

Plain Language Summary

New Source Review (NSR) Initial Application for Air New Source Review Permit Number 173665

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.

Air Products LLC (CN602299257) has submitted an application for initial permit number 173665. The Texas City Hydrogen Carbon Monoxide Facility (RN111793386) will produce/manufacture hydrogen, carbon monoxide, and steam at 201 Bay Street South, Texas City, Galveston County.

This permit will authorize Air Products to construct, own, and operate a new hydrogen/carbon monoxide (HyCO) production plant at the new/grassroots Texas City facility. Air Products 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)
VOC	5.56
CO	98.77
NO _x	21.80
SO ₂	0.64
PM	10.88
PM ₁₀	7.00
PM _{2.5}	4.33
H ₂ S	<0.01
NH ₃	4.17
HCN	5.21
HAPs	0.05

The new facilities will be controlled by a warm flare and a cold flare.

TCEQ – (APD-ID 104v1.0, Revised 04/22) Plain Language Summary for NSR Initial (English)
This form is for use by sources subject to air quality permit requirements and may be revised periodically.