

Plain Language Summary for New Source Review (NSR) Amendment Application for Air New Source Review Permit Number 165103

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.

Roehm America LLC (CN605887744) has submitted an application for an amendment to permit number 165103. The Roehm America Bay City Site (RN11258877) will manufacture methyl methacrylate at 2001 Farm to Market Road 3057, Bay City, Matagorda County.

This amendment will authorize updates to previously approved construction plans for the site. Roehm America LLC 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)
Volatile Organic Compounds (VOC)	128.82	7.20	136.02
Nitrogen Oxides (NO _x)	115.22	21.03	136.25
Carbon Monoxide (CO)	240.58	49.14	289.72
Sulfur Dioxide (SO ₂)	16.34	18.87	35.21
Particulate Matter (PM)	24.20	9.68	33.88
Particulate Matter with an aerodynamic diameter of 10 microns or less (PM ₁₀)	13.06	9.68	22.74
Particulate Matter with an aerodynamic diameter of 2.5 microns or less (PM _{2.5})	11.06	9.68	20.74
Ammonia (NH ₃)	5.55	5.86	11.41
Sulfuric Acid Mist (H ₂ SO ₄)	0.02	0	0.02

The new and/or modified facilities will be controlled by an incinerator or flare to destroy process gases, leak detection and repair programs to minimize piping leaks, filters on a cooling tower to limit mist, and low emissions burners and/or catalysts on the incinerator and boilers.