

Plain Language Summary for New Source Review (NSR) Renewal

Application for Air New Source Review Permit Number 9085

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.

Union Carbide Corporation (CN 601688781) has submitted an application for renewal of permit number 9085. The Texas City Low Pressure Oxo 11/12 Unit (RN 100219351) produces/manufactures organic chemicals at 3301 5th Ave. South, Texas City, Galveston County.

This renewal will authorize the continued operation of the Low Pressure Oxo 11/12 unit, which includes process vents, a cooling tower, and storage tanks. Union Carbide Corporation 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)
Carbon monoxide	78.88
Nitrogen oxide	10.74
Particulate matter	8.66
Particulate matter (less than 10 microns)	3.94
Particulate matter (less than 2.5 microns)	0.04
Organic Compounds	144.81

The facilities being renewed continue to be controlled by periodic monitoring of piping components for leaks, proper maintenance, continuous monitoring of the flare and cooling tower, and following the existing requirements in the permit special conditions.