

United States Environmental Protection Agency  
Region 10, Office of Air, Waste and Toxics  
AWT-107  
1200 Sixth Avenue  
Seattle, Washington 98101

Permit Number: R10NT500100  
Issued: April 12, 2006  
AFS Plant I.D. Number: 53-077-00076

## Non - Title V Air Quality Operating Permit

This permit is issued in accordance with the provisions of 40 CFR § 49.139 and applicable rules and regulations, to

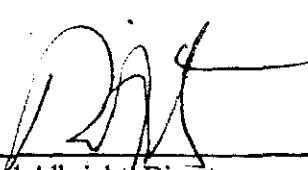
### AMTECH Corporation

for operations in accordance with the conditions listed in this permit, at the following location:

Yakama Reservation  
180 East Jones Road  
Wapato Industrial Park  
Wapato, WA 98951  
Latitude: 46°16' N Longitude: 120° 15' W

Facility Contact: Eleanor Hargrave  
Environmental Manager  
AMTECH Corporation  
406 Railroad Street  
Yelm, WA 98597  
Phone: 509-877-5957, Fax: 509-877-2421  
Email: eleanor@amtechcorp.com

A technical support document that describes the bases for conditions contained in this permit is also available.

 Richard Albright, Director Office of Air, Waste and Toxics U.S. EPA, Region 10	<u>4/12/06</u> Date
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## **1. General Conditions**

- 1.1. The permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Air Act.
- 1.2. Compliance with the terms of this permit does not relieve or exempt the permittee from compliance with other applicable Clean Air Act requirements or other applicable federal requirements, tribal, state or local laws or regulations.
- 1.3. At such time as this source or modification becomes a major stationary source or major modification solely by virtue of a relaxation in Condition 2.1, then the requirements of 40 CFR 52.21(j) through (s) shall apply to the source or modification as though construction had not yet commenced on the source or modification.

## **2. Emission Limits and Work Practice Requirements**

- 2.1. Volatile organic compound (VOC) emissions from this facility shall not exceed 249 tons per year as determined on a rolling, 12-month basis, which shall be determined by calculating the emissions (tons) for each month and adding the emissions (tons) for the previous eleven months. Monthly VOC emissions (tons) shall be determined by multiplying appropriate emission factors (lb/unit) by the recorded monthly operating rates (units/month) and dividing by 2000 (lb/ton). For emission sources, such as tanks, that rely on computer programs to calculate emissions, monthly VOC emissions can be determined by use of the computer program.

## **3. Monitoring and Recordkeeping Requirements**

- 3.1. Each month, the permittee shall calculate and record facility-wide monthly and rolling 12-month total emissions (tons) for all emission units that emit VOC.
- 3.2. The permittee shall track and record the operations and production for each emission unit that emits VOC at the facility, such that facility-wide VOC emissions can be calculated on a monthly and 12-month basis. Records shall include, but not be limited to:
  - 3.2.1. Material purchase records;
  - 3.2.2. Monthly gelcoat usage;
  - 3.2.3. Monthly resin usage in open molding operations;
  - 3.2.4. Monthly quantity of resin or gelcoat mixed;
  - 3.2.5. Number of batches mixed each month;
  - 3.2.6. Monthly solvent usage to clean equipment used in open molding and mixing operations;
  - 3.2.7. Quantity of material stored in open or partially-open containers each month;
  - 3.2.8. Monthly resin usage in repair operations;
  - 3.2.9. Monthly resin usage in closed mold operations;
  - 3.2.10. Monthly usage of components of spa foam;
  - 3.2.11. Monthly usage of each coating or solvent used in the spray booth;
  - 3.2.12. Monthly usage of each material used in support activities;
  - 3.2.13. Monthly natural gas usage;
  - 3.2.14. Material Safety Data Sheets;
  - 3.2.15. Emission factors used;
  - 3.2.16. Vapor pressure of materials stored in the tank;
  - 3.2.17. Parameters used to determine emission factors; and
  - 3.2.18. Any other information used to determine monthly facility emissions of VOC.

- 3.3. The permittee shall maintain records of emission calculations and parameters used to calculate emissions for at least five years.

#### **4. Reporting Requirements**

- 4.1. Once each year, on or before December 31, the permittee shall, along with the annual registration required by 40 CFR § 49.138(e)(2), submit to EPA a report containing the twelve monthly rolling 12-month emissions calculations for the previous calendar year.
- 4.2. The report required under Condition 4.1 shall contain a description of all emissions estimating methods used, including emission factors and their sources, a summary of materials usage and VOC content, assumptions made and production data.