

Plain Language Summary for New Source Review (NSR) Renewal Amendment Application for Air New Source Review Permit Number 4691

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.

Nouryon Surface Chemistry LLC (CN601580566) has submitted an application for renewal of and amendment to NSR Permit No. 4691. The Nouryon Surface Chemistry Fort Worth Surfactant Manufacturing Facility (RN100699834) manufactures surfactants. The site is located at 611 E Northside Dr, Fort Worth, TX 76164, Tarrant Co.

This renewal will authorize the continued operation of batch operations producing sodium sulfonate surfactants. The products are purified and sold in aqueous form or dried and sold in powdered form. Existing registered and unregistered permits by rule are being incorporated including two cooling towers. In addition, the tank emission calculations and other emissions estimates are being updated to utilize current EPA guidance and updated process knowledge. Nouryon Surface Chemistry LLC has listed in the application the pollutants and amounts that will be emitted for each facility. Below is the current amount allowed, the amount to be added or removed, and the total amount for each pollutant that is proposed to be emitted each year for all the facilities.

Pollutant	Permitted Emissions (tons per year)	Emissions Added/Deleted (tons per year)	Total Proposed Emissions (tons per year)
VOC	24.90	0	24.90
NOx	24.90	0	24.90
CO	88.85	-41.85	47.00
SO2	1.10	-0.60	0.50
SO3	0.37	0.06	0.43
PM	31.73	-10.90	20.85
PM10	31.73	-12.56	19.19
PM2.5	31.73	-30.74	0.99
HCHO	8.49	-5.96	2.53
H2SO4	2.20	-2.19	0.01
MSA	0.02	-0.02	0
PHTA	0.21	-0.21	0
Naphthalene	0.25	0.67	0.42

The facilities being renewed are controlled by a scrubber/boiler system and baghouses control for particulate matter (PM), as applicable.