Plain Language Summary for New Source Review (NSR) Renewal Amendment Application for Air New Source Review Permit Number 19624

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.

Nippon Chemical Texas Inc. (NTCI) (CN600569701) has submitted an application for renewal of and amendment to permit number 19624. The Bayport Plant (RN102887270) produces/manufactures specialty chemicals such as ethylidene norbornene (ENB) and specialty aromatic solvents (SAS) at 10500 Bay Area Blvd., Pasadena, Harris County.

This renewal will authorize the continued operation of several process systems including the SAS Unit, Dicyclopentadiene (DCPD) Unit, 2C-100 System, ENB2 Unit, and ENB3 Unit along with associated support facilities of storage tanks, truck and railcar loading / unloading, process heaters and boilers, flares, and cooling towers. In addition, the tank emission calculations are being updated to utilize current EPA guidance. The amendment will remove Boiler 1 (EPN H-3), authorize the update to flow representations for Flare 1 (EPN FL-1), and adjust the long-term carbon monoxide (CO) emission factor for the heaters and boilers (EPNs H-1, and H-3 through H-8). Existing standard permits and registered and unregistered permits by rule are being incorporated by consolidation with the amendment. NCTI 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	64.21	2.04	66.25
NOx	46.86	-5.51	41.35
CO	118.64	-23.88	94.76
SO2	1.61	-0.01	1.60
PM	11.46	-0.12	11.34
PM10	11.46	-0.12	11.34
PM2.5	11.46	-0.12	11.34

The facilities being renewed are controlled by flares, utilization of good combustion practices, proper equipment design, use of low-NOx burners, and implementation of a leak detection and repair program.