

**Plain Language Summary for New Source Review (NSR) Renewal
Application for Air New Source Review Permit Number 112341**

The following summary is provided for this pending air permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

The Dow Chemical Company (CN600356976) has submitted an application for renewal of permit number 112341. The Dow Texas Operations - Freeport (RN100225945) produces/manufactures organic chemicals at 2301 Brazosport Blvd., Freeport, Brazoria County.

This renewal will authorize the continued operation of the Ethylene Oxide Distribution area, which includes storage vessels and process piping. The Dow Chemical Company has listed in the application the pollutants and amounts that will be emitted for each facility. Below is the total amount for each pollutant that is proposed to be emitted each year for all the facilities.

Pollutant	Proposed Emissions (tons per year)
CO	24.08
NOX	2.81
SO2	0.13
VOC	5.14
refrigerant	0.07
Acetone	0.01

The facilities being renewed continue to be controlled by a scrubber (existing) and flare (future).