

**Plain Language Summary for New Source Review (NSR) Renewal  
Application for Air New Source Review Permit Number 18251**

*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.*

Ascend Performance Materials Texas Inc. "Ascend" (CN604255158) has submitted an application for renewal of permit number 18251. The Chocolate Bayou plant (RN100238682) produces/manufactures acrylonitrile at F.M. 2917, Alvin, Brazoria County.

This renewal will authorize the continued operation of Acrylonitrile Units 2/3. Ascend 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.

<b>Pollutant</b>	<b>Proposed Emissions (tons per year)</b>
VOC	144.93
PM	31.61
PM <sub>10</sub>	31.61
PM <sub>2.5</sub>	31.61
NO <sub>x</sub>	391.26
CO	358.26
SO <sub>2</sub>	57.11
Pb	0.00
ACN	21.27
AN	21.67
HCN	24.64
Acrylic Acid	1.92
Propylene	20.60
MeOH	18.32
Benzene	3.77
ACR	8.88
Acrylamide	1.59
Ethylene	0.02
NH <sub>3</sub>	15.20
H <sub>2</sub> SO <sub>4</sub>	0.06

The facilities being renewed continue to be controlled by waste heat boilers, water scrubbers and flares.