

**TCEQ Chemical Sources  
Current Best Available Control Technology (BACT) Requirements**

**Polyethylene and Polypropylene Facilities**

<b>Year</b>	<b>Source Type</b>	<b>Pollutant</b>	<b>Minimum Acceptable Control</b>	<b>Control Efficiency or Details</b>
2011	Polyethylene Facilities	VOC	Control or recycle all waste gas streams upstream of extruder For piping components, see fugitive control requirements	Uncontrolled VOC < 80 lb/MMlb for low pressure HDPE and case-by-case for high pressure LDPE See specific control device requirements
		Particulate	Baghouse	0.01 grain/scf
	Polypropylene Facilities	VOC	All waste gas streams sent to flare For piping components, see fugitive control requirements	VOC < 80 lb MMlb of PP 98% for flare
		Particulate	Baghouse	0.01 grain/scf