

Bill No. 8660-14

No. 14-15-OR

AN ORDINANCE

An Ordinance of the Council of the County of Allegheny ratifying amendments to Allegheny County Health Department Rules and Regulations pursuant to Section 12011 of the Local Health Administration Law, 16 P.S. §12001 et seq.

Whereas, Allegheny County, pursuant to the Local Health Administration Law, 16 P.S. §12001 et seq., created the Allegheny County Health Department, and the Allegheny County Board of Health; and

Whereas, the Local Health Administration Law at Section 12011 provides for the Board of Health to adopt regulations and submit such regulations to Allegheny County for approval or rejection; and

Whereas, on November 5, 2014, the Allegheny County Board of Health adopted the attached amendments to the Allegheny County Health Department Rules and Regulations, Article XXI, "AIR POLLUTION CONTROL;" and

Whereas, it is the desire of Council to ratify the Allegheny County Health Department regulation amendments as approved by the Board of Health.

The Council of the County of Allegheny hereby resolves as follows:

SECTION 1. Incorporation of Preamble.

The provisions set forth in the preamble to this Ordinance are incorporated by reference in their entirety herein.

SECTION 2. Ratification of Regulations.

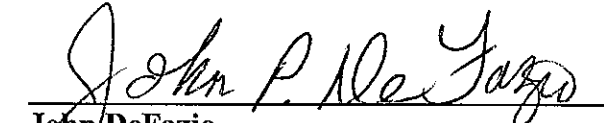
Acting pursuant to the Local Health Administration Law and the Allegheny County Home Rule Charter, County Council hereby ratifies the specific amendments to Article XXI, entitled "AIR POLLUTION CONTROL," of the Allegheny County Health Department Rules and Regulations as set forth in the document attached hereto as Exhibit A," entitled **§2105.86 Control Of VOCs From Fiberglass Boat Manufacturing Materials**

SECTION 3. Severability. If any provision of this Ordinance shall be determined to be unlawful, invalid, void or unenforceable, then that provision shall be considered severable from the remaining provisions of this Resolution which shall be in full force and effect.

SECTION 4. Repealer. Any Resolution or Ordinance or part thereof conflicting with the provisions of this Ordinance is hereby repealed so far as the same affects this Resolution.

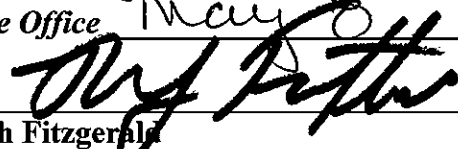
Enacted in Council, this 5th day of May, ~~2014~~ 2015

Council Agenda No. 8660-14.


John DeFazio
President of Council

Attest: 
Chief Clerk of Council

Chief Executive Office May 8, 2015

Approved: 
Rich Fitzgerald
Chief Executive

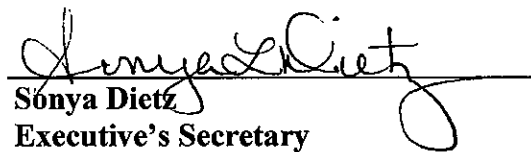
Attest: 
Sonya Dietz
Executive's Secretary

EXHIBIT "A"

PROPOSED REVISION

**Allegheny County Health Department
Rules and Regulations
Article XXI, Air Pollution Control**

§2105.86 Control Of VOCs From Fiberglass Boat Manufacturing Materials

(This proposed revision will also be submitted to the Pennsylvania DEP and U.S. EPA as a revision to Allegheny County's portion of the Pennsylvania State Implementation Plan for the Attainment and Maintenance of the National Ambient Air Quality Standards. Revision Tracking No. 74 - Supplemental.)

Proposed Regulation Revision – Addition of Table 2105.86

Additions are shown in **larger font and bolded**.

§2105.86 CONTROL OF VOC EMISSIONS FROM FIBERGLASS BOAT

MANUFACTURING MATERIALS *{Added May 29, 2013, effective June 8, 2013. Amended Month, Day, 2014, effective Month, Day, 2014}*

