

Plain Language Summary for New Source Review (NSR) Renewal

Application for Air New Source Review Permit Number 5709

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.

MarathonNorco Aerospace, Inc (CN CN603058512) has submitted an application for renewal of permit number 5709. The Nickel & Cadmium Battery Manufacturing Facility (RN RN102087749) produces/manufactures nickel and cadmium batteries at 8301 Imperial Dr., Waco, McLennan County.

This renewal will authorize the continued operation of the battery manufacturing site. MarathonNorco Aerospace, Inc. 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)
Volatile Organic Compound (VOC)	1.72
Nitrogen Oxides (NO _x)	0.51
Carbon Monoxide (CO)	0.26
Particulate Matter (PM)	0.20
Particulate Matter less than 10 microns (PM ₁₀)	0.20
Particulate Matter less than 2.5 microns (PM _{2.5})	0.04
Sulfur Dioxide (SO ₂)	<0.01
2-Butoxyethanol	<0.01
Acrylic Acid	0.40
Cadmium	<0.01
Nitric Acid	0.02
Sodium Hydroxide	<0.01
Nickel	<0.01
Phenol	0.02

The facilities being renewed continue to be controlled by the following measures:

- **Spray Booth:** VOC emissions from the paint spray booth are controlled by using paint that has a low VOC content which limits the amount of VOC evaporating to the atmosphere.
- **Abrasive Blasting:** Particulate matter emissions generated by these activities are controlled through fabric filtration baghouses and/or cartridge filters which are proven technologies for particulate control.
- **Assembly:** Emissions associated with clean room assembly operations are controlled through use of a high efficiency particulate air (HEPA) filtration system which is a proven technology for particulate control.
- **Vessels:** Emissions from various vessels are controlled through use of various wet scrubbers. Wet scrubbers are a proven technology for control of various air pollutants.
- **Combustion Sources:** Each combustion source is controlled by using pipeline quality natural gas which is considered a "clean" fuel as compared to liquid fuels due to its low sulfur content.
- **Cell Case Sealing:** Emissions from Cell Case Sealing are limited by minimizing the amount of phenol used which limits what is available to volatilize to the atmosphere.
- **Wastewater Evaporation:** Emissions from evaporating wastewater are limited by minimizing the amount of VOC content in the wastewater which is sent to be evaporated.