Bill No. 13581-25

No. 23-25-OR

AN ORDINANCE

An Ordinance of the Council of the County of Allegheny ratifying amendments to §2105.10, "Surface Coating Processes," §2105.18.b, "Dry Cleaning Facilities-Petroleum Solvent Dry Cleaning Facilities," and §2101.20, "Definitions," as well as the addition of §2105.19A, "Synthetic Organic Chemical Manufacturing Industry-Air Oxidation, Distillation and Reactor Processes," of the Allegheny County Health Department Rules and Regulations, Article XXI, "Air Pollution Control."

Whereas, Allegheny County, pursuant to the Pennsylvania Local Health Administration Law, 16 P.S. §§ 12001 – 12028, created the Allegheny County Health Department, and the Allegheny County Board of Health; and

Whereas, the Allegheny County Health Department regulates air quality under authority granted to it via the Pennsylvania Air Pollution Control Act, 35 P.S. §§ 4001 – 4106, and its implementing regulations; and

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

Whereas, on March 19, 2025, during its regularly scheduled public meeting, the Allegheny County Board of Health adopted by affirmative vote the attached amendments to §2105.10, "Surface Coating Processes," §2105.18.b, "Dry Cleaning Facilities-Petroleum Solvent Dry Cleaning Facilities," and §2101.20, "Definitions," as well as the addition of §2105.19A, "Synthetic Organic Chemical Manufacturing Industry-Air Oxidation, Distillation and Reactor Processes," of 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 Pennsylvania Local Health Administration Law and the Allegheny County Home Rule Charter, County Council hereby ratifies the amendments to the Allegheny County Health Department Rules and Regulations, Article XXI, "Air Pollution Control", attached hereto as Exhibit "A."

SECTION 4. ***Severability.***

If any provision of this Resolution 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 5. ***Repealer.***

Any Resolution or Ordinance or part thereof conflicting with the provisions of this Resolution is hereby repealed so far as the same affects this Resolution.

SECTION 6. ***Effective Date.***

This Resolution shall enter into effect immediately upon its approval.

Enacted in Council, this 21st *day of* October, *2025.*

Council Agenda No. 13581-25.

Patrick J. Catena
President of Council

Attest:

Jared Baker
Chief Clerk of Council

Chief Executive Office November 5, *2025.*

Approved:

Sara Innamorato
Chief Executive

Attest:

John Fournier
County Manager

I hereby certify that, Bill No. 13581-25 was passed for Executive signature by Council on October 21, 2025 and delivered to the Office of the County Manager on October 22, 2025. Because 13581-25 was not returned with the Chief Executive's signature until November 5, 2025, it is deemed enacted by operation of law as of October 29, 2025, in accordance with the provisions of Article IV, §5(i) of the Home Rule Charter of Allegheny County.

Jared E. Barker, Chief Clerk
Allegheny County Council

EXHIBIT "A"

PROPOSED REVISION

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

§2101.20, Definitions

§2105.10, Surface Coating Processes;

§2105.18.b, Dry Cleaning Facilities –Petroleum Solvent Dry Cleaning Facilities; and

§2105.19A, Synthetic Organic Chemical Manufacturing Industry – Air Oxidation, Distillation and Reactor Processes.

(Note: These regulation revisions will also be submitted to the Pennsylvania Department of Environmental Protection (DEP) and to the United States Environmental Protection Agency (U.S. EPA) as a revision to the Allegheny County Portion of the Pennsylvania State Implementation Plan. Revision Tracking No. 103.)

{Document Date: 4/1/2025}

Proposed Article XXI Revisions

Deletions are shown with ~~strikethroughs~~.
Additions are shown in **larger font, bolded, and underlined.**

PART A - GENERAL

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§2101.20 DEFINITIONS {unless specifically indicated, all definitions effective October 20, 1995}

Whenever used in this Article, or in any action taken pursuant to this Article, the following words and phrases shall have the meanings stated, unless the context clearly indicates otherwise. Except as specifically provided in this Article, terms used in this Article retain the meaning accorded them under the applicable provisions and requirements of the Clean Air Act.

