

**Plain Language Summary for New Source Review (NSR) Renewal Amendment
Application for Air New Source Review Permit No. 9513A**

BASF Corporation (CN600124895) has submitted an application for renewal of and amendment to permit number 9513A. The Acrylic Acids and Esters (AAE) Units 2 & 3 within the BASF Freeport Site (RN100218049) produces/manufactures acrylic acid and esters at 602 Copper Road, Freeport, TX 77541, Brazoria County.

The renewal will authorize the continued operation of AAE 2 & 3 Units. The amendment will authorize updates to the representations of the Off-gas Flare to include alternate operating scenario during incinerator downtime and reduced emissions from the cooling tower reflecting the upgrades completed to the drift eliminators. BASF 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)
NOx	470.47	0.01	470.48
CO	266.71	0.08	266.79
PM	144.14	-10.52	133.62
PM10	137.92	-5.06	132.86
PM2.5	87.25	-0.02	87.23
VOC	21.36	0.09	21.45
SOx	127.25	0.00	127.25
H2S	<0.01	0.00	<0.01
NH3	0.01	0.09	0.10
Acrylic Acid	3.10	0.29	3.39
Butyl Acrylate	0.05	0.02	0.07

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