Plain Language Summary for New Source Review (NSR) Renewal Certification Application for Air New Source Review Permit Number 56134

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 Liquide Large Industries U.S. LP (CN600300693) has submitted an application for renewal of permit number 56134. The Longview POx ASU Plant (RN101925592) produces/manufactures Industrial Gases at 2292 Callahan Road, Longview, Harrison County.

This renewal will authorize the continued operation of the process heaters, partial oxidation (POx) reactors, and supporting utilities such as cooling towers and piping. Air Liquide Large Industries U.S. LP has certified there will be no changes to the permit. The following permitted emission rates will remain the same.

Pollutant	Total Amount Allowed (tons per year)
Nitrogen Oxides (NOx)	39.62
Volatile Organic Compounds (VOC)	10.89
Carbon Monoxide (CO)	130.88
Sulfur Dioxide (SO ₂)	1.06
Particulate Matter (PM)	8.65
Particulate Matter Less Than 10 Microns (PM ₁₀)	8.62
Particulate Matter Less Than 2.5 Microns (PM _{2.5})	8.47

The facilities being renewed continue to be controlled by burners that operate in low-nitrogen oxide (low-NOx) mode and good combustion practices, for the heaters. The cooling towers use drift elimination technology to minimize particulate emissions and routinely monitor for leaks of process materials into the cooling water, to minimize evaporation of volatile organic compounds (VOCs) into the air. Emissions of VOCs from piping are minimized since the industrial gases at this site have low-VOC content. The facility's flares capture and control gases that are removed from the facility's piping, reactors, and other vessels when they undergo necessary maintenance, startup, or shutdown (MSS) activities. These flares control MSS gases to at least 98%.