



**Oil and Gas Handling and Production Facilities
Title 30 Texas Administrative Code §106.352 Level 2 Application**

Note: This form should only be used in the event that the online ePermits system is not accessible or is otherwise unavailable for more than 24 hours.

Check the most appropriate answer and include any technical information in the spaces provided. If additional space is needed, please include an extra page that references this checklist. The forms, 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/permitbyrule/subchapter-o/oil_and_gas.html. If you have any questions, or need additional assistance, please contact the Air Permits Division at (512) 239-1250.

For new Oil and Gas sites (OGS) claiming level 2, this application must be submitted within 180 days after start of operation, or well test lasting longer than 72 hours (whichever occurs first). The facility can register by submitting this application and any supporting documentation. Below is a checklist to ensure you have provided all appropriate documentation. For new sites that have never been registered with the TCEQ a [Core Data Form](#) is required with this checklist.

I. This checklist is for use by the operator to ensure a complete application. Incomplete applications may increase your risk for being audited and could result in a delay in approval or a deficiency.	
<input type="checkbox"/>	Application Fee of \$75 for small businesses, as defined in §106.50 of this title, or \$400 for all others mailed separately to TCEQ’s Cashier’s Office or the ePAY payment voucher is attached.
<input type="checkbox"/>	Process description
<input type="checkbox"/>	Plot plan or area map
<input type="checkbox"/>	TCEQ Oil and Gas Emission Calculation Spreadsheet (or equivalent)
<input type="checkbox"/>	Detailed summary of maximum emissions estimates with supporting documentation (example. result reports from any emission estimation computer programs)
<input type="checkbox"/>	Gas and Liquid analyses If a site specific analysis is not submitted, please provide justification as to why a representative site was used.
<input type="checkbox"/>	Technical documents (manufacturer’s specification sheet, operational design sheets)
<input type="checkbox"/>	Impacts Evaluation (if applicable)
<input type="checkbox"/>	State or Federal applicability If exempt from any state or federal standards, please attach an explanation.
II. Customer and Site Information (For Existing Sites Only)	
Company Name:	
Customer Reference No.: CN	Regulated Entity No.: RN
Site Name:	
Registration No.:	Account No. (if available):



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III. Responsible Official Information		
Organization Name:		
Title:		
First Name:	Last Name:	
Address:		
City:	State:	ZIP Code:
Email:	Phone No.:	
IV. Technical Contact Information		
Organization Name:		
Title:		
First Name:	Last Name:	
Address:		
City:	State:	ZIP Code:
Email:	Phone No.:	
V. Fee Information		
<p>A. Does this business have less than 100 employees? <i>If "Yes," a seventy-five dollar (\$75) fee is required. Otherwise, a four hundred dollar (\$400) fee is required.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<p>B. Does this business have less than 1 million dollars in annual gross receipts? <i>If "Yes," a seventy-five (\$75) fee is required. Otherwise, a four hundred dollar (\$400) fee is required.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<p>C. Is this registration submitted by a governmental entity with a population of less than 10,000? <i>If "Yes," a seventy-five (\$75) fee is required. Otherwise, a four hundred dollar (\$400) fee is required.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<p>D. Was fee Paid online?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Enter the check, money order, or transaction number.		
Enter the individual or company name printed on the check.		
Fee amount (<i>spell out</i>)		



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VI. General Information and Questions/Descriptions	
<p>1. Is the site located in one of the following counties: Collin, Dallas, Denton, Tarrant, Ellis, Johnson, Parker, Kaufmann, Rockwall (DFW) Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, Waller (HGB)</p> <p><i>If "Yes," answer Question 2 If "No," answer Question 6</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>2. Is the project major or is this site major for nonattainment source levels?</p> <p><i>Additional information can be found at:</i> www.tceq.texas.gov/assets/public/implementation/air/ie/pseimaps/map8hour.pdf</p> <p><i>If "Yes," a PBR may not be used. The project is a major source or a major modification and a Nonattainment Permit review must be completed to authorize this project. If "No," answer Question 3</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>3. Is the project's potential to emit or certified emissions of VOC or NO_x increasing above the applicable nonattainment major modification level?</p> <p><i>If "Yes," a PBR may not be used. The project is a major source or a major modification and a Nonattainment Permit review must be completed to authorize this project. If "No," answer Question 4</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>4. Is the project's potential to emit or certified emissions of VOC or NO_x increasing above the nonattainment netting trigger?</p> <p><i>Additional information can be found at:</i> www.tceq.texas.gov/permitting/air/forms/newsourcereview/tables/nsr_table8.html and www.tceq.texas.gov/permitting/air/nav/air_docs_newsourcereview.html</p> <p><i>If "Yes," netting calculations are required to show the site meets the emissions rates for a PBR. If "No," go to Question 5</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>5. Is the proposed facility or group of facilities required to obtain 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) in the Houston/Galveston/Brazoria nonattainment area?</p> <p><i>If "Yes," the proposed facilities must obtain required allowances for NO_x If "No," go to Question 6.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No



