

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

Source Category

Source:	<i>Polystyrene Foam Product Manufacturing Operations (Blowing Agent Usage)</i>	Revision:	<i>1</i>
		Document #:	<i>130.1.1</i>
Class:	<i>Foam Sheet Extrusion and Thermoforming of Foam Sheet for Food Packaging/Service Products</i>	Date:	<i>6/30/99</i>

Determination

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. <i>n/d</i> 2. <i>No emissions from blowing agent losses during manufacturing or from the finished foam product^a</i>	1. <i>n/d</i> 2. <i>Use of non-VOC blowing agent (e.g. HFC-152a or carbon dioxide) to process resins.^a</i>
NO_x	1. <i>n/a</i> 2. <i>n/a</i>	1. <i>n/a</i> 2. <i>n/a</i>
SO₂	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>n/a</i>	1. <i>n/a</i> 2. <i>n/a</i>
PM₁₀	1. <i>n/a</i> 2. <i>n/a</i>	1. <i>n/a</i> 2. <i>n/a</i>
NPOC	1. <i>n/a</i> 2. <i>Minimize use of blowing agents</i>	1. <i>n/a</i> 2. <i>Good operating practice</i>

References

a. BAAQMD interoffice memorandum "New BACT Guideline for Polystyrene Foam Sheet Manufacturing Operations - Blowing Agent Usage" dated 6/16/99 from B. Young to W. deBoisblanc, Director of Permit Services. A note to District staff: the interoffice memorandum is saved as P:\general\bgypolystyr.doc.