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"Confined space" means a space that is the following: *{effective July 10, 2003}*

a. Large enough and so configured that an employee can enter and perform assigned work;
b. Has limited or restricted means for entry or exit--for example, fuel tanks, fuel vessels, and other spaces that have limited means of entry; and
c. Not suitable for continuous employee occupancy.

"Consume" means the amount of petroleum solvent purchased less the amount of petroleum solvent sent for disposal or returned for recycling during a calendar year. ***{Added by mm/dd/2025 amendment, effective mm/dd/2025.}***

"Container of coating" means the bucket, pot, can or other holder from which the coating is applied. ***{Added by mm/dd/2025 amendment, effective mm/dd/2025.}***

"Containers and conveyors of solvent" means piping, ductwork, pumps, storage tanks, and other ancillary equipment that are associated with the installation and operation of **petroleum dry cleaning** washers, dryers, filters, stills, and settling tanks. ***{Amended mm/dd/2025, effective mm/dd/2025.}***

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"Drum" means any cylindrical metal shipping container which has a capacity between 12 and 110 gallons (45.4 and 416.4 liters).

"Dry cleaning" means a process for the cleaning of textiles and fabric products in which articles are washed in a nonaqueous solution (solvent) and then dried by exposure to a heated air stream. *{Added by mm/dd/2025 amendment, effective mm/dd/2025.}*

"Dry cleaning facility" means a facility engaged in the cleaning of fabrics in an essentially nonaqueous solvent by means of one or more washes in solvent, extraction of excess solvent by spinning, and drying by tumbling in an airstream. The facility includes, but is not limited to, any washer, dryer, filter, and purification systems, waste disposal systems, holding tanks, pumps, and attendant piping and valves.

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"High-silica abrasive" means an abrasive which contains equal to or greater than five percent (5%), by weight, of free silica (silicon dioxide, SiO_2).

"High temperature coating" means **for purposes of §2105.74,** an aerospace vehicle or component coating designed to withstand temperatures of more than 350°F. *{Effective July 10, 2003. **Amended mm/dd/2025, effective mm/dd/2025.}***

"HMIWI" or **"HMIWI unit"** means hospital/medical/infectious waste incinerator. *{added by November 19, 1998 amendment, effective September 1, 1999}*

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"Nontraditional source" means a source of air contaminants other than emissions from process equipment, fuel-burning or combustion equipment, air pollution control equipment, incinerators, materials handling, or mobile source exhausts including, but not limited to, exposed earth, roadways, parking lots, construction activities, demolition, and mining.

"Nonvolatiles" means substances that do not evaporate readily. The term: *{Added by mm/dd/2025 amendment, effective mm/dd/2025.}*

a. Refers to the film-forming material of a coating.

b. Is also known as solids.

"Normally closed" means a container or piping system that remains closed unless an operator is actively engaged in adding or removing material. *{Added by mm/dd/2025 amendment, effective mm/dd/2025.}*

"Normally closed container" means a container that is closed unless an operator is actively engaged in activities such as emptying or filling the container. *{effective July 10, 2003}*

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"Petroleum solvents" means organic material solvents produced by petroleum distillation, comprising a hydrocarbon range of mainly eight (8) to 12 carbon atoms per organic molecule

that exist as a liquid under standard conditions, that are used as cleaning agents in the petroleum solvent dry cleaning industry. *{Amended mm/dd/2025, effective mm/dd/2025.}*

"Petroleum solvent dry cleaning" means a process for the cleaning of fabrics with a petroleum solvent by means of one or more washings in solvent, extraction of excess solvent, and drying by exposure to a heated air stream. A petroleum solvent dry cleaning facility includes, but is not limited to, washers, dryers, solvent filters and purification systems, waste disposal systems, holding tanks, pumps, and attendant piping and valves.

