

Plain Language Summary for New Source Review (NSR) Renewal Application for Air New Source Review Permit Number PAL16

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.

Exxon Mobil Corporation (CN600123939) (“ExxonMobil”) has submitted an application for renewal of permit number PAL16. Olefins, plastics and other chemical products are produced at ExxonMobil’s Baytown Chemical Plant (RN102574803) located at 5000 Bayway Dr, Baytown, Harris County.

This renewal will authorize the continued operation of various emission sources (furnaces, flares, cooling tower, tanks, sumps, engines, and fugitives) at the Baytown Chemical Plant. ExxonMobil 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	1,310.50
PM	274.70
PM ₁₀	244.07
PM _{2.5}	116.20
NOx	445.20
CO	663.40
SO ₂	85.59
H ₂ S	11.17
H ₂ SO ₄	8.40

The facilities being renewed continue to be controlled using low sulfur fuels, good combustion practices, and add-on Selective Catalytic Reduction for NOx control.