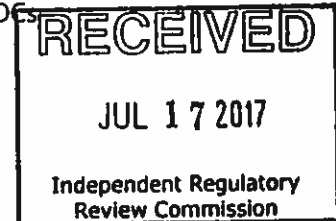


**Stephen Hoffman**

# 3173

**From:** ecomment@pa.gov  
**Sent:** Monday, July 17, 2017 4:23 PM  
**To:** Environment-Committee@pasenate.com; IRRRC; eregop@pahousegop.com; environmentalcommittee@pahouse.net; regcomments@pa.gov; apankake@pasen.gov  
**Cc:** c-jflanagan@pa.gov  
**Subject:** Comment received - Proposed Rulemaking: Control of VOC Emissions from Industrial Cleaning Solvents; General Provisions; Aerospace Manufacturing and Rework; Additional RACT Requirements for Major Sources of NOx and VOCs



**Re: eComment System**

**The Department of Environmental Protection has received the following comments on Proposed Rulemaking: Control of VOC Emissions from Industrial Cleaning Solvents; General Provisions; Aerospace Manufacturing and Rework; Additional RACT Requirements for Major Sources of NOx and VOCs.**

Commenter Information:

Emlyn Vélez Rosa  
US Environmental Protection Agency, Region III ([Velez-Rosa.Emlyn@epa.gov](mailto:Velez-Rosa.Emlyn@epa.gov))  
US Environmental Protection Agency, Region III 1650 Arch Street (3AP30)  
Philadelphia, PA 19103 US

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Comments entered:

To whom it may concern,

Please see attached comments from the U.S. Environmental Protection Agency concerning your proposed SIP revision, as published on June 17, 2017 in the Pennsylvania Bulletin (47 Pa.B. 3356). Should you have any questions, please contact me or my acting supervisor, Cynthia Stahl. The attached comments have also been sent to the Environmental Quality Board via letter.

Regards,  
Emlyn Vélez Rosa  
Environmental Engineer  
Office of Air Program Planning  
Air Protection Division  
US Environmental Protection Agency, Region III  
1650 Arch Street (3AP30)  
Philadelphia, PA 19103

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These links provide access to the attachments provided as part of this comment.

Comments Attachment: [EPA Comments for Industrial Cleaning Solvents CTG Rule.pdf](#)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

JUL 17 2017

Environmental Quality Board  
Pennsylvania Department of Environmental Protection  
P.O. Box 8477  
Harrisburg, Pennsylvania 17105-8477

**Re: Proposed SIP Revision- Proposed Regulation Addressing RACT VOC Controls for Industrial Cleaning Solvents and Related Amendments to the RACT II Rule**

Dear Environmental Quality Board:

Thank you for the opportunity to review and comment on the proposed revision to the Pennsylvania state implementation plan (SIP) addressing reasonably available control technology (RACT) requirements for volatile organic compounds (VOC) from industrial cleaning solvents and other related requirements. On June 17, 2017, the Pennsylvania Department of Environmental Protection (PADEP) proposed this SIP revision, which mainly amends Pennsylvania's regulations in 25 Pa Code to adopt section 129.63a and revise supporting provisions in sections 121.1 and 129.51. The SIP revision also amends related RACT provisions in sections 25 Pa Code 129.96, 129.97, 129.99, and 129.100. A public notice for this proposed rulemaking was published in the *Pennsylvania Bulletin* (47 Pa.B. 3356 *et seq.*), initiating a 30-day public comment period. The U.S. Environmental Protection Agency (EPA) comments are provided in the enclosure to this letter.

We look forward to working with you to resolve these comments. Please contact Ms. Emlyn Vélez-Rosa of my staff, at (215) 814-2038 or [velez-rosa.emlyn@epa.gov](mailto:velez-rosa.emlyn@epa.gov), if you have any questions or concerns regarding these comments.

Sincerely,

A handwritten signature in black ink that reads "Cynthia Stahl".

Cynthia Stahl, Acting Associate Director  
Air Protection Division

Enclosure

cc: Kirit Dalal, Chief, Air Resource Management Division, PADEP

**Randy Bordner, Chief, Stationary Sources Section, PADEP**  
**Sean Wenrich, Chief, New Source Review Section, PADEP**

4/1/18

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**EPA Comments to Pennsylvania's Proposed SIP Revision- Proposed Rule Addressing RACT VOC Controls for Industrial Cleaning Solvents and Related Amendments to the RACT II Rule (47 Pa.B. 3356)**