"Petroleum solvent recovery dryer" means a class of dry-cleaning dryers that employs a condenser to liquify and recover petroleum solvent vapors evaporated in a closed-loop, recirculating stream of heated air. *{Added by mm/dd/2025 amendment, effective mm/dd/2025.}*

"Pharmaceutical tablet coating" means a process for the application of an essentially non-medicinal, protective coating to a pharmaceutical product.

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"Specialized function coating" means a coating applied to aerospace vehicles or components that fulfills extremely specific engineering requirements that are limited in application and are characterized by low volume usage. This category excludes coatings included in other specialty coating categories. *{effective July 10, 2003}*

"Specialty coating" means:

a. **For purposes of §2105.74**, a coating applied to aerospace vehicles or components that, even though it meets the definition of a primer, topcoat, or self-priming topcoat, has additional performance criteria beyond those of primers, topcoats, and self-priming topcoats for specific applications. These performance criteria ~~may include, but are not limited to,~~ **include** temperature or fire resistance, substrate compatibility, antireflection, temporary protection or marking, sealing, adhesively joining substrates, or enhanced corrosion protection. *{effective July 10, 2003. Amended mm/dd/2025, effective mm/dd/2025.}*

b. **For purposes of shipbuilding and ship repair coatings under 25 Pa. Code § 129.52, a coating that is manufactured or used for one of the specialized shipbuilding and ship repair coating applications listed in § 129.52, Table I, coating categories 12(ii)(a)—(v).** *{Added by mm/dd/2025 amendment, effective mm/dd/2025.}*

"Specification fuel" means any waste-derived liquid fuel that meets the specifications in Part E of this Article.

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"Thermal control coating" means a coating formulated with specific thermal conductive or radiative properties to permit temperature control of the aerospace vehicle or component

substrate. *{effective July 10, 2003}*

"Thinner" means**:** *{effective July 10, 2003. **Amended mm/dd/2025, effective mm/dd/2025.}*

...a. ~~a~~ A volatile liquid that is used to dilute coatings (to reduce viscosity, color strength or solids content or to modify drying conditions).

b. For purposes of shipbuilding and ship repair coatings under 25 Pa. Code § 129.52, a liquid that is used to reduce the viscosity of a coating and that evaporates before or during the cure of a film.

c. The term includes diluent, makeup solvent, **thinning solvent** or reducer.

"Thinning ratio" means the volumetric ratio of thinner to coating, as supplied.
{Added by mm/dd/2025 amendment, effective mm/dd/2025.}

"Tileboard" means a premium interior wall paneling product made of hardboard that is used in high moisture areas of the home including kitchens and bathrooms. Tileboard meets the specifications for Class I hardboard approved by the American National Standards Institute. *{effective January 1, 2011}*

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PART E - SOURCE EMISSION AND OPERATING STANDARDS

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SUBPART 1 - VOC SOURCES

§2105.10 SURFACE COATING PROCESSES *{modified July 10, 2003. Paragraphs a.1 &2 added May 14, 2010 effective May 24, 2010. Paragraphs a.3 &4 added May 29, 2013 effective June 8, 2013. Subsection b amended October 26, 2022, effective November 5, 2022.* ***Subsections a and c, and Table 2105.10 amended mm/dd/2025, effective mm/dd/2025.}***

a. **Applicability**. This section applies **as follows** to **the owner and operator of** a**:**

1. **S**surface coating process category **listed in Table 2105.10, categories 1-4, 8, and 11** , regardless of the size of the facility, which emits or has emitted VOCs into the outdoor atmosphere in quantities greater than 3 pounds (1.4 kilograms) per hour, 15 pounds (7 kilograms) per day, or 2.7 tons (2,455 kilograms) per year during any calendar year since January 1, 1987.

