

Plain Language Summary for New Source Review (NSR) Renewal Application for Air New Source Review Permit Number 4056

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.

Celanese Ltd. CN600130850 has submitted an application for renewal of permit number 4056. The Clear Lake CO Unit (RN100227016) produces/manufactures Carbon Monoxide at 9502 Bayport Blvd, Pasadena, Harris County.

This renewal will authorize the continued operation of a carbon monoxide (CO) Unit through an NSR permit. Celanese Ltd. 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)
VOC	54.34
PM	2.35
PM ₁₀ /PM _{2.5}	2.31
NO _x	73.69
CO	526.97
SO ₂	24.64
Pb	0.00
NH ₃	0.18
H ₂ S	0.10
Helium	140.54
Hydrogen Cyanide	0.01
Chlorine	0.01

The facilities being renewed continue to be controlled by a flare, best engineering practices, and LDAR programs.