- a. **Applicability.** Beginning January 1, 2014, this section applies to the owner or operator of a fiberglass boat manufacturing facility, where the total actual VOC emissions from fiberglass boat manufacturing materials, including related cleaning activities, at that facility are equal to or greater than 15 pounds (6.8 kilograms) per day or 2.7 tons (2,455 kilograms) per twelve month rolling period, before controls. This regulation applies to facilities that manufacture hulls or decks of boats from fiberglass, or build molds to make fiberglass boat hulls or decks. This regulation does not apply to facilities that manufacture solely fiberglass parts of boats such as hatches, seats, lockers, or boat trailers.
- b. **Exemptions.** This regulation does not extend to surface coatings applied to fiberglass boats, and industrial adhesives used in the assembly of fiberglass boats. Surface coating for fiberglass and metal recreational boats, also called pleasure crafts, are addressed in regulation § 2105.83 CONTROL OF VOC EMISSIONS FROM MISCELLANEOUS METAL AND/OR PLASTIC PARTS SURFACE COATING PROCESSES. Industrial adhesives used in fiberglass boat assembly are addressed in regulation § 2105.85 CONTROL OF VOC EMISSIONS FROM MISCELLANEOUS INDUSTRIAL ADHESIVES.
- c. **Limitations.** A person may not cause or permit the emission into the outdoor atmosphere of VOCs from fiberglass boat manufacturing materials, unless one of the following limitations is met:
 1. Fiberglass boat manufacturing facilities shall use resins and/or gel coats that are equal to or less than the applicable weighted average monomer VOC content limit specified in Table 2105.86 and the non-monomer VOC limit shall not exceed 5 percent, by weight, of resin and/or gel coat.
 - A. The weighted average monomer VOC content shall be calculated as follows:

$$\text{Weighted Average Monomer VOC Content} = \frac{\sum (M_i * \text{VOC}_i)}{\sum (M_i)}$$

Where:

M_i = Mass of open molding resin or gel coat i used in the past 12 months in an operation in pounds (kg)

VOC_i = Monomer VOC content, by weight percent, of open molding resin or gel coat i used in the past 12 months in an operation

- d. **Records.** A facility, regardless of the facility's annual emission rate, which uses fiberglass boat manufacturing materials, shall maintain records sufficient to demonstrate compliance with this section. At a minimum, a facility shall maintain daily records of:
1. The following parameters for each material either resin and/or gel as supplied:
 - A. The name and identification number of each resin and/or gel;
 - B. The volume used;
 - C. The mass of materials used;
 - D. The monomer VOC content, by weight percent, of resin or gel coat used;
 - E. The non-monomer VOC content, by weight percent, of each resin or gel coat;
- The records shall be maintained for 2 years and shall be submitted to the Department on a schedule reasonably prescribed by the Department.
- e. **Cleaning Material Standards.** The VOC content of cleaning solvents employed for routine application equipment cleaning shall contain a maximum of 5 percent VOC, by weight, or have a composite partial vapor pressure of no more than 0.50 mm Hg at sixty-eight degrees Fahrenheit. Only non-VOC solvents shall be used to remove cured resin and gel coat from application equipment.
- f. **Work Practice Standards.** All resin and gel coat mixing containers with a capacity equal to or greater than 208 liters (55 gallons), including those used for onsite mixing of putties and polyputties, have a cover with no visible gaps in place at all times. This work practice standard does not apply when material is being manually added to or removed from a container, or when mixing or pumping equipment is being placed in or removed from a container.
- g. **Measurements.** Measurements of the volatile fraction of resin and gels, used at fiberglass boat manufacturing facilities shall be performed according to the applicable procedures established in §2107.04 of this Article.

Executive Summary

Change to Article XXI, Section 2105.86, “Control of VOC Emissions from Fiberglass Boat Manufacturing Materials,”

(Supplement to State Implementation Plan (SIP) Revision 74)

The ACHD Air Quality Program is proposing to update Article XXI, Section 2105.86, “Control of VOC Emissions from Fiberglass Boat Manufacturing Materials,” by adding Table 2105.86, “Monomer VOC Content Limitations for Open Molding Resin and Gel Coat Operations.”

When Section 2105.86 was originally approved in 2013, the table was inadvertently omitted. This regulation was subsequently submitted to the U.S. EPA as a SIP Revision. During the course of conducting its review, EPA discovered that the table was missing. EPA offered a "conditional approval" of the SIP submittal if ACHD, within one year, amends and submits a revised Section 2105.86 that includes the table.

To this end, the proposed change has been the subject of a public comment period, including a public hearing held on October 14, 2014. There were no comments, and the Board of Health granted final approval to this regulation on November 5, 2014.

MEMORANDUM
OFFICE OF THE COUNTY MANAGER

TO: Jared E. Barker
Allegheny County Council

FROM: William D. McKain CPA
County Manager

DATE: November 26, 2014

RE: Proposed Ordinance

Attached is an Ordinance ratifying amendments to Allegheny County Health Department Rules and Regulations pursuant to Section 12011 of the Local Health Administration Law, 16 P.S. §12001 et seq.

The Allegheny County Law Department has reviewed this legislation prior to submitting it to Council.

I am requesting that this item be placed on the agenda at the next Regular Meeting of Council.

COUNCIL

ALLEGHENY COUNTY

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