

Texas Commission on Environmental Quality
Air Permits Division

New Source Review (NSR) Boilerplate Special Conditions

This information is maintained by the Chemical NSR Section and is subject to change. Last update was made **August 2011**. These special conditions represent current NSR boilerplate guidelines and are provided for informational purposes only. The special conditions for any permit or amendment are subject to change through TCEQ case by case evaluation procedures [30 TAC 116.111(a)]. Please contact the appropriate Chemical NSR Section management if there are questions related to the boilerplate guidelines.

Tank Truck and Railcar Cleaning (A) all, (C) controlled tank truck or railcar cleaning with vapor pressure > 0.5 psia (at 100F)

- (A) Tank truck and railcar (*TT or RC*) cleaning is limited to cleaning the number of (*TT or RC*) per hour per compound as listed on the attached Approved Chemical List(s) and emissions must be controlled as specified on that list.
- (A) The number of (*TT or RC*) cleaned in a rolling 12 month period shall not exceed XXX (*TT or RC*). (*The number of trucks should correspond to the total number of trucks previously handling the worst case liquids used to generate the controlled and uncontrolled allowable emission rates. If the controlled emission allowable was based on 200 trucks and the uncontrolled was based on 200 trucks, the number in this condition would be 200*). (*This condition would not be necessary if the applicant is willing to keep records tracking the actual emissions from truck cleaning. Additional language would need to be added to the next condition if that were the case.*)
- (A) The permit holder shall maintain records containing the following: name, molecular weight, and vapor pressure of compound being cleaned; type and volume of (*TT or RC*) being cleaned; control device used; and time and date of cleaning. These records shall be updated on a daily basis.

The number of (*TT or RC*) cleaned in the previous 12 months shall be recorded and updated on a monthly basis.

- (C) A minimum vacuum of XX inch water column shall be maintained on the (*TT or RC*) during cleaning if it previously contained liquid with a vapor pressure greater than 0.5 psia or if control is required by the Approved Chemical List. A vacuum/pressure gauge shall be installed (*identify location*). Vacuum shall be monitored during cleaning and recorded at least once every 15 minutes.

The exhaust of the vacuum blower shall vent to (*identify control device*). Add separate conditions for appropriate control device: [Flare](#), [Oxidizer](#), [Carbon Adsorption](#), [Scrubber](#).

- (A) Pressurized (*TT or RC*) shall not be cleaned at this site. All (*TT or RC*) to be cleaned at this facility shall be deheeled and shall have no standing liquids prior to cleaning. All residual chemicals (i.e., heels) shall be stored in a closed container prior to shipment off-site except when necessary to open the container to add or remove material.

- (A) All (*TT and RC*) which require cleaning that are located at the site must have all hatches, openings, or vents sealed or closed. These shall not be opened, except during deheeling, until the (*TT or RC*) is connected to the cleaning rack. (*TT or RC*) requiring controls must be connected to the vacuum system/control device prior to cleaning.
 - (a) if tanks, see [Tanks](#)
 - (a) if chemical flexibility , see [chemical flexibility](#)