



**Portable Pipe Reactor  
Air Permit by Rule (PBR) Checklist  
Title 30 Texas Administrative Code § 106.302**

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 PBR forms, tables, checklists, and guidance documents are available from the TCEQ, Air Permits Division Web site at: [www.tceq.state.tx.us/permitting/air/nav/air\\_pbr.html](http://www.tceq.state.tx.us/permitting/air/nav/air_pbr.html).

This PBR ([§ 106.302](#)) requires registration with the commission's Office of Permitting, Remediation, and Registration 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](#), "Certification and Registration for Permits by Rule." This checklist should accompany the registration form.

CHECK THE MOST APPROPRIATE ANSWERS AND FILL IN THE BLANKS			
Rule	Question/Description	Response	
(1)	Do you understand that an authorization letter must be received from the commission before construction of the facility begins?	<input type="checkbox"/> YES <input type="checkbox"/> NO	
(2)	Are all valves, piping, flanges, hoses, and disconnects free of leaks?	<input type="checkbox"/> YES <input type="checkbox"/> NO	
(3)	Will the opacity from any process vent exceed 20%?  <i>Note: The opacity must not exceed 20% except during the periods of startup described in <a href="#">30 TAC § 111.11(a)(1)(E)</a> relating to Requirements for Specified Sources. These periods must not total more than six minutes in any 60 consecutive minutes, or more than six hours in any 10-day period.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	
(4)	Will the emissions from the facility cause or contribute to a condition of air pollution as defined in Texas Health and Safety Code <a href="#">§ 382.003(3)</a>	<input type="checkbox"/> YES <input type="checkbox"/> NO	
(5)	Will the operating schedule exceed 72 hours within a four-month period?	<input type="checkbox"/> YES <input type="checkbox"/> NO	
	<b>Other Applicable Rules and Regulations</b>	<b>Why or Why Not?</b>	<b>Response</b>
	Is the replacement facility subject to <a href="#">30 TAC Chapter §§ 115.120-129</a> ?		<input type="checkbox"/> YES <input type="checkbox"/> NO



**Portable Pipe Reactor  
Air Permit by Rule (PBR) Checklist  
Title 30 Texas Administrative Code § 106.302**

SUMMARY OF EMISSION SOURCES								
Equipment List	No. of Items	VOC	NO <sub>x</sub>	CO	PM <sub>10</sub>	SO <sub>2</sub>	NH <sub>3</sub>	HF
Valves								
Open Ended Lines								
Flanges								
Compressor Seals								
Pressure Relief Valves								
Other equipment								
<b>TOTAL EMISSIONS (tpy):</b>								

**Record Keeping:** In order to demonstrate compliance with the general and specific requirements of this PBR, the permit holder must maintain records and the records must be immediately available upon request. Records should include, but are not limited to, the hours of operation to ensure that 72 hours are not exceeded within a four-month period and to comply with the requirement of [30 TAC § 111.11\(a\)\(1\)\(E\)](#). These records must support a compliance demonstration for any consecutive 12-month period for the emission limits specified in [30 TAC § 106.4](#) and [30 TAC § 106.302](#). In addition, the required record keeping in accordance with [30 TAC § 106.8](#) may be based upon one-time calculations, monitoring devices, data sets, or periodic calculations based upon actual production. If you have any question about the type of records that should be maintained, contact the Air Program in the [TCEQ Regional Office](#) for the region in which the site is located.

**Recommended Calculation Method:** 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 1: Protocol for Equipment Leak Fugitives located at: [www.epa.gov/ttn/chief/efdocs/equiplks.pdf](http://www.epa.gov/ttn/chief/efdocs/equiplks.pdf).