptions and Response	
Rule	Applicability
(a)	Is the incinerator a dual-chamber design? ☒ YES ☐ NO
(a)	Will this incinerator be used to burn only waste generated on site, or illegal drugs confiscated by federal, state, or local law enforcement agencies? ☒ YES ☐ NO
<i>Note: Incinerators used in the processing or recovery of materials or to dispose of pathological waste as defined in § 106.494 (relating to Pathological Waste Incinerators), hospital waste, infectious waste, hazardous waste, or radioactive waste are not authorized by this section).</i>	
Rule	Design Requirements
(b)(1)	Is the incinerator equipped with an afterburner automatically controlled to operate with a minimum temperature of 1,400 degrees Fahrenheit? ☒ YES ☐ NO
Indicate the temperature: <u>1800-2000</u> °F	
(b)(1)	Is the incinerator equipped with a continuous exhaust temperature monitor? ☒ YES ☐ NO
(b)(1)	Is the incinerator designed and operated with a minimum gas retention time of 0.5 seconds? ☒ YES ☐ NO
Indicate the gas retention time: <u>0.5</u> seconds	
What is the manufacturer's rated capacity (burn rate) of the incinerator? <u>100</u> lb/hr	
What is the make of the incinerator? <u>National Incinerator</u>	
What is the model of the incinerator? <u>Destructor Junior S/C</u>	

Texas Commission on Environmental Quality
Dual Chamber Incinerators
Air Permits by Rule (PBR) Checklist
Title 30 Texas Administrative Code § 106.491

Questions/Descriptions and Response	
Rule	Design Requirements (continued)
(b)(2)	What types and amounts of waste will be burned? <i>Attach additional sheets if necessary.</i>
Type:	Amount:
Marijuana	10/lb
Methamphetamine	3/4lb
Cocaine	1/2 lb
(b)(3)(A)	What is the height of the incinerator stack? <u>15'</u> feet
(b)(3)(B)	Is there a building within 150 feet of the incinerator? ☐ YES ☒ NO
If there is a building, indicate height: _____ feet	
Note: <i>The incinerator stack must be at least six feet taller than the highest structure within 150 feet.</i>	
(b)(3)(C)	What is the distance from the incinerator to the nearest property line? <u>203</u> feet
(b)(3)(D)	Does the stack have unobstructed vertical discharge when the incinerator is operated? ☒ YES ☐ NO
Note: <i>Properly installed and maintained spark arrestors are not considered obstructions.</i>	
Rule	Operational Limits
(c)(1)	Which one of the following categories of waste materials will be the only type of waste burned in the incinerator? ☐ paper, wood, cardboard cartons, rags, combustible floor sweepings, and garbage (solid waste consisting of putrescible animal and vegetable waste materials resulting from the handling, preparation, cooking, and consumption of food, including waste materials from markets, storage facilities, and handling and sale of produce and other food products) Answer all questions for § 106.491(c)(1)(A); skip questions regarding § 106.491(c)(1)(B) only. ☒ drugs confiscated by law enforcement, limited to marijuana, cocaine, opiates, and methamphetamines Answer all questions for § 106.491(c)(1)(B); skip questions regarding § 106.491(c)(1)(A) only.
Note: <i>§ 106.491 requires that a single incinerator may only burn one of the categories of waste described above. If the incinerator will burn both categories of wastes at the same time, or if it will burn both categories of waste alternately at different times, the incinerator is not in compliance with the requirement of the rule.</i>	

Texas Commission on Environmental Quality
Dual Chamber Incinerators
Air Permits by Rule (PBR) Checklist
Title 30 Texas Administrative Code § 106.491

