



Carlos A. Gimenez, Mayor

Department of Regulatory and Economic Resources
Environmental Resources Management
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PERMIT NO: AP-003096-2012/2013 (DERM)-GEN
PANTROPIC POWER PRODUCTS, INC.
8205 NW 58 ST
MIAMI, FL 33166-

PERMITTEE:
Mr. Jack Killmer
PANTROPIC POWER, INC.
8205 NW 58 STREET
MIAMI, FL 33166-

AIR POLLUTION ANNUAL OPERATING PERMIT

DESCRIPTION OF FACILITY/EQUIPMENT

This document, issued under the provisions of Chapter 24, Miami-Dade County (Dade County Environmental Protection Ordinance), shall be valid from 14-AUG-2012 through 30-JUN-2013. The above named permittee, is hereby authorized to operate the pollution control facility at the above location which consists of the following:

Heavy Equipment and Machinery manufacturing facility with one waste oil-fired boiler. One (1) Columbia Boiler/Shenandoah Model No. WO-BC 650/60 waste oil-fired boiler; Max Heat Input of 650,000 btu/hr; Max fuel consumption rate of 4.6 gal/hr. Estimated actual emissions: CO 0.0004 TPY, NOX 0.0179 TPY, SO₂ 0.2940 TPY, and VOC 0.0036 TPY. Estimated potential emissions: CO 0.0022 TPY, NOX 0.1010 TPY, SO₂ 1.6500 TPY, and VOC 0.0201 TPY.

This facility is subject to conditions listed below and in the following pages (if any) of this permit.

SPECIFIC CONDITIONS

1. The permittee shall not cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than 20 percent opacity.
2. The permittee shall not cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. An objectionable odor is any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance.
3. Emissions of sulfur dioxide from this facility shall not exceed 0.55 pounds per million BTU per hour of heat input.
4. This permit allows the burning of used oil fuel meeting EPA "on-specification" used oil specifications, with a maximum sulfur content of 1 % percent by weight, and a PCB concentration of less than 50 ppm. Used oil that does not meet the specifications for on-specification used oil shall not be burned at this facility. On-specification used oil shall meet the following specifications: Arsenic 5 ppm, maximum, Cadmium 2 ppm, maximum, Chromium 10 ppm, maximum, Lead 100 ppm, maximum, Flash point 100 F, minimum, and Total halogens 1000 ppm, maximum.
5. If the owner or operator does not receive certification from the marketer as described above, the owner or operator shall sample and analyze each batch of used oil to be burned for the following parameters: Arsenic, cadmium, chromium, lead, total halogens, flash point, and percent sulfur content by weight, ash, and BTU value (BTU per gallon). Testing (sampling, extraction and analysis) shall be performed using approved methods specified in EPA Publication SW-846 (Test Methods for Evaluating Solid Waste, Physical/Chemical Methods), latest edition. If the owner or operator relies on certification from the marketer as described above, the owner or operator

for Mallika Mathias
Lee N. Hefty, Assistant Director
Department of Regulatory and Economic Resources,
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shall, at a minimum, each calendar quarter, sample one load of used oil received, selected at random by the owner or operator, and analyze the sample for the above parameters. If the analytical results show that the used oil does not meet the specification for on-specification used oil, the owner or operator shall: a) immediately notify the Air Facilities Section, RER; b) provide the analytical results for the above parameters; and c) indicate the proposed means of disposal of the used oil.

6. The owner or operator shall maintain records to document the fuel consumption, by type, on an annual basis. The owner or operator shall retain these records, on-site and readily available for RER inspection for a period of at least five (5) years.

GENERAL CONDITIONS

7. The applicant, by acceptance of this document, agrees to operate and maintain the subject operation so as to comply with the requirements of Chapter 24 of the Code of Miami-Dade County.
8. If for any reason, the applicant does not comply with or will be unable to comply with any condition or limitation specified on this document the applicant shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps taken to reduce, eliminate, and prevent recurrence of the non-compliance. The applicant shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this document.
9. As provided in Section 24-15 of the Code of Miami-Dade County, the prior written approval of the Department shall be obtained for any alteration to this facility.
10. The issuance of this document does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. Nor does it relieve the applicant from liability for harm or injury to human health or welfare or property.
11. This document is required to be posted in a conspicuous location at the facility site during the entire period of operation.
12. This document is not transferable. Upon sale or legal transfer of the property or facility covered by this document, the applicant shall notify the department within thirty(30) days. The new owner must apply for a permit within thirty (30) days. The applicant shall be liable for any non-compliance of the source until the transferee applies for and receives a transfer of this document.
13. The applicant, by acceptance of this document, specifically agrees to allow access to the named source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this document and department rules.
14. This document does not indicate a waiver of or approval of any other department permit that may be required for other aspects of this facility.
15. This document does not constitute an approval by the Department or certification that the applicant is in compliance with applicable laws, ordinances, rules or regulations. The applicant acknowledges that separate enforcement actions may be initiated by the Department and that this document does not constitute compliance with orders issued in conjunction with enforcement actions for correction of violations.
16. Failure to comply with any condition of this document, or the requirements of Chapter 24, Code of Miami-Dade County may subject the applicant to the penalty provisions of said Chapter including civil penalties up to \$25,000 per day per offense and/or criminal penalties of \$500 per day or not less than \$1000 per day for violations of Section 24-42.4, Sanitary Sewer Discharge Limitations and Pretreatment Standards and/or sixty (60) days in jail.