

Plain Language Summary for New Source Review (NSR) Renewal Amendment Application for Air New Source Review Permit Number 20203

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.

Formosa Plastics Corporation, Texas (CN600130017) has submitted an application for renewal and amendment to Permit Number 20203. The Linear Low-Density Polyethylene (LLDPE) Plant (RN100218973) produces LLDPE at 201 Formosa Drive, Point Comfort, Calhoun County, with some process operations, occurring within the contiguous plant site but in the adjacent Jackson County.

This renewal will authorize the continued operation of the LLDPE Plant to product LLDPE. The amendment with authorize updated fugitive component counts, increase the total dissolved solids in the cooling water, and update calculation methodology for bag filters. Formosa Plastics Corporation, Texas 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.

Pollutants	Permitted Emissions (Tons Per Year)	Emissions Added/Deleted (Tons Per Year)	Total Proposed Emissions (Tons Per Year)
VOC	173.68	8.94	182.62
PM	21.20	4.38	25.58
PM10	20.41	0.71	21.12
PM2.5	18.34	-0.19	18.15
NOx	38.49	0.00	38.49
CO	97.62	0.00	97.62
SO2	0.12	0.00	0.12
Pb	0.00	0.00	0.00
Inorganic Compounds	0.00	0.31	0.31
Chlorine Compounds	0.00	0.01	0.01

The facilities being renewed and modified facilities are controlled by routing routine process vent streams to combustion control devices and bag filters/cyclones. VOC and organic compound emissions from Maintenance, Startup and Shutdown (MSS) operations will likewise be controlled in combustion control devices. The combustion control devices will include modern, highly effective thermal oxidizers and elevated flares. Fugitive emissions will be minimized by implementing a formal Leak Detection and Repair (LDAR) program. Emission control systems will be operated and maintained using Good Engineering Practices to meet all regulatory standards.