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VI. General Information and Questions/Descriptions (continued)				
6.	<p>Are emissions of any criteria pollutant increasing by 250 tons per year (tpy) of any criteria pollutant at an unnamed source?</p> <p>PSD information can be found at: www.tceq.texas.gov/permitting/air/forms/newsourcereview/tables/nsr_table9.html</p> <p><i>If "Yes," a PBR may not be used. A PSD Permit review must be completed to authorize the project.</i></p> <p><i>If "No," go to Question 7.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<p>Are emissions increasing above significance levels at an existing major site?</p> <p><i>If "Yes," a PBR may not be used.</i></p> <p><i>A PSD Permit review must be completed to authorize the project.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No		
VII. Table				
<p>Fill out the table below based on representative worst-case operations and planned MSS activities (if registering) and attach the TCEQ Oil and Gas Emission Calculation Spreadsheet (or equivalent).</p>				
Air Contaminant	Steady-state Pounds Per Hour (lb/hr)	<30 psig Periodic lb/hr up to 150 hr/yr	≥30 psig Periodic lb/hr up to 150 hr/yr	Total Tons Per Year (tpy)
Total VOC*				
Total Crude Oil or Condensate VOC				
Total Natural Gas VOC				
Benzene				
Hydrogen Sulfide				
Sulfur Dioxide				
Nitrogen Oxides				
Carbon Monoxide				
PM₁₀				
PM_{2.5}				
<p>* VOC is defined in 101.1(115) and does not include methane and ethane.</p>				



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VIII. Level 2 Emission Limits Questions/Descriptions	
<p>1. What is the distance* in feet to the nearest receptor:</p> <p><i>*The distance should be measured from the nearest OGS facility emission release point to the nearest receptor.</i></p> <p>Note: If the distance is less than 50 feet, fugitive components used for isolation or safety purposes can be the only emission sources located one-half the width of any applicable easement.</p> <p><i>If receptor distance is less than 1/2 miles answer Question 2. If receptor distance is greater than 1/2 miles answer Question 4.</i></p>	
Distance to the nearest receptor in feet:	Ft.
<p>2. Are the total benzene emissions greater than 0.039 lb/hr?</p> <p><i>If "Yes," answer Question 3. If "No," answer Question 4.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>3. Are the project's maximum predicted concentrations of benzene at the nearest receptor equal to or less than 10% of the appropriate Effects Screening Level (ESL)?</p> <p>Benzene Short Term ESL - 170 $\mu\text{g}/\text{m}^3$ Benzene Long Term ESL - 4.5 $\mu\text{g}/\text{m}^3$</p> <p>Note: Over time ESL's may be updated. More information and the most current ESL list can be found here: www.tceq.texas.gov/assets/public/implementation/tox/esl/list/october2009.pdf</p> <p><i>If "Yes," answer Question 4. If "No," an impacts evaluation must be attached for benzene demonstrating that protectiveness limits have been met</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>4. What is the distance* in feet to the nearest property line:</p> <p><i>*The distance should be measured from the nearest OGS facility emission release point to the nearest property line.</i></p> <p>Note: If the distance is less than 50 feet, fugitive components used for isolation or safety purposes can be the only emission sources located one-half the width of any applicable easement.</p> <p><i>If the property line distance is less than 1/2 miles answer Questions 5, 6, and 7. If property line distance is greater than 1/2 miles go to the Best Management Section.</i></p>	
Distance to Property Line in feet:	Ft.



