

## Plain Language Summary for New Source Review (NSR) Initial Application for Air New Source Review Permit Number 169664

*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.*

Ethox TX, LLC (CN606039154) has submitted an application for initial permit number 169664. The Ethox TX, LLC – Pasadena Facility (RN111308094) will produce/manufacture specialty chemicals at 5121 Underwood Road, Pasadena, Harris County.

This permit will authorize the Pasadena Project, consisting of a chemical manufacturing unit – along with associated utilities, raw materials and product storage tanks, and transfer piping. Ethox TX, LLC 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.

<b>Pollutant</b>	<b>Proposed Emissions (tons per year)</b>
Volatile Organic Compounds (VOC)	8.33
Nitrogen Oxides (NOx)	6.23
Carbon Monoxide (CO)	6.99
Particulate Matter, 10 microns or less (PM <sub>10</sub> )	1.74
Particulate Matter, 2.5 microns or less (PM <sub>2.5</sub> )	1.74
Sulfur Dioxide (SO <sub>2</sub> )	0.23
Formaldehyde	0.01
Other HAPs	0.75

Emissions from the new facilities will be controlled by scrubbers, a leak detection and repair (LDAR) control program for fugitives, drift eliminators and monthly monitoring for the cooling water tower, EPA-certified diesel engines that will be emergency use only, and ultra low NOx burners in the package boiler. There will be no flares or biological wastewater treatment unit at the facility.