

**Plain Language Summary for New Source Review (NSR) Renewal
Application for Air New Source Review Permit Number 123305**

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.

E.R. Carpenter, L.P. (CN600125058) has submitted an application for renewal of permit number 123305. The *Roger W. Powell Plant P-1 and P-2 Facility* (RN100210830) produces/manufactures Polyol Production Facility at 11002 Choate Rd, Pasadena, Harris County.

This renewal will authorize the continued operation of polyether polyols and prepares blends of polyether polyols with various other materials for internal company use and external sale. *E.R. Carpenter, L.P.* 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)
NOx	0.83
CO	6.91
VOC	3.75
Propylene Oxide (VOC)	1.47
Ethylene Oxide (VOC)	0.06
Other VOC	0.10
SO2	0.02

The facilities being renewed continue to be controlled by routing select process vents to flares for VOC control. The combustion control devices include an elevated flare. Fugitive emissions will be minimized by implementing a formal Leak Detection and Repair (LDAR) program. Emission control systems will be operated and maintained using Good Engineering Practices to meet all regulatory standards.