

**Plain Language Summary for New Source Review (NSR) Renewal
Application for Air New Source Review Permit Number 48653**

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 (CN601688781) has submitted an application for renewal of permit number 48653. The Ethylene Oxide/Ethylene Glycol Plant (RN102181526) is used for the manufacturing of ethylene oxide and ethylene glycol at UCC Seadrift Operations, Seadrift, Calhoun County.

This renewal will authorize the continued operation of the chemical manufacturing plant. Union Carbide Corporation has listed in the application the pollutants and amounts that will be emitted for each facility. Tank emissions are being modified to reflect revisions to AP-42; however, no increases occurred as a result of these changes. Below is the total amount for each pollutant that is proposed to be emitted each year for all facilities.

Pollutant	Total Proposed Emissions (tons per year)
VOC	275.53
NO _x	428.9
CO	1639.83
PM	8.58
SO ₂	3.51
HCL	0.02

The facilities being renewed continue to be controlled by a flare.