

**Plain Language Summary for New Source Review (NSR) Renewal Amendment
Application for Air New Source Review Permit Number 723**

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.

Rohm and Haas Texas Incorporated (CN605605831) has submitted an application for renewal of and amendment to permit number 723. The N-Area unit produces/manufactures hydrogen cyanide and acetone cyanohydrin, and is located at the Rohm and Haas Deer Park Plant (RN100223205) at 1900 Tidal Road, Deer Park, Harris County.

This renewal will authorize the continued operation of the N-Area production unit, which includes heaters, converters, separation and recovery operations, storage and loading. The amendment will authorize updates to permit representations for heaters, flares, storage tanks, and fugitive area. Rohm and Haas 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)
CO	376.07	-13.54	362.53
NO _x	66.96	-0.25	66.71
PM	6.90	0	6.90
PM ₁₀	4.72	0	4.72
PM _{2.5}	1.36	0	1.35
SO ₂	0.07	0	0.07
VOC	17.78	2.04	19.82
Acetone	14.31	6.08	20.39
NH ₃	50.93	-0.03	50.90
HCN	21.11	1.55	22.66
H ₂ SO ₄	0.03	0	0.03

The facilities being renewed/amended continue to be controlled by flares.