

**Plain Language Summary for New Source Review (NSR) Amendment Application for Air  
New Source Review Permit Number 102982**

*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 an amendment to permit number 102982. The BOP-2X Unit will produce/manufacture olefins at ExxonMobil’s Baytown Olefins Plant (RN102212925) located at 3525 Decker Drive, Baytown, Harris County.

This amendment will authorize a project that will increase production of olefins at the BOP-2X Unit. This primarily affects emissions by the addition of a new furnace. Exxon Mobil Corporation has listed in the application the pollutants and amounts that will be emitted for each new or modified 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 new or modified facilities in permit number 102982.

<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	114.55	31.20	145.75
PM	90.36	26.14	116.50
PM <sub>10</sub>	78.40	23.80	102.20
PM <sub>2.5</sub>	73.27	22.62	95.89
NO <sub>x</sub>	155.58	31.92	187.50
CO	735.91	152.49	888.40
SO <sub>2</sub>	5.16	1.51	6.67
NH <sub>3</sub>	82.77	11.64	94.41
H <sub>2</sub> SO <sub>4</sub>	0.39	0.14	0.53

The new and/or modified facilities will be controlled through a combination of the use of low sulfur fuels, good combustion practices, and add-on Selective Catalytic Reduction for NO<sub>x</sub> control to reduce what is emitted into the air.