Title V Air Operation Permit Revision
Permit No. 0310099-018-AV

APPLICANT

The applicant for this project is United States Marine Corps, Marine Corps Support Facility – Blount Island. The applicant's responsible official and mailing address are: Kim Weisenburger, United States Marine Corps, 5880 Channel View Blvd., Building 100, Room 110, Jacksonville, Florida 32226.

FACILITY DESCRIPTION

This facility is a freight shipping container, military combat equipment, and aircraft ground support equipment maintenance facility. The facility operations include abrasive blasting and surface coating operations.

PROJECT DESCRIPTION

This permit is to revise Title V Air Operation Permit No. 0310099-015-AV.

PROCESSING SCHEDULE AND RELATED DOCUMENTS

Title V Air Operation Permit No. 0310099-018-AV
Application for a Title V Air Operation Permit Renewal received September 25, 2014
Notice of Intent to Issue Air Permit issued **[Month day, year]**
Public Notice Published **[Month day, year]**

PRIMARY REGULATORY REQUIREMENTS

Title III: The facility is not identified as a major source of hazardous air pollutants (HAP).

Title V: The facility is a Title V major source of air pollution in accordance with Chapter 62-213, Florida Administrative Code (F.A.C.).

PSD: The facility is not a Prevention of Significant Deterioration (PSD)-major source of air pollution in accordance with Rule 62-212.400, F.A.C.

NSPS: The facility does operate units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60 and 40 CFR 60, Subpart A, NSPS General Provisions.

EU009- Emergency Diesel Engine Generators: 40 CFR 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

EU012- Emergency Propane Engine Generator B-390: 40 CFR 60, Subpart JJJJ, Standards of Performance for Stationary Spark Ignition Internal Combustion Engines

NESHAP: The facility does operates units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63.

EU009- Emergency Diesel Engine Generators: 40 CFR 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

EU011- Emergency Propane Engine Generators: 40 CFR 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

EU012- Emergency Propane Engine Generator B-390: 40 CFR 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

CAIR: The facility is not subject to the Clean Air Interstate Rule (CAIR) set forth in Rule 62-296.470, F.A.C.

CAM: Compliance Assurance Monitoring (CAM) applies to EU008.

The control technology description and monitoring approach for EU008 is summarized as follows:

PM emissions are controlled by two identical cartridge type dust collectors. The effectiveness of the dust collectors is evaluated by monitoring the presence of visible emissions from each dust collector exhaust. The visible emissions are checked daily by persons familiar with EPA Method 9, when the unit is operating. The time, date and name of observer is recorded with each observation. An excursion is defined as the presence of any visible emissions. Excursions trigger an inspection, corrective action, and a report requirement.

PROJECT REVIEW

This project revises Title V Air Operation Permit No. 0310099-015-AV to incorporate the conditions of Air Construction Permit No. 0310099-012-AC and to add an emergency generator to EU009. Additionally, minor changes in the descriptions and specific conditions for some of the emissions units were included.

The following changes were incorporated:

1. Removal of EU001

2. Modification of EU007, including:
   -- Replacement of Spray Coating Booth No. 1 with Spray Coating Booth No. 5
   -- Increase in allowable VOC emissions from ~~196.0 tons/yr~~ to 245.0 tons/yr
   -- Addition of HAP emissions limitations of 9.5 tons/yr for any single HAP and 24.5 tons/yr for total HAPs.

3. Addition of EU008, including CAM plan

4. Addition to EU009 of a 400 kW Generac Emergency Generator (Building 200)

5. Reformatting the entire permit, added the Combined Appendices and the Statement of Basis (SOB).

CONCLUSION

This project revises Title V Air Operation Permit No. 0310099-015-AV, which was issued on May 30, 2012. This Title V Air Operation Permit Revision is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210 and 62-213 and 214. In accordance with the terms and conditions of this permit, the above named permittee is hereby authorized to operate the facility as shown on the application and approved drawing(s), plans, and other documents on file with the Permitting Authority.