

**Plain Language Summary for New Source Review (NSR) Renewal Amendment
Application for Air New Source Review Permit Number 17684**

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.

Tower Semiconductor of San Antonio, Inc. (Tower) (CN605119163) has submitted an application for renewal of and amendment to permit number 17684. The San Antonio Plant (RN100579069) produces/manufactures microchips at 9651 Westover Hills Blvd. San Antonio, Bexar County.

This renewal will authorize the continued operation of the semiconductor fabrication operations at the San Antonio Plant. The amendment will authorize updates to the fabrication emission rates and representations based on current expected fabrication material usage rates. Tower 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)
PM	0.72	0.49	1.21
PM10	0.72	0.49	1.21
PM2.5	0.72	0.49	1.21
VOC	15.81	2.37	18.18
Exempt Solvent	0.32	16.20	16.52
Reactant	8.31	-0.95	7.36
NOx	13.61	-2.23	11.38
CO	8.03	0.21	8.24
SO2	0.19	-0.10	0.09
Individual HAP	10.00	0.00	10.00
All HAP	25.00	0.00	25.00

The facilities being renewed are controlled by wet scrubbers, acid scrubbers, ammonia scrubbers, and thermal oxidizers, reducing what is released into the air. The modified facilities will continue to be controlled by thermal oxidizers and scrubbers.