

Plain Language Summary for New Source Review (NSR) Renewal Amendment Application for Air New Source Review Permit Number 23344

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.

3M Company (CN600291397) has submitted an application for renewal of and amendment to permit number 23344. The 3M Brownwood Facility (RN100219005) produces/manufactures glass beads at 4501 Highway 377 South, Brownwood, Brown County.

This renewal will authorize the continued operation of all sources associated with bead production including dryers, furnaces, flame formers, heat treaters, vacuums, coating operations, fugitives, and other sources necessary to the process. The amendment will authorize a new material to be used in the furnace and flame formers. 3M Company 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	29.24	-25.50	7.33
PM	52.51	-23.17	33.09
PM ₁₀	52.51	-23.23	31.79
PM _{2.5}	52.51	-23.26	31.76
NO _x	246.27	-49.39	199.52
CO	30.22	-22.77	8.76
SO ₂	1.56	159.75	161.34
Pb	0.00	0.00	0.00
Exempt Solvent	22.94	-22.72	0.29

The facilities being renewed are controlled by filters, baghouses, and/or electrostatic precipitators. The new and/or modified facilities will be controlled by filters, baghouses, and/or electrostatic precipitators.