

## Plain Language Summary for New Source Review (NSR) Renewal Amendment Application for Air New Source Review Permit Number 48895

*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 and amendment to permit number 48895. Permit number 48895 authorizes the Environmental Control and Utilities Unit at Ascend's Chocolate Bayou Plant (RN 100238682) which produces/manufactures various chemicals on FM 2917, approximately 7 miles south of the intersection of Highway 35 and FM 2917 and 1.5 miles to the right on Monsanto Road, in *Alvin, Brazoria County*.

This renewal will authorize the continued operation of the Environmental Control and Utilities Unit which includes the auxiliary utility systems that support operations at the Chocolate Bayou Plant. This unit contains cooling towers, a boiler for steam generation and an injection well pretreatment system which includes wastewater storage tanks. The amendment will authorize the incorporation of permits by rule related to the permit, revision of emissions calculation bases and revision of permit language. *Ascend* 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	18.46	0.00	20.81
PM	13.23	0.00	25.04
PM <sub>10</sub>	0.01	0.00	7.47
PM <sub>2.5</sub>	0.01	0.00	0.04
NO <sub>x</sub>	100.01	0.00	100.01
CO	146.11	0.00	146.11
SO <sub>2</sub>	1.04	0.00	1.04
AN	35.76	-0.2	35.59
HCN	2.19	-4.44E-16	2.22
NH <sub>3</sub>	0	0	0.08

The facilities being renewed continue to be controlled by floating roofs on the wastewater storage tanks; monitoring piping components for leaks; and proper maintenance, good engineering practice, monitoring, and the use of low sulfur natural gas fuel in the boilers.