2. **Shipbuilding or ship repair facility that has a surface coating operation that uses or applies more than 264 gallons of one or a combination of coatings listed in Table 2105.10, category 12, beginning (blank)(Editor's Note: The blank refers to the effective date of this rulemaking, when published as a final-form rulemaking.)**

A. All terms defined in 25 Pa. Code § 121.1 as, "For purposes of shipbuilding and ship repair coatings under 25 Pa. Code § 129.52, Table I, Category 12," are hereby incorporated by reference, except as explicitly set forth herein. Additions, revisions, or deletions to such regulation by the Commonwealth are incorporated into this Article and are effective on the date established by the state regulations, unless otherwise established by regulation under this Article.

3~~1~~. The limits from §2105.10 and Table 2105.10, number 7 for Metal furniture coating and number 9 for Large appliance coating, no longer apply to the large appliance and metal furniture surface coating process as of January 1, 2011.

4~~2~~. The limits from §2105.10 and Table 2105.10, number 5 for Paper coating, no longer apply to the paper, film, and foil surface coating process as of January 1, 2011.

5~~3~~. The limits from §2105.10 and Table §2105.10, number 10 for Miscellaneous metal parts and products, no longer apply to miscellaneous metal and/or plastic parts surface coating processes as of January 1, 2014.

6~~4~~. The limits from §2105.10 and Table §2105.10, number 6 for Automobile and light duty truck coating, no longer apply to automobile and light-duty truck assembly coatings as of January 1, 2014.

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c. **Records**. ~~A~~ **The owner or operator of a** facility, regardless of the facility's annual emission rate, which contains surface coating processes 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 coating, thinner, and other component as supplied:

   A. The coating, thinner, or component name and identification number;
   B. The volume used;
   C. The mix ratio;
   D. The density or specific gravity;
   E. The weight percent of total volatiles, water, solids, and exempt solvents; and
   F. The volume percent of solids for Table 2105.10 surface coating process categories 1-10.
   G. The volume percent of solids for a Table 2105.10 surface coating process category 12 coating whose VOC content is expressed in units of weight of VOC per volume of coating solids.

2. The VOC content of each coating, thinner, and other component as supplied.
3. The VOC content of each as applied coating.

The records shall be maintained for 2 years and shall be submitted to the Department on a schedule reasonably prescribed by the Department.

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g. **Exempt Other.** The VOC standards in Table 2105.10 do not apply to a coating used exclusively for determining product quality and commercial acceptance, touch-up and repair, and other small quantity coatings if the coating meets the following criteria:

1. The quantity of coating used does not exceed 50 gallons per year for a single coating and a total of 200 gallons per year for all coatings combined for the facility.
2. The owner or operator of the facility requests, in writing, and the Department approves, in writing, the exemption prior to use of the coating.

Table 2105.10
Emission Limits of VOCs in Surface Coatings by Process Category

Weight of VOC per Volume of Coating Solids

	Surface Coating Process Category	lbs VOC per gal coating solids	kg VOC per liter coating solids
1.	Can Coating		
	(a) sheet basecoat	4.62	0.55
	(b) can exterior	4.62	0.55
	(c) interior body spray	10.05	1.20
	(d) two piece can end exterior	10.05	1.20
	(e) side-seam spray	21.92	2.63
	(f) end sealing compound	7.32	0.88
2.	Coil coating	4.02	0.48
3.	Fabric coating	4.84	0.58
4.	Vinyl coating	7.69	0.92
5.	Paper coating	4.84	0.58
6.	Automobile and light duty truck coating		
	(a) prime coat	2.60	0.31
	(b) topcoat	4.62	0.55
	(c) repair	14.14	1.69
7.	Metal furniture coating	5.06	0.61
8.	Magnet wire coating	2.16	0.26
9.	Large appliance coating	4.62	0.55
10.	Miscellaneous metal parts and products		
	(a) topcoats for locomotives and heavy-duty trucks	6.67	0.80
	(b) hopper car and tank car interiors	6.67	0.80
	(c) pail and drum interiors	10.34	1.24
	(d) clear coatings	10.34	1.24
	(e) air-dried coatings	6.67	0.80
	(f) extreme performance coatings	6.67	0.80
	(g) all other coatings	5.06	0.61

