

**Texas Commission on Environmental Quality  
 Title 30 Texas Administrative Code § 106.224 Checklist  
 (Previously Standard Exemption 123)  
 Aerospace Equipment and Parts Manufacturing**

The following checklist has been developed by the Texas Commission on Environmental Quality (TCEQ) to provide verification that the basic requirements of Title 30 Texas Administrative Code (TAC) Section 106.224, previously Standard Exemption 123, are met. The questions below are derived from § 106.4 and the permit by rule (PBR). Please read all of the questions and check each answer “YES” or “NO,” or provide specific information as applicable to the facility. Total plant site emissions cannot exceed 25 tons per year. If all conditions of a specific PBR are not met, the facility will not be allowed to operate under that PBR and an application for a construction permit will be required pursuant to § 116.110 prior to construction.

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](http://www.TexasEnviroHelp.org).

<b>Please Provide the Information Requested Below</b>			
Facility Type:			
Operating Schedule:	hours/day	days/week	weeks/year
Production Rate:			units/time
<b>Description</b>			
Emission points are located at least 100 feet from any off-plant receptor*.			<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Note:</b> <i>Off-plant receptor means any recreational area or residence or other structure not occupied or used solely by the owner or operator of the aerospace equipment and parts manufacturing plant or the owner of the property upon which the aerospace plant is located. Controlled access recreational areas owned by the property owner or the owner or operator of the aerospace plant are not off-plant receptors.</i>			
List the increase in the emissions of the following air contaminants authorized under this exemption, on a cumulative basis, from the entire aerospace manufacturing plant (tpy):			
Particulate matter (<5 tpy):		VOC(<15 tpy):	
Acid gases or vapors(<5 tpy):		Nonvolatile hydrocarbons(<10 tpy):	
Total of all air contaminants (< 25 tpy):			
The increases are less than the limits shown in parenthesis.			<input type="checkbox"/> YES <input type="checkbox"/> NO
Hourly emissions of total new or increased emissions will not exceed the hourly emission rate defined by the equation $E=L/K$ . The compound specific values of L (mg/m <sup>3</sup> ) are listed in Table 118(A) of TCEQ Standard Exemption 118. Values of K are listed in Table 123A of this exemption. You may calculate the value(s) of E or complete the following section.			<input type="checkbox"/> YES <input type="checkbox"/> NO
The facility will be registered with the TCEQ central office using an exemption application, Form PI-7, before construction of the facility is begun. This registration will include a project description, emissions calculations, and a description of pollution control equipment to be used.			<input type="checkbox"/> YES <input type="checkbox"/> NO

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Emissions data will include all process emission sources at the plant, both existing and proposed, and shall be the maximum allowed emissions for permitted units, the actual emissions for existing grandfathered or exempted units, and the projected maximum allowable emissions for proposed units.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Emissions will be speciated by chemical compound and stack parameters, as appropriate, for each emission source provided.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
If "YES", please fill in the following table:		
<b>Compound</b>	<b>Distance (ft)</b>	<b>Proposed Emission Rate (lb/hr)</b>
<b>Repeat This Section for All Emission Points:</b>		
Distance from emission point to nearest off-plant receptor:		
An emissions inventory will be compiled and/or updated on an annual basis for all process emission sources on the property, and be maintained on a two-year rolling retention cycle.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
<b>Note:</b> <i>Inventory records should include the basis for all emissions estimates, sample calculations, and material usage records. Material and solvent usage records should be maintained in sufficient detail to document compliance.</i>		
There are/will be no visible emissions from this facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
The facility will handle or store any of the chemicals listed below as a liquid or a compressed gas in a compound mixture of a concentration greater than 10% by weight or an aqueous solution of any of these same chemicals greater than 50% by weight.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
<b>Chemical List:</b> Acrolein, Ammonia, Bromine, Carbon Disulfide, Chlorine, Ethyl Mercaptan, Hydrogen Chloride, Hydrogen Bromide, Hydrogen Cyanide, Hydrogen Fluoride, Hydrogen Sulfide, Phosphine, SO <sub>2</sub> , Methyl Bromide, Methyl Isocyanate, Methyl Mercaptan, Nickel Carbonyl, and Phosgene.		
If "YES", answer the following:		
The facility shall be located at least 300 feet from the nearest property line and 600 feet from any off-plant receptor.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
The cumulative amount of any one of the chemicals listed above resulting from one or more authorizations under this PBR shall not exceed 500 pounds on the plant property.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Any chemical listed above shall be handled, contained and transported, in compliance with U.S. Department of Transportation regulations (49 CFR Parts 171 through 178).	<input type="checkbox"/> YES <input type="checkbox"/> NO	

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<b>Please Complete the Following Section:</b>	
Name:	
Company:	
Title:	
Facility Name:	
Phone No.:	Fax No.:
Email Address:	
Account ID No.:	
Location:	
Signature of Company Officer:	
Date:	