Questions/Descriptions and Response	
Rule	Operational Limits (continued)
(c)(1)(A)	Will plastics containing polyvinyl chloride or polyvinyl fluoride be burned? ☐ YES ☐ NO
(c)(1)(A)	Will waste materials contain more than 10% treated papers, plastic, or rubber scraps? ☐ YES ☐ NO
(c)(1)(A)	Will the garbage content exceed 50%? ☐ YES ☐ NO
(c)(1)(A)	Will the moisture content exceed 50%? ☐ YES ☐ NO
(c)(1)(A)	Will noncombustible solids exceed 10% of the total weight? ☐ YES ☐ NO
(c)(1)(B)	Will drugs to be incinerated be limited to only marijuana, cocaine, opiates, and methamphetamines? ☒ YES ☐ NO
(c)(1)(B)	Indicate drug(s) to be burned: ☒ Marijuana ☒ Cocaine ☒ Opiates ☒ Methamphetamines
(c)(2)(A)	Will the burn rate for cocaine, opiates, and methamphetamines be limited to no more than four pounds per hour (lb/hr) and ten pounds in any eight-hour period? ☒ YES ☐ NO
(c)(2)(A)	Indicate the burn rate:
Cocaine: <u>1/2</u> lb/hr Opiates: <u>1/2</u> lb/hr Methamphetamines: <u>3/4</u> lb/hr	
(c)(2)(B)	Will the burn rate for marijuana be limited to no more than 500 lb/hr and will emissions of total inhalable particulate matter (PM ₁₀) not exceed 1.0 lb/hr? ☒ YES ☐ NO
(c)(2)(B)	Indicate the burn rate: Marijuana: <u>10</u> lb/hr
(c)(2)(B)	Will the emissions of total inhalable particulate matter (PM ₁₀) from the burning of marijuana exceed 1.0 lb/hr? ☐ YES ☒ NO

Texas Commission on Environmental Quality
Dual Chamber Incinerators
Air Permits by Rule (PBR) Checklist
Title 30 Texas Administrative Code § 106.491

Questions/Descriptions and Response	
Rule	Operational Limits (continued)
(c)(2)(B)	Indicate the PM ₁₀ emission rate: PM ₁₀ : <u>1.350 Mex</u> lb/hr
(c)(3)	What type of fuel is used to operate the incinerator? Check all that apply: ☒ Sweet Natural Gas ☐ Liquid Petroleum Gas ☐ Number 2 fuel oil with less than 0.5% sulfur by weight ☐ Electric Power
(c)(4)	Will the manufacturer's recommended operating instructions be posted on the incinerator and the incinerator operated in accordance with the instructions and maintained in good working order? ☒ YES ☐ NO
(c)(5)	Will the opacity of the visible emissions exceed 5.0% averaged over any six-minute period as determined by the United States Environmental Protection Agency Test Method 9 ? ☐ YES ☒ NO
Rule	Compliance and Administrative Requirements
(d)(1)	Did you provide Form PI-7 or Form PI-7-CERT as part of this registration request? ☒ YES ☐ NO ☒ Form PI-7 ☐ Form PI-7-CERT
(d)(3)(A)	If the facility processes confiscated drugs, will sampling be provided within 180 days of the start of operation? ☒ YES ☐ NO Note: <i>Similar facility sampling may be used if documentation is provided, including the model number, burn rate, materials burned, and all relevant operating conditions, that demonstrates the previously sampled incinerator is equivalent to the facility being registered.</i>
Why or Why Not: To be in compliance	
(d)(3)(B)	Have you provided a description addressing the applicability of 40 CFR Part 60, NSPS Subpart CCCC ? ☐ YES ☒ NO Note: <i>If the federal regulation applies, commercial and industrial solid waste incinerators must demonstrate compliance with the requirements including initial stack sampling, opacity readings, reporting, and record keeping.</i>
Why or Why Not: Does not apply	

**Texas Commission on Environmental Quality
Dual Chamber Incinerators
Air Permits by Rule (PBR) Checklist
Title 30 Texas Administrative Code § 106.491**