Weight of VOC per Weight of Coating Solids

		lbs VOC per lb coating solids	kg VOC per kg coating solids
11.	Wood furniture manufacturing operations		
	(a) topcoats and enamels	3.0	3.0
	(b) washcoat	14.3	14.3
	(c) final repair coat	3.3	3.3
	(d) basecoats	2.2	2.2
	(e) cosmetic specialty coatings	14.3	14.3
	(f) sealers	3.9	3.9

12. Shipbuilding and ship repair coatings

Weight of VOC per Volume of Coating Less Water and Exempt Compounds [a] [b]

		lbs VOC per gallon coating less water and exempt compounds	*grams VOC per liter coating less water and exempt compounds*
(i)	General use, including coal tar epoxy coatings	2.83	340
(ii)	Specialty coating		
	(a) Air flask	2.83	340
	(b) Antenna	4.42	530
	(c) Antifoulant	3.33	400
	(d) Heat resistant	3.50	420
	(e) High-gloss	3.50	420
	(f) High-temperature	4.17	500
	(g) Inorganic zinc high build primer	2.83	340
	(h) Military exterior	2.83	340
	(i) Mist	5.08	610
	(j) Navigational aids	4.58	550
	(k) Nonskid	2.83	340
	(l) Nuclear	3.50	420
	(m) Organic zinc	3.00	360
	(n) Pretreatment wash primer	6.50	780
	(o) Repair and maintenance of thermoplastic coating of commercial vessels	4.58	550
	(p) Rubber camouflage	2.83	340
	(q) Sealant for thermal spray aluminum	5.08	610
	(r) Special marking	4.08	490
	(s) Specialty interior	2.83	340
	(t) Tack	5.08	610
	(u) Undersea weapons systems	2.83	340
	(v) Weld-through preconstruction primer	5.42	650

	Weight of VOC per Volume of Coating Solids [c]				
		At temperature less than 4.5°C (40°F) [d]		*At temperature equal to or greater than 4.5°C (40°F)*	
		lbs VOC per gallon coating solids	*grams VOC per liter coating solids*	*lbs VOC per gallon coating solids*	*grams VOC per liter coating solids*
(i)	General use, including coal tar epoxy coatings	6.07	728	4.76	571
(ii)	Specialty coating				
	(a) Air flask	6.07	728	4.76	571
	(b) Antenna	12.01	1,439	12.01	1,439
	(c) Antifoulant	8.10	971	6.38	765
	(d) Heat resistant	8.92	1,069	7.02	841
	(e) High-gloss	8.92	1,069	7.02	841
	(f) High-temperature	13.33	1,597	10.32	1,237
	(g) Inorganic zinc high build primer	6.07	728	4.76	571
	(h) Military exterior	6.07	728	4.76	571
	(i) Mist	18.64	2,235	18.64	2,235
	(j) Navigational aids	13.33	1,597	13.33	1,597
	(k) Nonskid	6.07	728	4.76	571
	(l) Nuclear	8.92	1,069	7.02	841
	(m) Organic zinc	6.69	802	5.26	630
	(n) Pretreatment wash primer	92.58	11,095	92.58	11,095
	(o) Repair and maintenance of thermoplastic coating of commercial vessels	13.33	1,597	13.32	1,597
	(p) Rubber camouflage	6.07	728	4.76	571
	(q) Sealant for thermal spray aluminum	18.65	2,235	18.65	2,235
	(r) Special marking	9.83	1,178	9.83	1,178
	(s) Specialty interior	6.07	728	4.76	571
	(t) Tack	18.65	2,235	18.65	2,235
	(u) Undersea weapons systems	6.07	728	4.76	571
	(v) Weld-through preconstruction primer	24.07	2,885	24.07	2,885

