

## Plain Language Summary for New Source Review (NSR) Initial Application for Air New Source Review Permit Number 169687

*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.*

OCI Clean Ammonia LLC (CN606039899) has submitted an application for initial permit number 169687. The Ammonia Production Facility (RN111536918) will produce/manufacture ammonia in Beaumont, Jefferson County and will be located at the following directions: from I-10 and HWY90, take I-10 W and keep right at fork, continue on US287/US69/US96 S for approximately 6 miles. Exit right onto TX347 E for approximately 4 miles. The site is on the right.

This permit will authorize construction of a new ammonia production facility with associated utility and support systems. The new ammonia facility will produce an expected 3,000 metric tons per day of liquid anhydrous ammonia from hydrogen and nitrogen imported via pipeline from third-party suppliers. The finished ammonia will be recovered and processed to meet anhydrous ammonia product specifications and sent offsite via pipeline for offsite storage and transportation to third-party customers. OCI Clean Ammonia 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.

<b>Pollutant</b>	<b>Proposed Emissions (tons per year)</b>
CO	58.92
NO <sub>x</sub>	30.22
PM	4.58
PM <sub>10</sub>	2.76
PM <sub>2.5</sub>	0.95
SO <sub>2</sub>	4.00
VOC	4.51
NH <sub>3</sub>	51.06

The new facilities will be controlled by one elevated flare which will manage ammonia vapors and other organic compounds vented from the production process and other vessels during facility operations. The flare operates by burning off gases which lowers what is going into the air. Best management and good combustion practices will be implemented at the facility. The ammonia production facility will also produce process wastewater that will be treated in a small wastewater treatment plant on site.