

Plain Language Summary for New Source Review (NSR) Renewal Application for Air New Source Review Permit Number 70386

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.

RSM Co. (CN603711987) has submitted an application for renewal of permit number 70386. The RSM Main Mote Plant (RN101937159) is a Cotton mote processing facility located at 1320 East Division St, Slaton, Lubbock County.

This renewal will authorize the continued operation of a Cotton Mote processing facility. This facility is a processor of raw motes from area cotton gins. The cotton motes brought into the facility and dried using hot air heated by gas burners. The dried motes are then sent through cleaners to remove leaf, stem, burrs and other plant material. This material removed is temporarily stored on-site and periodically removed by truck. The cleaned motes then move through lint cleaners where additional lint trash (pills) are removed. Material removed from these lint cleaners is packaged into a Pill bale. The cleaned Mote then travels to a Press and is packaged into a Mote bale. The bales are periodically removed by truck. RSM Co. 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)
PM	81.70
PM10	30.26
PM2.5	2.20
VOC	0.06
NOx	1.05
SO2	0.01
CO	0.88

The facilities being renewed continue to be controlled by high efficiency cyclones, small mesh screen and drum filter. These devices remove the particulate matter from the air to reduce emissions.