

**Plain Language Summary for New Source Review (NSR) Amendment  
Application for Air New Source Review Permit Number 150950**

*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.*

INEOS Styrolution America, LLC (CN603252479) has submitted an application for an amendment to permit number 150950. The Bayport Facility ASA Unit (RN100542224) produces/manufactures organic chemicals at 12222 Port Road, Pasadena, Harris County.

This amendment will authorize updates to the representations of the emissions from existing sources at a polymer plant due to changes that occurred during final construction of the unit. INEOS Styrolution America, LLC is revising the amount of natural gas burned in the flare, the particular matter less than ten (10) microns and particular matter less than 2.5 microns emitted from the thermal oxidizer, as well as temperatures, molecular weights, physical construction properties, and fill rates on several tanks, and the flowrate on the dust collectors all to represent the actual equipment that was built at the ASA Unit. INEOS Styrolution America, LLC 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.

<b>Pollutant</b>	<b>Permitted Emissions (tons per year)</b>	<b>Emissions Added/Removed (tons per year)</b>	<b>Total Proposed Emissions (tons per year)</b>
VOC	12.58	7.84	20.42
PM	14.73	2.64	17.37
PM <sub>10</sub>	3.00	5.99	8.99
PM <sub>2.5</sub>	2.41	5.26	7.67
NO <sub>x</sub>	10.80	1.19	11.99
CO	43.01	5.49	48.50
SO <sub>2</sub>	0.07	0.01	0.07
NH <sub>3</sub>	3.24	0.00	3.24

The new and/or modified facilities will be controlled by burning the gases which lowers what is going into the air and by collecting the particles/dust in filters.