

Plain Language Summary for New Source Review (NSR) Renewal Amendment Application for Air New Source Review Permit Number 50438

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.

H & M Plating Company, Inc. (CN600583561) has submitted an application for renewal of and amendment to permit number 50438. The H & M Plating Company (RN100910603] produces/manufactures Hard Chromium Electroplating and Thermal Metal Spray Coating at 6035 Plainview, Houston, Harris County, Texas 77087.

This renewal will authorize the continued operation of the existing hard chromium electroplating facility and the existing thermal Metal Spray Coating operations. The amendment will authorize one additional Thermal Metal Spray Coating unit to increase the capacity of the existing process. H & M Plating, Inc. 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	0.11	0.04	0.15
PM	0.17	0.02	0.09
PM10	0.07	0.02	0.09
PM2.5	0.07	0.02	0.09
NOx	0.48	0.18	0.66
CO	0.20	0.04	0.24
SO2	0.02	0.00	0.02
Pb	0.00	0.00	0.00
Cr	0.00104941	6.31E-06	0.00105572
NI	0.00003466	0.0000189	0.00005356
W	0.0003984	0.000136	0.0005344

The facilities being renewed are controlled by lateral exhaust capture systems to mesh pad mist elimination systems for Chromic Acid and totally enclosed booths with cartridge filter systems for thermal metal spray coating systems. The new and/or modified facilities will be controlled by totally enclosed booths with cartridge filter systems.