

TCEQ CHEMICAL SOURCES CURRENT BACT REQUIREMENTS FOR MSS ACTIVITIES

Storage Tanks

This information is maintained by the CHEMICAL NSR Section and is subject to change. Last update 4/2008.

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2006	Storage Tanks	All	Same as current BACT requirements, except as stated on this table.	Same as current BACT requirements, except as stated on this table.
	Fixed Roof Tank Draining	VOC	Send liquid to a covered vessel. If there is any standing liquid within the tank, and the tank is opened to the atmosphere or ventilated, the vapor stream must be controlled until there is no standing liquid or the VOC vapor pressure is less than 0.02 psia.	Control device must meet BACT.
		Acid	Drain to covered vessel. If there is any standing liquid within the tank, and the tank is opened to the atmosphere or ventilated, the vapor stream must be controlled until there is no standing liquid or the acid vapor pressure is less than 0.02 psia.	Control device must meet BACT.
	Floating Roof Landings	VOC	May land roof without control, subject to effects review, if meet a category detailed to the right. Control all other landings as detailed below.	Bulk gasoline terminals: two landings per tank per year when required for Reid Vapor Pressure changes. For change of service (incompatible liquids) if total site change of service tank landing emissions are less than 5 tpy.
		All	Route to appropriate control device when degassing. Control must be maintained until the VOC concentration is less than 10,000 ppmv VOC (or equivalent for non-VOCs). If there is any standing liquid within the tank, and the tank is opened to the atmosphere or ventilated, the vapor stream must be controlled until there is no standing liquid or the VOC vapor pressure is less than 0.02 psia. Route to control device during roof refloating if emissions from filling tanks without degassing and cleaning is > 5tpy. In this case, if controlling through fixed roof vent, route to control device during entire tank refill. New tanks must be desinged to be drain dry with connections to control vapors under a landed roof.	Commence under-roof degassing within 24 hours of landing. Degas every 24 hours unless no standing liquid in tank or vapor pressure of liquid in tank has a VOC partial pressure <0.02 psi.