

Plain Language Summary for New Source Review (NSR) Renewal Application for Air New Source Review Permit Number 3216

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 Corporation (CN601405145) has submitted an application for renewal of and amendment of permit number 3216. The Shell Deer Park Plant (RN100211879) is a Chemical Plant at 5900 Highway 225 East, Deer Park, Harris County.

This renewal will authorize the continued operation of the HT-2 Hydrotreater Unit and associated fugitives. The amendment will authorize an increase in emission limits for the HT2FUG. Shell 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)
VOC	44.94
NO _x	47.56
CO	16.64
SO ₂	15.32
PM	6.59
PM ₁₀	6.59
PM _{2.5}	6.59
Benzene	12.71
Ammonia	0.01

The facilities being renewed continue to be controlled by 28RCT methodology.