

Plain Language Summary for New Source Review (NSR) Renewal Amendment

Application for Air New Source Review Permit Number 118239 / N200

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.

Yara Freeport LLC (CN604830976) has submitted an application for renewal of and amendment to permit number 118239 / N200. The Ammonia Production Unit (RN100218049) produces/manufactures ammonia for use at the Freeport Site, located at 602 Copper Rd. in Freeport, Brazoria County.

This renewal will authorize the continued operation of fugitive emissions associated with the production of ammonia, a flare, a cooling tower, an emergency generator, a startup heater, and auxiliary tanks. The amendment will authorize updates to the emission representations for the startup heater and the Maintenance, Startup, and Shutdown activities. Yara Freeport 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/Deleted (tons per year)	Total Proposed Emissions (tons per year)
VOC	0.27	-0.03	0.24
PM	2.04	-	2.04
PM ₁₀	1.08	-	1.08
PM _{2.5}	0.14	-	0.14
NO _x	20.92	-4.19	16.72
CO	2.37	0.49	2.86
SO ₂	0.07	-0.03	0.04
NH ₃	7.39	0.28	7.67

The facilities being renewed are controlled by a flare. The new and/or modified facilities will be controlled by a flare.