Plain Language Summary for New Source Review (NSR) Amendment Application for Air New Source Review Permit Number 22690, PSDTX751M2, & GHGPSDTX226

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.

Chevron Phillips Chemical Company LP (CN600303614) has submitted an application for an amendment to permit number 22690. The Sweeny Complex (RN100825249) will produce/manufacture industrial organic chemicals at 21441 Loop 419, Sweeny, Brazoria County.

This amendment will authorize proposed changes to Unit 22 including construction of a new furnace to replace an existing one, cracking furnace decoking activities, addition of new fugitive piping components, control of pressure safety valve releases, and other changes to improve reliability and extend the life of the unit. Chevron Phillips Chemical Company LP 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.

Pollutant	Permitted Emissions (tons per year)	Emissions Added/Removed (tons per year)	Total Proposed Emissions (tons per year)
VOC	645.36	-1.31	644.05
PM	336.47	-2.26	334.21
PM10	267.33	-2.26	265.07
PM2.5	210.35	-2.35	208.00
NOx	1836.76	-172.54	1664.22
CO	2039.76	-36.15	2003.61
SO2	354.17	-6.08	348.09
NH3	5.76	2.73	8.49
H2S	0.5	0	0.5
Benzene	11.29	0	11.29

The new and/or modified facilities will be controlled by low NOx burners, selective catalytic reduction, and good combustion practices to minimize emissions from the new furnace. Fugitive emissions will be controlled through implementation of a leak detection and repair program. Pressure safety valve releases will be controlled by a flare.