



**Title 30 Texas Administrative Code § 106.262  
Permit by Rule (PBR) Checklist  
Facilities (Emission and Distance Limitations)**

The following checklist is designed to help you confirm that you meet Title 30 Texas Administrative Code § 106.262 (30 TAC § 106.262) requirements. If you do not meet all the requirements, you may alter the project design or operation in such a way that all the requirements of the PBR are met or you may obtain a construction permit. The 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.state.tx.us/nav/permits/air\\_permits.html](http://www.tceq.state.tx.us/nav/permits/air_permits.html).

CHECK THE MOST APPROPRIATE ANSWER			
Is a description or checklist of how this claim meets the general requirements for the use of PBRs in 30 TAC § 106.4 attached?		<input type="checkbox"/> YES	<input type="checkbox"/> NO <input type="checkbox"/> N/A
b1.	Is this claim for construction of a facility authorized in another section of this chapter or for which a standard permit is in effect? <i>If "YES," this PBR cannot be used to authorize emissions from the project.</i>	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input type="checkbox"/> N/A
b2.	Is this claim for any change to any facility authorized under another section of this chapter or authorized under a standard perm? <i>If "YES," this PBR cannot be used to authorize emissions from the project.</i>	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input type="checkbox"/> N/A
c.	Is the facility authorized under another section of this chapter or under a standard permit? <i>If "YES," subsection (a)(2) and (3) of this section may be used to qualify the use of other chemicals at the facility.</i>	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input type="checkbox"/> N/A
a1.	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?	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input type="checkbox"/> N/A
a2.	Are new or increased emissions, including fugitives, emitted in a quantity less than five tons per year or in a quantity less than E as determined by using the equation $E=L/K$ ? See Table 262 Figures 1 and 2. <i>If "YES," the notification shall include a description of the project, calculations for all emissions being claimed under this PBR:</i>	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input type="checkbox"/> N/A
Chemical: _____ L value: _____ D: _____ K: _____			
a3.	Is this checklist attached to a Form PI-7 within ten days following the installation or modification of the facilities? <i>If "YES," the notification shall include a description of the project, calculations, and data identifying specific chemical names, L values, and a description of pollution control equipment, if any..</i>	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input type="checkbox"/> N/A
a4.	Are one or more of the following chemicals is handled for this registration? (Check all that apply) <i>If "YES," answer the following four questions.</i>	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input type="checkbox"/> N/A
<input type="checkbox"/> acrolein	<input type="checkbox"/> diazomethane	<input type="checkbox"/> hydrogen sulfide	<input type="checkbox"/> ozone
<input type="checkbox"/> allyl chloride	<input type="checkbox"/> diborane	<input type="checkbox"/> ketene	<input type="checkbox"/> pentaborne
<input type="checkbox"/> ammonia (anhydrous)	<input type="checkbox"/> diglycidyl ether	<input type="checkbox"/> methylamine	<input type="checkbox"/> perchloromethyl mercaptan
<input type="checkbox"/> arsine	<input type="checkbox"/> dimethylhydrazine	<input type="checkbox"/> methyl bromide	<input type="checkbox"/> perchloryl fluoride
<input type="checkbox"/> boron trifluoride	<input type="checkbox"/> ethyleneimine	<input type="checkbox"/> methyl hydrazine	<input type="checkbox"/> phosgene
<input type="checkbox"/> bromine	<input type="checkbox"/> ethyl mercaptan	<input type="checkbox"/> methyl isocyanate	<input type="checkbox"/> phosphine
<input type="checkbox"/> carbon disulfide	<input type="checkbox"/> fluorine	<input type="checkbox"/> methyl mercaptan	<input type="checkbox"/> phosphorus trichloride
<input type="checkbox"/> chlorine	<input type="checkbox"/> formaldehyde (anhydrous)	<input type="checkbox"/> nickel carbonyl	<input type="checkbox"/> selenium
<input type="checkbox"/> chlorine dioxide	<input type="checkbox"/> hydrogen bromide	<input type="checkbox"/> nitric acid	<input type="checkbox"/> hexafluoride stibine
<input type="checkbox"/> chlorine trifluoride	<input type="checkbox"/> hydrogen chloride	<input type="checkbox"/> nitric oxide	<input type="checkbox"/> liquefied sulfur dioxide
<input type="checkbox"/> chloroacetaldehyde	<input type="checkbox"/> hydrogen cyanide	<input type="checkbox"/> nitrogen dioxide	<input type="checkbox"/> sulfur pentafluorid
<input type="checkbox"/> chloropicrin	<input type="checkbox"/> hydrogen fluoride	<input type="checkbox"/> oxygen difluoride	<input type="checkbox"/> tellurium hexafluoride
<input type="checkbox"/> chloroprene	<input type="checkbox"/> hydrogen selenide		