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VIII. Level 2 Emission Limits Questions/Descriptions (continued)	
<p>5. Are the total H₂S emissions greater than 0.025 lb/hr?</p> <p><i>If "Yes," answer Question 6.</i> <i>If "No," answer Question 7.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>6. Are the project's maximum predicted concentrations of H₂S at the nearest property line equal to or less than significant impact level (SIL)?</p> <p>H₂S Hourly SAAQS - 108 µg/m³ Note: Over time AAQS's may be updated.</p> <p><i>If "Yes," answer Question (7).</i> <i>If "No," an impact evaluation must be attached for H₂S demonstrating that protectiveness limits have been met.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>7. Are the total SO₂ emissions greater than 2.0 lb/hr?</p> <p><i>If "Yes," answer Question 8.</i> <i>If "No," answer Question 9.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>8. Are the project's maximum predicted concentrations of SO₂ at the nearest property line equal to or less than significant impact level (SIL)?</p> <p>SO₂ Hourly NAAQS - 196 µg/m³ Note: Over time AAQS's may be updated.</p> <p><i>If "Yes," answer Question 9.</i> <i>If "No," an impacts evaluation must be attached for SO₂ demonstrating that protectiveness limits have been met.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>9. Are the total NO_x emissions greater than 4.0 lb/hr?</p> <p><i>If "Yes," answer Question 10.</i> <i>If "No," go to Level 2 Best Management Practices section.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>10. Are the project's maximum predicted concentrations of NO_x at the nearest property line equal to or less than significant impact level (SIL)?</p> <p>NO_x Hourly NAAQS - 188 µg/m³ Note: Over time AAQS's may be updated.</p> <p><i>If "Yes," go to Level 2 Best Management Practices section.</i> <i>If "No," an impacts evaluation must be attached for NO_x demonstrating that protectiveness limits have been met.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No



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IX. Level 2 Best Management Practices Questions/Descriptions	
<p>1. Are there any engines or turbines located at this site?</p> <p><i>If "Yes," answer Questions 2, 3, and 4.</i> <i>If "No," go to Question 5</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>2. Will the engines or turbines meet the emission and performance standards listed in Table 6 of the PBR?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>3. Are there any liquid fueled engines used for back-up power generation and periodic power needs?</p> <p><i>If "Yes," the fuel must have less than or equal to 0.05% sulfur and operate less than 876 hours per rolling 12-month period.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>4. If the site has access to an electric service, do the engines or turbines meet the technical requirements of the Air Quality Standard Permit for Electric Generating Unit (EGU)?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>5. Are there any open-topped tanks or ponds located at this site?</p> <p><i>If "Yes," answer Question 6.</i> <i>If "No," go to Question 7.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>6. Is the potential to emit less than or equal to 1 tpy VOC and 0.1 tpy H₂S for the open-topped tanks or ponds?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>7. Will you comply with all fugitive requirements listed in the Best Management Practices subsection?</p> <p><i>If Leak Detection and Repair Alternative (LDAR) fugitive monitoring is chosen, Table 9 must be met.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>8. Are there any tanks or vessels located at this site?</p> <p><i>If "Yes," answer Question 9.</i> <i>If "No," go to Question 10.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>9. Will all tanks and vessels be of a color that minimizes the effects of solar heating as stated in the rule?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>10. When relying on control or recovery devices in emission calculations, are you going to monitor and keep records, per Table 8?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No



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IX. Level 2 Best Management Practices Questions/Descriptions (continued)	
<p>11. Are any of the following units needed to meet the limitations of this rule?</p> <p><input type="checkbox"/> Process Reboilers, Heaters and Furnaces (used for control)</p> <p><input type="checkbox"/> Vapor Recovery Units</p> <p><input type="checkbox"/> Thermal oxidation and Vapor combustion control devices (Flares answer Question 13).</p> <p><i>If any of the above units are located at the site and relied upon to meet the limitations of the rule, answer Question 12. Otherwise, go to Question 13.</i></p>	
<p>12. Will the appropriate level of monitoring be implemented based on any efficiencies claimed as reduction to emission estimates?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>13. Are there any flares located at this site needed to meet the limitations of the rule?</p> <p><i>If "Yes," flares must be designed and operated in accordance with the rule in order to claim the stated destruction efficiency.</i></p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
X. Level 2 Maintenance, Startup, and Shutdown (MSS) Questions/Descriptions	
<p>1. Are planned MSS emissions being registered with this authorization?</p> <p>MSS emissions for all planned MSS events must be registered for all oil and gas sites authorized under permit by rule or standard permit beginning January 5, 2012.</p> <p><i>If "Yes," answer Questions 2, 3, and 4.</i></p> <p><i>If "No," continue to the State and Federal standards applicability section.</i></p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>2. Are back-up control/recovery devices in place or do any alternate operations occur during any planned downtime of control/recovery devices, if necessary to meet the limitations of the PBR?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>3. Have emissions associated with all planned MSS events/activities been estimated and will the emission calculations be attached?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>4. Are any engine/compressor start-ups associated with preventative system shutdown activities being authorized as part of normal operation?</p> <p><i>If "Yes," answer Question 5.</i></p> <p><i>If "No," go to the State and Federal Standards applicability section.</i></p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>5. Are all of the following conditions met?</p> <ul style="list-style-type: none"> • Prior to operation, alternative operating scenarios to divert gas or liquid streams are registered and certified with supporting documentation, • Shutdowns will not result in emissions, • Start-up emissions are controlled to a minimum of 98 percent efficiency for VOC and H₂S. 	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>



