

**Plain Language Summary for New Source Review (NSR) Amendment
Application for Air New Source Review Permit Number 111948**

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.

Ingenia Polymers, Inc. (CN 602932154) has submitted an application for an amendment to permit number 111948. The Ingenia Compounded Polymers Facility (RN 104785464) will produce/manufacture compounded polymer resin pellets at 2222 Appelt Drive, Houston, Harris County.

This amendment will authorize the addition of a compounded polymer production line in the North building at the Ingenia Polymers-Houston site; the new unit will mix polyethylene pellets with one or more mineral fillers, additives and carbon black then extrude the compounded plastic resin into pellets to be shipped to customers. Ingenia Polymers, Inc. 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/Removed (tons per year)	Total Proposed Emissions (tons per year)
Particulate Matter (PM)	4.20	3.58	7.78
Particulate Matter (PM ₁₀)	4.20	3.58	7.78
Particulate Matter (PM _{2.5})	0.21	0.18	0.39

The new and/or modified facilities will be controlled by fabric filter media panels and a baghouse dust collector for particulate matter emissions control.