

Plain Language Summary for New Source Review (NSR) Renewal Amendment Application for Air New Source Review Permit Number 3275A

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.

Indorama Ventures Oxides LLC (Indorama) (CN605743038) has submitted an application for renewal of and amendment to Permit No. 3275A. The Dayton Plant (RN100225721) produces/manufactures surfactants and specialty chemicals at 3892 US-90 West, Dayton, Liberty County.

This renewal will authorize the continued operation of operations at the Dayton Plant that consist of reaction and blending vessels of various capacities, associated storage tanks (raw material, intermediate, and final product), material loading/unloading facilities, and other ancillary equipment including boilers, process heaters, cooling towers, air pollution control devices (flare and scrubber), and a wastewater treatment unit. In addition, the tank emission calculations are being updated to utilize current EPA guidance. The amendment will authorize the removal of storage tank sources TD-993 and TE-933 from the Total Storage Tank cap; the removal of Caustic Storage Tank EPN TD-953; the removal of wastewater sources TD-3200B, TD-3600, TD-3700, TD-954A, and TD-954B from the All Wastewater Sources cap; the removal of Propane Tank EPN PROPANETK1; and update the chemical flexibility at the Dayton Plant as required in Special Condition 5 of Permit No. 3275A. Existing registered permits by rule are being incorporated by consolidation with the amendment. Indorama 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.

Pollutant	Permitted Emissions (tons per year)	Emissions Added/Deleted (tons per year)	Total Proposed Emissions (tons per year)
VOC	20.00	0.00	20.00
NOx	21.04	1.10	22.14
CO	60.17	0.92	61.09
SO2	0.29	0.01	0.30
PM	1.57	0.09	1.66
PM10	1.56	0.09	1.65
PM2.5	1.56	0.09	1.65

The facilities being renewed are controlled by a flare, a scrubber, utilization of good combustion practices, proper equipment design, and implementation of a leak detection and repair program.