Plain Language Summary for New Source Review (NSR) Renewal Application for Air New Source Review Permit Number 2487

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.

Ketjen Limited Liability Company (CN606211746) has submitted an application for renewal of permit number 2487. The Bayport Plant/North Hydroprocessing Catalyst (HPC-North) Unit (RN100211523) produces/manufactures alumina-based catalysts for petroleum refining and petrochemical applications at 13000 Bay Park Road, Pasadena, Harris County. This renewal will authorize the continued operation of the HPC-North unit, including alumina preparation, catalyst forming and processing, raw material storage, packaging, and associated emission controls. Ketjen Limited Liability Company has listed in the application the pollutants and amounts that will be emitted for each facility. Below is the total amount for each pollutant that is proposed to be emitted each year for all the facilities.

Pollutant	Total Amount Allowed (tons per year)
VOC	3.53
PM	8.74
PM_{10}	8.74
$PM_{2.5}$	8.74
NO_x	75.58
CO	27.62
SO_2	0.21
HNO_3	0.10
NH_3	3.47
HAPs	< 10 single HAP, < 25 aggregate HAPs

The facilities being renewed continue to be controlled by particulate filtration and collection systems, enclosed material-handling and packaging operations, and a NOx scrubber.