

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
**Best Available Control Technology (BACT) Guideline**

**Source Category**

Source:	<i>Liquid Transfer &amp; Handling - Tank Truck &amp; Rail Car Bulk Loading</i>	Revision:	<i>1</i>
		Document #:	<i>109.2</i>
Class:	<i>Gasoline Bulk Terminals</i>	Date:	<i>06/28/00</i>

**Determination**

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. <i>n/d</i> 2. <i>0.02 pounds/1000 gallons loaded<sup>a,b</sup></i>	1. <i>n/d</i> 2. <i>Submerged Loading with Vapor Collection System vented to a Thermal Oxidizer, Carbon Adsorber with vapor tank, or BAAQMD Approved Equivalent<sup>a,b</sup></i>
NO <sub>x</sub>	1. <i>n/a</i> 2. <i>0.10 pounds/1000 gallons loaded<sup>a,b</sup></i>	1. <i>n/a</i> 2. <i>Low-NOx combustion system<sup>a,b</sup></i>
SO <sub>2</sub>	1. <i>n/a</i> 2. <i>n/a</i>	1. <i>n/a</i> 2. <i>n/a</i>
CO	1. <i>n/a</i> 2. <i>0.05 lb CO/1000 gallons loaded<sup>a,b</sup></i>	1. <i>n/a</i> 2. <i>Good Combustion Practice<sup>a,b</sup></i>
PM <sub>10</sub>	1. <i>n/a</i> 2. <i>n/a</i>	1. <i>n/a</i> 2. <i>n/a</i>
NPOC	1. <i>n/d</i> 2. <i>0.02 pounds/1000 gallons loaded<sup>a,b</sup></i>	1. <i>n/d</i> 2. <i>Submerged Loading with Vapor Collection System vented to a Carbon Adsorber with vapor tank, or BAAQMD Approved Equivalent<sup>a,b</sup></i>

**References**

- a. BAAQMD Application #100.  
b. BAAQMD Interoffice memorandum dated 6/9/2000 from B. Young to Bill deBoisblanc, Director of Permit Services, titled "BACT Revision for Gasoline Bulk Terminals".