

**Plain Language Summary for New Source Review (NSR) Amendment  
Application for Air New Source Review Permit Number 37979**

*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.*

American Acryl, L.P. (CN600731756) has submitted an application for an amendment to permit number 37979. The Acrylic Acid Plant (RN101379287) produces/manufactures acrylic acid at 4631 Old Highway 146, Pasadena, Harris County.

This amendment incorporates PBR No. 164564, as required by Special Condition 31.A. In addition, this application requests a revision in the annual average and hourly NOx emission factor based on CEMs data collected during production campaigns using higher-grade propylene feed.

American Acryl, L.P. 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.

<b>Pollutant</b>	<b>Permitted Emissions (tons per year)</b>	<b>Emissions Added/Deleted (tons per year)</b>	<b>Total Proposed Emissions (tons per year)</b>
VOC	47.83	0	47.83
PM	25.68	0	25.68
PM <sub>10</sub>	25.68	0	25.68
PM <sub>2.5</sub>	25.68	0	25.68
NO <sub>x</sub>	50.71	11.44	62.15
CO	68.18	0	68.18
SO <sub>2</sub>	37.16	0	37.16
Pb	0	0	0
NH <sub>3</sub>	5.25	0	5.25
HAPs	16.39	0	16.39
Hydrazine Hydrate	0.65	0	0.65

The AA Thermal Oxidizer (EPN THOX-Y1170) utilizes Low-NOx burner technology to control NOx emissions.