Questions/Descriptions and Response	
Rule	Compliance and Administrative Requirements (continued)
(d)(3)(C)	Upon request of the commission or any local air pollution control program having jurisdiction over the site, will compliance with § 111.121 (relating to Single, Dual, and Multiple-Chamber Incinerators) and § 111.125 (relating to Testing Requirements) be demonstrated? ☒ YES ☐ NO
Why or Why Not: To be in compliance	
(d)(4)	Will the incinerator owner or operator install, calibrate, maintain, and operate a monitoring device that continuously measures and records the temperature of the exhaust gas of the incinerator, in addition to any monitoring required by an appropriate New Source Performance Standard (NSPS) subpart? ☒ YES ☐ NO
Why or Why Not: To be in compliance	
(d)(5)	Will records be kept of the type and amount of waste charged/ burned? ☒ YES ☐ NO
Why or Why Not: To be in compliance	
(d)(5)	Will records be kept of the type and amount of fuel usage, including the sulfur content of the fuel if fuel oil is used? ☒ YES ☐ NO
Why or Why Not: To be in compliance	
(d)(5)	Will records be kept of the monitoring and testing results? ☒ YES ☐ NO
Why or Why Not: To be in compliance	
(d)(5)	Will records be kept of the hours of operation? ☒ YES ☐ NO
Why or Why Not: To be in compliance	
(d)(5)	Will records be kept of routine maintenance of abatement systems sufficient to demonstrate each of the rule requirements? ☒ YES ☐ NO
Why or Why Not: To be in compliance	

**Texas Commission on Environmental Quality
Dual Chamber Incinerators
Air Permits by Rule (PBR) Checklist
Title 30 Texas Administrative Code § 106.491**

Questions/Descriptions and Response	
Rule	Compliance and Administrative Requirements (continued)
(d)(5)	Will records be retained for a minimum rolling two-year period and comply with § 106.8 (relating to Recordkeeping)? ☒ YES ☐ NO
Why or Why Not: To be in compliance	
Other Applicable Rules and Regulations	
Is the facility subject to 30 TAC §§ 115.120-129? ☐ YES ☒ NO	
Why or Why Not: Does not apply	
Is the facility subject to 30 TAC §§ 117.210-223? ☐ YES ☒ NO	
Why or Why Not: Does not apply	
Is the facility subject to 40 CFR Part 60, NSPS Subpart E? ☐ YES ☒ NO	
Why or Why Not: Does not apply	
Is the facility subject to 40 CFR Part 60, NSPS Subpart CCCC? ☐ YES ☒ NO	
Why or Why Not: Does not apply	
Is the facility subject to 40 CFR Part 60, NSPS Subpart DDDD? ☐ YES ☒ NO	
Why or Why Not: Does not apply	
Is the facility subject to 40 CFR Part 63, MACT Subpart EEE ☐ YES ☒ NO	
Why or Why Not: Does not apply	

**Texas Commission on Environmental Quality
Dual Chamber Incinerators
Air Permits by Rule (PBR) Checklist
Title 30 Texas Administrative Code § 106.491**

Record Keeping: In order to demonstrate compliance with the general and specific requirements of this PBR, sufficient records must be maintained to demonstrate that all requirements are met at all times. Records must include the type and amount of waste charged/burned; type and amount of fuel usage, including sulfur content for fuel oil; monitoring and testing results; hours of operation; and routine maintenance of abatement systems sufficient to demonstrate all requirements are met. The registrant should also become familiar with the additional record keeping requirements in [30 TAC § 106.8](#). The records must be made available immediately upon request to the commission or any air pollution control program having jurisdiction. If you have any question about the type of records that should be maintained or testing requirements, contact the Air Program in the [TCEQ Regional Office](#) for the region in which the site is located

Recommended Calculation Methods: In order to demonstrate compliance with this PBR, the registrant may use the emission factors for each air contaminant from the EPA Compilation of Air Pollutant Emission Factors (AP-42), Fifth Edition, Volume I, Chapter 2: Solid Waste Disposal at: www.epa.gov/ttn/chief/ap42/index.html. The registrant may also use the calculation method for dual incinerators as described in the TCEQ guidance for Combustion Sources at web address: www.tceq.texas.gov/permitting/air/nav/air_combustsources.html.

PRINT FORM

RESET FORM