[a] The limits are expressed in two sets of equivalent units: pounds (lbs) per gallon and grams per liter. Either set of limits may be used to demonstrate compliance.
[b] To convert from grams per liter to pounds (lbs) per gallon, multiply the limit by (3.785 liter/gallon) (1/453.6 pound/gram) or 1/120. For compliance purposes, metric units define the standards.
[c] VOC limits expressed in units of mass of VOC per volume of solids were derived from the VOC limits expressed in units of mass of VOC per volume of coating less water and exempt compounds by assuming the coating contains no water or exempt compounds and that the volumes of all components within the coating are additive.
[d] These limits apply during cold weather time periods, that is, temperatures below 4.5°C (40°F). Cold weather allowances are not given to coatings in categories that allow less than 40% solids (nonvolatiles) content by volume. These coatings are subject to the single limit regardless of weather conditions and temperatures.

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§2105.18 DRY CLEANING FACILITIES

{Subsections a, b & c amended October 26, 2022, effective November 5, 2022. ***Paragraph b.10 added mm/dd/2025, effective mm/dd/2025.****}*

a. **Perchloroethylene Dry Cleaning Facilities.**

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b. **Petroleum Solvent Dry Cleaning Facilities.** This Subsection applies to all petroleum solvent dry cleaning facilities, as defined in §2101.20 of this Article, that consume 100 gallons or more of petroleum solvent on a daily basis.

1. Any person who operates, or allows to be operated, any petroleum solvent dry cleaning dryer subject to this Section shall at all times limit daily VOC emissions to the atmosphere to an average of 3.5 pounds of VOCs per 100 pounds dry weight of articles dry cleaned; or shall install, maintain, and operate a solvent recovery dryer in a manner such that the dryer remains closed and the recovery phase continues until a final recovered solvent flow rate of no more than 50 milliliters per minute is attained and maintained.

2. Any person who operates, or allows to be operated, any petroleum solvent filtration system subject to this Section shall at all times reduce the VOC content in all filtration wastes to one (1) pound or less per 100 pounds dry weight of article dry cleaned, before disposal and possible exposure to the atmosphere; or shall install, maintain, and operate a cartridge filtration system, and drain the filter cartridges in their sealed housings for eight (8) hours or more before their removal.

3. Any person who operates, or allows to be operated, any petroleum solvent dry cleaning facility subject to this Section shall repair all petroleum solvent vapor and liquid leaks within three (3) working days after identifying the sources of the leaks. If necessary repair parts are not in hand, such parts shall be ordered within three (3) working days, and repair the leaks no later than three (3) working days following the arrival of the necessary parts.

4. Any person who operates, or allows to be operated, any petroleum solvent dry cleaning facility subject to this Section shall install, maintain, and operate equipment consistent with manufacturer's specifications and recommendations in order to minimize VOC emissions. In addition, all fugitive VOC emissions from the storage, handling, and transfer of petroleum solvent and petroleum solvent containing materials shall be minimized through employment of

appropriate operating practice or procedures to reduce solvent loss and evaporation to the atmosphere.

5. Any person who operates, or allows to be operated, any affected petroleum solvent dry cleaning facility shall demonstrate compliance as follows:

   A. For any dryer:

      i. Calculate, record, and report to the Department the weight of VOCs vented from the dryer emission control device calculated by using the appropriate method established by Part G of this Article;

      ii. Calculate, record, and report to the Department the dry weight of articles dry cleaned; and

      iii. Repeat Subparagraphs 5.A.i and 5.A.ii above for normal operating conditions that encompass at least 30 dryer loads, which total not less than 4,000 lbs. dry weight, and represent a normal range of variations in fabric, solvents, load weights, temperatures, flow rates, and process deviations;

