

**Plain Language Summary for New Source Review (NSR) Renewal
Application for Air New Source Review Permit Number 56496**

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.

Shell Chemical LP (CN601405145) has submitted an application for renewal of permit number 56496. The Olefins 3 Unit Furnace (RN100211879) processes different hydrocarbon feedstock to produce a wide range of products at 5900 Highway 225, Deer Park, Harris County.

This renewal will authorize the continued operation of several tanks and furnaces. Shell Chemical LP 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	7.75
PM/PM ₁₀ /PM _{2.5}	10.04
NO _x	134.22
CO	128.50
SO ₂	35.32

The facilities being renewed continue to be controlled by low-NO_x burners for the furnaces and tanks with fixed roofs with submerged fill.