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Are all facilities are 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 <input type="checkbox"/> N/A
Are the cumulative amount of any of the following chemicals resulting from one or more authorizations under this section (but not including permit authorizations) less than or equal to 500 pounds on the plant property?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
Are all listed chemicals handled only in unheated containers operated in compliance with the United States Department of Transportation regulation (49 Code of Federal Regulation, Parts 171-178)?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
Are any changes to or additions of any existing air pollution abatement equipment?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
a5. Are there any changes to or additions of any existing air pollution abatement equipment?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
a6. Will there be any visible emissions, except uncombined water, emitted to the atmosphere from any point or fugitive source in amounts greater that 5.0% opacity in any six-minute period?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

D, Feet	K	
100	326	E=maximum allowable hourly emission, and never to exceed 6 pounds per hour.
200	200	
300	139	
400	104	
600	65	
700	54	
800	46	K=value from the table on this page. (interpolate intermediate values)
900	39	
1,000	34	
2,000	14	D=distance to the nearest off-plant receptor
3,000 or more	8	

**TABLE 262**  
**LIMIT VALUES (L) FOR USE WITH EXEMPTIONS FROM PERMITTING § 106.262**

The values are not to be interpreted as acceptable health affects values relative to the issuance of any permits under Chapter 116 of this title (relating to Control of Air Pollution by Permits for new Construction or Modification).

<u>Compound</u>	<u>Limit (L) Milligrams Per Cubic Meter</u>
Acetone	590.
Acetaldehyde	9.
Acetone	4.
Acetonitrile	34.
Acetylene	2662.
N-Amyl Acetate	2.7
Sec-Amyl Acetate	1.1
Benzene	3.
Beryllium and Compounds	0.0005
Boron Trifluoride, as HF	0.5
Butyl Alcohol,	76.
Butyl Acrylate	19.
Butyl Chromate	0.01
Butyl Glycidyl Ether	30.
Butyl Mercaptain	0.3
Butyraldehyde	1.4
Butyric Acid	1.8
Butyronitrile	22.
Carbon Tetrachloride	12.
Chloroform	10.
Chlorophenol	0.2
Chloroprene	3.6
Chromic Acid	0.01
Chromium Metal, Chromium II and III Compounds	0.1
Chromium VI Compounds	0.01
Coal Tar Pitch Volatiles	0.1
Creosote	0.1
Cresol	0.5
Cumene	50.
Dicyclopentadiene	3.1
Diethylaminoethanol	5.5
Diisobutyl Ketone	63.9
Dimethyl Aniline	6.4
Dioxane	3.6

<u>Compound</u>	<u>Limit (L) Milligrams Per Cubic Meter</u>
Dipropylamine	8.4
Ethyl Acrylate	0.5
Ethylene Dibromide	0.38
Ethylene Glycol	26.
Ethylene Glycol Dinitrate	0.1
Ethylidene 2-norbornene, 5-	7.
Ethyl Mercaptan	0.08
Ethyl Sulfide	1.6
Glycolonitrile	5.
Halothane	16.
Heptane	350.
Hexanediamine, 1, 6-	0.32
Hydrogen Chloride	1.
Hydrogen Fluoride	0.5
Hydrogen Sulfide	1.1
Isoamyl Acetate	133.
Isoamyl Alcohol	15.
Isobutyronitrile	22.
Kepone	0.001
Kerosene	100.
Malononitrile	8.
Mesityl Oxide	40.
Methyl Acrylate	5.8
Methyl Amyl Ketone	9.4
Methyl-T-Butyl Ether	45.
Methyl Butyl Ketone	4.
Methyl Disulfide	2.2
Methylenebis (2-chloroaniline) (MOCA)	0.003
Methylene Chloride	26.
Methyl Isoamyl Ketone	5.6
Methyl Mercaptan	0.2
Merthyl Methacrylate	34.
Methyl Propyl Ketone	530.
Methyl Sulfide	0.3
Mineral Spirits	350.
Naphtha	350.
Nickel, Inorganic Compounds	0.015
Nitroglycerine	0.1

<u>Compound</u>	<u>Limit (L) Milligrams Per Cubic Meter</u>
Nitropropane	5.
Octane	350.
Parathion	0.05
Pentane	350.
Perchloroethylene	33.5
Petroleum Ether	350.
Phenyl Mercaptan	0.4
Propionitrile	14.
Propyl Acetate	62.6
Propylene Oxide	20.
Propyl Mercaptan	0.23
Silica-amorphous-precipitated, silica gel	4.
Silicon Carbide	4.
Stoddard Solvent	350.
Styrene	21.
Succinonitrile	20.
Tolidin	0.02
Trichloroethylene	135.
Trinethylamine	0.1
Valeric Acid	0.34
Vinyl Acetate	15.
Vinyl Chloride	2.

NOTE: The time weighted average (TWA) threshold Limit Value (TLV) published by the American Conference of Governmental Industrial Hygienists (ACGIH), in its TLVs and BEIs guide (1997 Edition) shall be used for compounds not included in the table. The Short Term Exposure Level (STEL) or Ceiling Limit (annotated with a "C") published by the ACGIH shall be used for compounds that do not have a published TWA TLV. This section cannot be used if the compound is not listed in the table or does not have a published TWA TLV, STEL, or Ceiling Limit in the ACGIH TLVs and BEIs guide.