

## Plain Language Summary for New Source Review (NSR) Renewal Application for Air New Source Review Permit Number 19297

*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.*

Linde Inc. CN600130645 has submitted an application for renewal of permit number 19297. The Texas City Hydrogen Complex RN104095435 produces/manufactures hydrogen and steam at 1720 Grant Avenue. Gate 16, Texas City, Galveston County.

This renewal will authorize the continued operation of *two hydrogen production units (HU3, and HU4) and a compressor station to distribute product to customers via pipeline*. Linde Inc. 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               | 22.88                              |
| PM <sub>10</sub>  | 21.10                              |
| PM <sub>2.5</sub> | 0.94                               |
| NO <sub>x</sub>   | 49.61                              |
| CO                | 181.17                             |
| SO <sub>2</sub>   | 31.77                              |
| NH3 (ammonia)     | 38.53                              |

The facilities being renewed continue to be controlled by [*where applicable, gases are burned off which lowers what is going into the air*].