

Plain Language Summary for New Source Review (NSR) Renewal Application for Air New Source Review Permit Number 18072

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.

ARLANXEO USA LLC (CN605127042) has submitted an application for renewal of permit number 18072. The ARLANXEO Orange Site (RN100825363) produces/manufactures synthetic rubber at 4647 Farm-to-Market Road 1006, Orange, Orange County, 77630.

This renewal will authorize the continued operation of the Therban Process Unit, including carbon adsorbers, a cooling tower, and piping fugitives. ARLANXEO USA 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)
Volatile organic compounds (VOC)	10.89
Particulate matter (PM)	0.33
Particulate matter less than or equal to 10 micrometers in diameter (PM ₁₀)	0.16
Particulate matter less than or equal to 2.5 micrometers in diameter (PM _{2.5})	0.01
Hazardous air pollutants (HAPs)	Less than 10.89

The facilities being renewed continue to be controlled by carbon adsorbers and process flare as applicable.