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XI. State and Federal Standards Applicability <i>Check all that apply</i>
1. Is this site applicable to any of the following state or federal standards? <i>(check all that apply)</i>
<input type="checkbox"/> NSPS Subpart A
<input type="checkbox"/> NSPS Subpart K, Ka, Kb
<input type="checkbox"/> NSPS Subpart GG
<input type="checkbox"/> NSPS Subpart KKK
<input type="checkbox"/> NSPS Subpart LLL
<input type="checkbox"/> NSPS Subpart IIII
<input type="checkbox"/> NSPS Subpart JJJJ
<input type="checkbox"/> NSPS Subpart KKKK
<input type="checkbox"/> NESHAP Subpart V
<input type="checkbox"/> MACT Subpart H
<input type="checkbox"/> MACT Subpart HH
<input type="checkbox"/> MACT Subpart VV
<input type="checkbox"/> MACT Subpart HHH
<input type="checkbox"/> MACT Subpart YYYY
<input type="checkbox"/> MACT Subpart ZZZZ
<input type="checkbox"/> Chapter 111
<input type="checkbox"/> Chapter 112
<input type="checkbox"/> Chapter 115
<input type="checkbox"/> Chapter 117
Note: Please be advised that the operations conducted at this site may be subject to additional state and federal requirements. It is the owner or operator's responsibility to determine whether additional regulations apply, and if so, how they will comply with them. For further information on the above standards use the Federal Applicability Table

Recordkeeping: To demonstrate compliance with the requirements of the PBR(s) or Standard Exemption(s), sufficient records must be maintained at all times. The records must be made available immediately upon request to the commission or any air pollution control program having jurisdiction. If you have any questions about the recordkeeping requirements, contact the Air Permits Division or the Air Program in the [TCEQ Regional Office](#) for the region in which the site is located.



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XII. Certification	
<p>1. Does this registration require certification or is certification being submitted voluntarily? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If "Yes," go to Question 2. If "No," this application is complete.</i></p>	
<p>2. Select the reason for certifying this registration:</p>	
<p><input type="checkbox"/> The project located at an existing major sites, establishes emission increases less than any applicable threshold or contemporaneous emission increases for major sources or major modifications under prevention of significant deterioration (PSD), nonattainment new source review (NNSR).</p>	
<p><input type="checkbox"/> The project or registration includes control or reductions, limited hours, throughput, and materials or other operational limitations which are less than the potential to emit.</p>	
<p><input type="checkbox"/> Modeling is used to demonstrate compliance with protectiveness</p>	
<p><input type="checkbox"/> The project is located at a site subject to NO_x cap and trade requirements in Chapter 101, Subchapter H of this title (relating to Emissions Banking and Trading).</p>	
<p><input type="checkbox"/> The project or registration relies on controls to comply with any state or federal regulation.</p>	
<p><input type="checkbox"/> The project resolves compliance issues as a result of a commission or EPA order.</p>	
<p><input type="checkbox"/> Certification is being submitted voluntarily.</p>	
XIII. Signature for Certification	
<p>Please sign the signature box below to certify this registration.</p>	
<p>The signature below indicates that the Responsible Official has knowledge of the facts herein set forth and that the same are true, accurate, and complete to the best of my knowledge and belief. By this signature, the maximum emission rates listed on this certification reflect the maximum anticipated emissions due to the operation of this facility and all representations in this certification of emissions are conditions upon which the facilities and sources will operate. It is understood that it is unlawful to vary from these representations unless the certification is first revised. The signature certifies that to the best of the Responsible Official's knowledge and belief, the project will satisfy the conditions and limitations of the indicated exemption or permit by rule and the facility will operated in compliance with all regulations of the Texas Commission on Environmental Quality and with Federal U.S. Environmental Protection Agency regulations governing air pollution. The signature below certifies that, based on information and belief formed after reasonable inquiry, the statements and information above and contained in the attached document(s) are true, accurate, and complete. If you have questions on how to fill out this form or about air quality permits, please call (512) 239-1250.</p> <p><i>Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, call (512) 239-3282.</i></p>	
<p>Signature: _____ (Date)</p> <p align="center"><i>(Original Signature Required)</i></p>	