

**Plain Language Summary for New Source Review (NSR) Renewal Amendment
Application for Air New Source Review Permit Number 22038**

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.

Deer Park Refining Limited Partnership (CN602641664) has submitted an application for renewal of and amendment to permit number 22038. The Deer Park Oil Refinery Cogeneration Facility (RN111372785) generates electric power at 5900 Highway 225, Deer Park, Harris County.

This renewal will authorize the continued operation of turbines and associated supporting equipment. The amendment will authorize changes to emission control equipment and fugitive piping components. Deer Park Refining Limited Partnership has listed in the application the pollutants and amounts that will be emitted for each facility. Below is the current amount allowed the amount to be added or removed, and the total amount for each pollutant that is proposed to be emitted each year for all the facilities.

Pollutants	Permitted Emissions (Tons Per Year)	Emissions Added/Deleted (Tons Per Year)	Total Proposed Emissions (Tons Per Year)
VOC	82.46	-37.39	45.07
PM	396.93	-289.08	107.85
PM ₁₀	396.93	-289.08	107.85
PM _{2.5}	396.93	-289.08	107.85
NO _x	545.77	-124.56	421.21
CO	2069.53	-1381.92	687.61
SO ₂	255.62	-216.62	39.00
SO ₃	1.46	0.00	1.46
NH ₃	23.30	24.42	138.90
Benzene	0.06	-0.06	0.00
H ₂ S	0.42	-0.42	0.00

The facilities being renewed are controlled by good combustion practices, use of clean fuels, selective catalytic reduction controls for NO_x reduction, and routine monitoring for fugitive leaks. The modified facilities will be controlled by the same methods.