

## Plain Language Summary for New Source Review (NSR) Amendment Application for Air New Source Review Permit Number 41945

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.

BASF TotalEnergies Petrochemicals LLC (CN604166967) has submitted an application for an amendment to permit number 41945. The C4 Olefins Complex (RN100216977) will produce/manufacture industrial organic chemicals at State Highway 366, Gate 99, Port Arthur, Jefferson County.

This amendment will authorize additional natural gas to the Low-Pressure and High-Pressure Flares. BASF TotalEnergies Petrochemicals 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	122.08	2.43	124.51
NOX	36.76	12.30	49.06
CO	186.75	63.38	250.13
SO2	19.92	2.62	22.54
H2S	0.07	0.03	0.10

The additional natural gas will be burned in the flares, which lowers what emissions are going to the air.