

## Plain Language Summary for New Source Review (NSR) Renewal Amendment Application for Air New Source Review Permit Number 25956

*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.*

Qorvo Texas, LLC (CN604566075) has submitted an application for the renewal and amendment of Permit Number 25956. The Richardson Semiconductor Facility (RN100794015) manufactures high- performance semiconductor products for communication applications at 500 W. Renner Rd., Richardson, Collin County.

This renewal/amendment will authorize the continued operation of the semiconductor fabrication operations, two rotor concentrator/thermal oxidizers, scrubbers, boilers, an emergency generator, and a fire pump. The amendment will authorize a overall decrease in emissions from the site. Qorvo Texas, 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.

<b>Pollutant</b>	<b>Permitted Emissions (tons per year)</b>	<b>Emissions Added/Deleted (tons per year)</b>	<b>Total Proposed Emissions (tons per year)</b>
VOC	28.76	-9.76	19.00
PM	2.60	-0.02	2.58
PM10	2.60	-0.02	2.58
PM2.5	2.60	-0.02	2.58
NOx	20.13	0.00	20.13
CO	34.91	0.00	34.91
SO2	8.62	0.00	8.62
Exempt Solvents	4.19	-2.04	2.15
Inorganics	12.17	-5.04	7.13
Individual HAPs	<10	0	<10
Total HAPs	<25	0	<25

The facilities being renewed are controlled by rotor concentrators/thermal oxidizers and scrubbers, reducing what is released into the air. The new and/or modified facilities will continue to be controlled by rotor concentrators/thermal oxidizers and scrubbers.