**Industrial Cleaning Solvent Proposed Rule in 25 Pa Code section 129.63a**

1. The applicability of the emissions limitations and work practice standards under 25 Pa Code subsections 129.63a (e) and 129.63(f) of the proposed regulation are limited to “the owner or operator of a facility at which the total combined actual volatile organic compounds (VOC) emissions from all subject cleaning unit operations at the facility are equal to or greater than 2.7 tons (2,455 kilograms) per 12-month rolling period, before consideration of controls.” For clarity and ease of implementation, the emissions threshold requirement should also be included in the applicability subsection 129.63a(a).
2. The definition provided in subsection 129.63a(b) for “industrial cleaning solvent” is poorly worded and should be revised to be consistent with the applicable control technique guidelines (CTG) document. EPA recommends that PADEP consider the State of Georgia’s definition of “industrial cleaning solvent” in its regulation 391-3-1.02(2)(aaaa) and Page 3-1 of EPA’s CTG for Industrial Cleaning Solvents (EPA-453/R-06-001 2006/09) that includes a more detailed discussion for each activity.
3. PADEP must further justify the exceptions in subsection 129.63a(c)(2), as they are not following EPA’s recommendations in the applicable CTG. Also, PADEP must revise the regulation to clarify the term “noncompliant industrial cleaning solvent” used to describe the exemptions in subsection 129.63a(c)(2). EPA recommends adding either a definition for this term in subsection 129.63a(b) or a clarifying statement as part of subsection 129.63a(c)(2) for this purpose.
4. EPA recommends adding to the regulation a description or definition for each of the cleaning activities that are listed under the definition of “cleaning unit operation”, consistent with Appendix C of EPA’s CTG for Industrial Cleaning Solvents (EPA-453/R-06-001 2006/09).
5. In order to have all the compliance requirements together, EPA recommends moving the provisions in subsection 129.63a(h) regarding the method to estimate the composite vapor pressure from the recordkeeping requirements portion of the regulation to the compliance demonstration requirements in subsection 129.63a(g).
6. PADEP should provide specific monitoring requirements for the operation of a capture system and add-on air pollution control device to ensure adequate compliance with the control requirements in subsection 129.63a(e)(2).

**Proposed Amendments to the RACT II Rule in 25 Pa Code section 129.96**

7. PADEP is proposing amendments to 25 Pa Code section 129.96 with the purpose of changing the applicability of all provisions within the RACT II Rule (25 Pa Code section 129.96-100) to exclude VOC sources subject to 25 Pa Code sections 129.52d, 129.52e, and 129.74. The proposed amendments would not retroactively relieve affected VOC sources of the requirements of the RACT II Rule, which required for already major

nitrogen oxides (NOx) and/or VOC sources to comply by January 1, 2017. Because the requirements in 25 Pa Code sections 129.52d, 129.52e, and 129.74 would also be effective to date, PADEP must specify what RACT should be for those VOC sources subject to both of these requirements.

- a. EPA understands that PADEP's intention to amend section 129.96 is to relieve affected sources from complying with more than one RACT requirement. However, any existing major VOC source subject to the RACT II Rule in accordance with section 129.96 must already be in compliance with any applicable requirements since January 1, 2017. Particularly, 25 Pa Code subsection 129.99(d) required affected VOC sources that are not subject to presumptive requirements in the RACT II Rule to submit RACT proposals by October 24, 2016 in order to establish, and comply with, source-specific VOC RACT limits or requirements by January 1, 2017. The proposed amendments would not retroactively alleviate sources from these requirements of the RACT II Rule.
- b. EPA finds that the proposed amendments to section 129.96 are appropriate for VOC sources subject to 25 Pa Code sections 129.52d, 129.52e, and 129.74 that would become subject to the RACT II Rule in the future. As specified in 25 Pa Code subsection 129.96(b), any new NOx and/or VOC source or any existing NOx and/or VOC source being modified that become a major source, will also be subject to the applicable requirements of the RACT II Rule.
- c. PADEP submitted to EPA its regulations in 25 Pa Code sections 129.52d, 129.52e, and 129.74 for approval into the Pennsylvania SIP to address CTG VOC RACT requirements for different source categories. PADEP also submitted the RACT II Rule as a SIP revision to address RACT for major sources of NOx and VOC. PADEP must clarify the RACT level of control that would apply to VOC sources subject to these two different set of RACT requirements, specifying one set of requirements as RACT. Because PADEP is required under 25 Pa Code subsection 129.99(c) to take action on each RACT proposal received under the RACT II Rule, PADEP should determine RACT on a case-by-case basis for these affected sources when acting on the individual RACT proposals. PADEP should make source-specific RACT determinations for each affected source in light of all applicable control requirements, including CTG RACT requirements such as those in 25 Pa Code sections 129.52d, 129.52e, and/or 129.74. Further, PADEP must require for these affected sources RACT controls that are no less stringent than the EPA's corresponding CTG RACT requirements, in order for these source-specific RACT determinations to be approvable into the SIP.
- d. In describing the amendments to section 129.96, the preamble of the proposed rulemaking does not list section 129.63a as a rule to be excluded. *See* 45 Pa.B. 3362. If PADEP's intention is to exclude CTG RACT sources from the RACT II Rule, then PADEP should clearly state that in the preamble and include section 129.63a.