   B. When a solvent recovery dryer is used, verify that the flow rate of recovered solvent from the solvent recovery dryer at the termination of the recovery phase is no greater than 50 milliliters per minute. This one-time procedure shall be conducted for a duration of no less than two weeks during which no less than 50 percent of the dryer loads shall be monitored for their final recovered solvent rate. The flow rate of recovered solvent shall be measured from the solvent-water separator unless otherwise approved in writing by the Department. Near the end of the recovery cycle, the flow of recovered solvent shall be diverted to a graduated cylinder. The cycle shall continue until the maximum flow of solvent is no more than 50 milliliters per minute. The dry weight and type of article cleaned and the total length of the cycle shall be recorded and reported to the Department; and

   C. Where employing a petroleum solvent filtration system, but not employing cartridge filters:

      i. Calculate, record, and report to the Department the weight of VOCs contained in each of at least five 3-pound samples of filtration waste material taken at intervals of at least one week by employing the appropriate method established by Part G of this Article;

      ii. Calculate, record, and report to the Department the total dry weight of articles dry cleaned during the intervals between removal of filtration waste samples, as well as the total mass of filtration waste produced in the same period; and

      iii. Calculate, record, and report to the Department the weight of VOCs contained in filtration waste material per 100 pounds dry weight of articles dry cleaned.

6. Inspection and maintenance.

   A. Any person who operates, or allows to be operated, any affected petroleum solvent dry cleaning facility shall submit for approval to the Department an inspection and maintenance protocol including daily inspections of washers, dryers, solvent filters, settling tanks, vacuum stills, and all containers and conveyors of petroleum solvent to identify perceptible vapor or liquid leaks. A daily log shall be maintained to record the inspection and maintenance activities conducted under the approved protocol. The log

shall be prepared and maintained in a format to be approved by the Department as part of the approved protocol.

B. Dry cleaning system components found leaking liquid solvent shall be repaired immediately. Pipes, hoses, and fittings shall be examined for active dripping or dampness. Pumps and filters shall be closely inspected for leaks around seals and access covers. There shall be no visible signs of liquid solvent.

C. Solvent vapor leaks shall be controlled by reducing the number of sources where solvent is exposed to the atmosphere. Under no circumstances shall there be any open containers (cans, buckets, barrels) of solvent or solvent-containing material. Equipment containing solvent (washers, dryers, extractors, and filters) shall remain closed at all times other than during maintenance or load transfer. Lint filter and button trap covers shall remain closed except when solvent-laden lint and debris are removed. Gaskets and seals should be inspected and replaced when found weak and defective. Solvent-laden clothes shall never be allowed to set exposed to the atmosphere for longer periods than are necessary for load transfers. Vents on solvent-containing waste and new solvent storage tanks shall be constructed and maintained in a manner that minimizes solvent vapor emissions.

7. Any person who operates, or allows to be operated, any affected petroleum solvent dry cleaning facility shall install, operate, and maintain equipment consistent with manufacturer's specifications and recommendations.

8. Any person who operates, or allows to be operated, any affected petroleum solvent dry cleaning facility shall maintain copies of all manufacturer's specifications and recommendations for dry cleaning equipment operated at the facility and records of operations, inspections, and maintenance such that the Department can determine compliance. These records shall be retained at the facility for a period of at least two (2) years, shall be made available to the Department for inspection and copying upon request, and shall, at a minimum, include:

A. Information on purchases, inventory, and daily consumption of petroleum solvents;

B. Operational information on washers, dryers, and solvent filtration systems, including daily hours of operation, cycle times, and dry weight of articles cleaned; and

C. Information on leak inspections and repairs for all equipment and components handling petroleum solvents.

9. Any person who operates, or allows to be operated, any affected petroleum solvent dry cleaning facility shall submit reports to the Department summarizing information on daily operations, inspections, and maintenance activities, and such other information as is required by the Department to determine compliance, on a schedule and in a form and manner as is prescribed by the Department.

10. Exemption. The owner or operator of a petroleum solvent dry cleaning facility subject to Subsection b claiming exemption from the requirements of Paragraphs b.1 to b.9 shall maintain records of annual solvent consumption onsite for five (5) years to demonstrate that the applicability threshold of Subsection b has not been exceeded.

