

Plain Language Summary for New Source Review (NSR) Renewal/Amendment Application for Air New Source Review Permit Number 2699A

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.

CITGO Refining and Chemicals Company L.P. (CN600127922) has submitted an application for renewal of and amendment to permit number 2699A. The CITGO Corpus Christi Refinery East Plant (RN102555166) is an integrated petroleum refinery. Crude oil is delivered to the refinery via pipeline, then processed and refined into various petrochemical products and commercial petroleum products such as propane, gasoline, jet fuel, diesel fuel, and petrochemical products. The CITGO Corpus Christi Refinery East Plant is located at 1801 Nueces Bay Blvd., Corpus Christi, Nueces County.

This renewal will authorize the continued operation of the storage tanks, heaters/boilers, process vents, wastewater facilities, cooling towers, flares, and associated ancillary sources (fugitive piping components). The amendment will authorize updated emission representations for certain storage tanks, revise various permit special conditions for purposes of clarification and/or operational flexibility, and incorporate several permits by rule and standard permits. CITGO Refining and Chemicals Company L.P. 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	1073.34	-170.05	953.79
PM	80.28	49.78	132.86
PM ₁₀	101.99	-14.04	90.75
PM _{2.5}	64.74	-1.38	66.16
NO _x	500.91	199.77	702.61
CO	434.99	41.91	482.45
SO ₂	259.71	8.75	279.32
Pb	0.00	0.00	0.00
NH ₃	1.87	-1.57	0.30
H ₂ S	16.09	-9.31	6.82
HCl	0.11	0.00	0.11
Cl ₂	0.72	0.00	0.72
COS	2.19	0.00	2.19
CS ₂	2.76	0.00	2.76
NaOH	0.04	-0.02	0.02
HF	0.34	0.00	0.34
Benzene	6.29	4.90	11.19

The facilities being renewed are controlled by floating roof tanks where applicable, carbon adsorption systems, flares, TCEQ's LDAR program, compliance with federal regulations, incinerators, drift elimination systems, and vapor combustion units. The new and/or modified facilities will be controlled by the same control techniques.