

Plain Language Summary for New Source Review (NSR) Initial Application for Air New Source Review Permit Number 181789 and N326

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.

Eli Lilly & Company (CN606434652) has submitted an application for initial air permit number 181378 and N326. The Houston Pharmaceutical Manufacturing Facility (Lilly), (RN112293956) is located in Generation Park at the intersection of Timber Forest Drive and Lake Houston Parkway in Houston, Harris County.

This permit will authorize the construction and operation of a pharmaceutical manufacturing facility consisting of multiple pharmaceutical manufacturing buildings along with support operations such as solvent recovery, storage tanks for solvents and wastewater, boilers, natural gas fired emergency generators, diesel firewater pump engines, quality labs, auxiliary equipment, and administrative centers. Lilly 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	83.80
NO _x	23.08
CO	72.10
PM	12.49
PM ₁₀	12.33
PM _{2.5}	11.74
SO ₂	13.16
H ₂ S	0.08
NH ₃	5.30
HCl	4.37
ACN	15.79
Methanol	56.73
Total HAPs	>10/25

The facilities included in this application will be controlled by low NO_x burners, selective catalytic reduction, regenerative thermal oxidizer, good combustion/best management practices, and the implementation of a TCEQ leak detection and repair program.