§2105.19A SYNTHETIC ORGANIC CHEMICAL MANUFACTURING INDUSTRY – AIR OXIDATION, DISTILLATION AND REACTOR PROCESSES

{Section 2105.19A added mm/dd/2025, effective mm/dd/2025.}

a. **Incorporation by Reference. Except as otherwise specifically provided under this Section, this Section shall be applied consistent with the provisions of the state regulation for *Control of VOC Emissions from the Synthetic Organic Chemical Manufacturing Industry – Air Oxidation, Distillation and Reactor Processes* promulgated under the Air Pollution Control Act at 25 Pa. Code § 129.71a and the related definitions at 25 Pa. Code § 121.1 which are hereby incorporated by reference into this Article. Additions, revisions, or deletions to such regulation by the Commonwealth are incorporated into this Article and are effective on the date established by the state regulations, unless otherwise established by regulation under this Article.**

b. **For the purposes of this subsection, references in 25 Pa. Code § 129.71a to:**

   A. **"Department" shall mean Department as defined under this Article;**

   B. **"Facility located in this Commonwealth, shall mean "facility located in Allegheny County;" and**

   C. **"Plan approval" shall mean Installation Permit.**

End of Regulation Changes

LEGISLATIVE SUMMARY

The Allegheny County Health Department (ACHD) Air Quality Program is proposing to amend its regulations with language addressing three United States Environmental Protection Agency (EPA) Control Techniques Guidelines (CTG) source categories:

1. Shipbuilding and Ship Repair surface coating operations;
2. Synthetic Organic Chemical Manufacturing Industry (SOCMI) air oxidation, distillation and reactor processes; and
3. Large Petroleum Solvent Dry Cleaners

These changes are being undertaken so that Article XXI will remain consistent with the Pennsylvania Department of Environment's (PA DEP) recently published regulation revisions for existing 25 Pa. Code Section 129.52 and newly added Sections 129.63b and 129.71a.

By virtue of its Program Plan Approval, the Allegheny County Health Department (ACHD) is required to promulgate the regulations that PA DEP promulgates. This enables ACHD to enforce the new Pennsylvania regulations within Allegheny County and allows for statewide consistency.

See Exhibit "A" and the related Ordinance documentation.

The proposed regulation revisions were the subject of a 30-day public comment period, and a public hearing held on June 13, 2024. No comments were received. The Board of Health granted final approval to the regulation changes by unanimous vote on March 19, 2025.

Upon approval of the proposed regulations by County Council and the Chief Executive, and after the rules are made effective, the revisions to Article XXI will be submitted to PA DEP and the U.S. EPA as a revision to the Allegheny County portion of the Pennsylvania State Implementation Plan.

MEMORANDUM

OFFICE OF THE ALLEGHENY COUNTY EXECUTIVE

TO: Jared Barker
Chief Clerk and Director of Legislative Services
Allegheny County Council

FROM: Ernest Rajakone
Deputy Chief of Staff, Intergovernmental Affairs
Office of Allegheny County Chief Executive Sara Innamorato

CC: John Fournier
County Manager

DATE: June 12, 2025

RE: **ACHD Rules and Regulations – Article XXI**

Please find attached an Ordinance of the Council of the County of Allegheny ratifying amendments to §2105.10, "Surface Coating Processes," §2105.18.b, "Dry Cleaning Facilities-Petroleum Solvent Dry Cleaning Facilities," and §2101.20, "Definitions," as well as the addition of §2105.19A, "Synthetic Organic Chemical Manufacturing Industry-Air Oxidation, Distillation and Reactor Processes," of the Allegheny County Health Department Rules and Regulations, Article XXI, "Air Pollution Control."

The Allegheny County Law Department has reviewed the Ordinance prior to submission to the Council.

On behalf of Allegheny County Chief Executive Sara Innamorato, I am requesting this Ordinance be included on the agenda for introduction at the Regular Meeting of County Council on June 17, 2025.