Plain Language Summary for New Source Review (NSR) Initial Application for Air New Source Review Permit Number 184805

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.

Hertha Chalyx LLC (CN606542157) has submitted an application for initial permit number 184805. The Hertha Chalyx HPI Commercial Plant (RN112496997) will produce/manufacture high purity iron at 100 North Farm-to-Market Road 3083 East, Conroe, Montgomery County.

This permit will authorize a high purity iron foundry melting iron ore using a electric arc furnace. Hertha Chalyx LLC 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.

Pollutant	**Proposed Emissions (tons per year)**
CO	14.235
NOx	3.9858
PM	0.578432911
PM10	0.216712311
PM2.5	0.192653511

The new facilities will be controlled by using a baghouse, watering and production limits**.**