

Plain Language Summary for New Source Review (NSR) Renewal Application for Air New Source Review Permit Number 5261

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.

Texas Instruments Incorporated (TI) (CN600261416) submitted an application for renewal of permit number 5261. The Sherman Wafer Fabrication Facility (RN103064853) produces/manufactures semiconductor wafers at 6412 U.S. Highway 75 South, Sherman, Grayson County

This renewal will authorize the continued operation of the wafer fabrication facilities. TI 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	86.07
PM	30.29
PM ₁₀	23.44
PM _{2.5}	21.19
NO _x	74.13
CO	73.07
SO ₂	0.63
Pb	0.00
Exempt Solvents	80.92
GIC	46.79
N ₂ O	88.31
Exempt VOC	9.91
IC	21.19
Any HAP	10.00
All HAPS	25.00

The facilities being renewed continue to be controlled by RCTOs, which capture and destroy VOCs before being emitted into the air, and scrubbers, which clean gases with a liquid solution to remove pollutants.