

**Title 30 Texas Administrative Code § 106.145
Permit By Rule (PBR) Checklist
Bulk Sand Handling Facility**

The following checklist is designed to help you confirm that you meet Title 30 Texas Administrative Code § 106.145 (30 TAC § 106.145) requirements. If you answer “NO,” to any of the following questions, your PBR claim may not meet all 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.texas.gov/nav/permits/air_permits.html.

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.

Check the most appropriate answer	
1. Have you prepared and included a description of how this claim meets the general requirements for the use of the PBR in 30 TAC § 106.4?	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. Is this an oil well servicing bulk sand handling facility?	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. Will all sand be prewashed?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Check the appropriate process used for sand handling: <input type="checkbox"/> Mechanical <input type="checkbox"/> Pneumatically <input type="checkbox"/> Other: _____	
Note: If “Other” is indicated, you do not qualify for this PBR and must apply for an applicable permit.	
4. If sand is handled pneumatically, is the conveying air vented to the atmosphere through a fabric filter?	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. If handled pneumatically, is the fabric filter equipped with a mechanical cleaning device or automatic air cleaning device?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Check the appropriate box for the type of cleaning process: <input type="checkbox"/> Mechanical <input type="checkbox"/> Pneumatically <input type="checkbox"/> Other: _____	
Note: If “Other” is indicated, you do not qualify for this PBR and must apply for an applicable permit.	
Please submit a Table 11, “Fabric Filters,” for your fabric filter(s).	
6. Based on the information provided in Table 11, is the filtering velocity below 4.0 feet per minute for a mechanical cleaning device, or 7.0 feet per minute with an automatic air cleaning device?	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. What is the filtering velocity of your fabric filter in feet per minute? _____ feet per minute	
Example: a surface area of a filter is calculated (if not known from filter manufacturer or filter specifications) by: volumetric flow (cfm) / 3.142(diameter of filter sock) (length of filter sock) (number of filter socks) = filtering velocity in feet/minute 2,000 cfm / 3.142(1')(10')(20) = 3.18'/minute.	
8. Will all in-plant roads and vehicle work areas be watered, treated with dust-suppressant chemicals, or paved to achieve maximum control of road or work area dust emission?	<input type="checkbox"/> YES <input type="checkbox"/> NO

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9. Is each facility's emission sources (including all equipment and stockpiles) located at least 300 feet from any recreational area, residence, or other structure not occupied or used solely by the owner or operator of the facilities?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Note: Submit a scaled map with your Form PI-7, "Registration for Permits By Rule," showing your facility and emission sources, your property boundaries, and the offsite receptors identified above, and include the direction and distance of your facility.	
10. Is a Form PI-7 completed and enclosed?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Note: The PBR requires registration, which includes submittal of all paperwork demonstrating that all requirements are met before construction can begin.	
Additional Information	
<p>Recommended Calculation Methods: For assistance in calculating particulate matter emissions, consult the U.S. Environmental Protection Agency's Document AP-42, "Compilation of Air Pollutant Emission Factors." Although there is no technical guidance document specifically for Bulk Sand Handling, general guidance can be found in the <i>TCEQ Mechanical Source Technical Guidance Packages</i> located on the Air Permits Division Web page at, www.tceq.texas.gov/nav/permits/air_permits.html for particulate matter (PM₁₀) sources.</p>	
<p>Recordkeeping: Beginning January 1, 2002, the permit holder must maintain all records and the records must be available upon request for five years. These records must support a compliance demonstrated for any consecutive 12-month period. The recordkeeping may be based upon one-time calculations, monitoring devices, data sets, and event recording or periodic calculations based upon actual production.</p>	