

Plain Language Summary for New Source Review (NSR) Renewal Application for Air New Source Review Permit Number 260

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.

Arkema Inc. (CN600124044) has submitted an application for renewal of permit number 260. The Clear Lake Plant (RN104150123) produces/manufactures industrial organic chemicals at 9502 Bayport Blvd, Pasadena, Harris County.

This renewal will incorporate Permit-By-Rules and authorize the continued operation of the Acrylic Acid (AA) and Glacial Acrylic Acid (GAA) Units and associated equipment. Arkema Inc. 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/Removed (tons per year)	Total Proposed Emissions (tons per year)
VOC	84.97	--	84.97
PM	58.63	--	58.63
PM ₁₀	58.63	--	58.63
PM _{2.5}	58.63	--	58.63
NO _x	162.10	--	162.10
CO	119.08	--	119.08
SO ₂	2.56	--	2.56
Methyl Acetate	2.86	--	2.86
I ₂	1.42	--	1.42
HI	11.59	--	11.59
Cl ₂	11.68	--	11.68
HCl	4.06	--	4.06
NH ₃	3.95	--	3.95
Sulfuric Acid	33.33	--	33.33

The facilities being renewed are controlled by incinerators, flares, and best management practices. There are no new and/or modified facilities requested in this application. Fugitive emissions will be controlled through implementation of a leak detection and repair program.