NOx RECLAIM WORKING GROUP MEETING

OCTOBER 8, 2020
JOIN ZOOM MEETING
HTTPS://SCAQMD.ZOOM.US/J/98447755537
MEETING ID: 984 4775 5537
PASSCODE: 418604
TELECONFERENCE DIAL-IN: 1-669-900-6833
Agenda

- Rulemaking Status on Landing Rules
- Ongoing Efforts and Next Steps
Rules Under Development

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<tr>
<th>Rule Number</th>
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<td>1st Quarter 2021</td>
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PAR 218 & 218.1 and PR 218.2 & 218.3 – Requirements for Continuous Emissions Monitoring Systems

- Applicable to CEMS that are not in RECLAIM
- Implementation approach proposed for the transition
- Streamlined CEMS requirements and performance standards
- Preliminary Draft Rule 218.2 provided to the Working Group on September 16th
- Preliminary Draft Rule 218.3 under discussion at the recent (October 6th) and next Working Group Meetings
- Public Hearing: 1st Quarter 2021
PAR 1147 – Miscellaneous Combustion Sources

- Presented cost-effectiveness analysis methodology and analysis results for first equipment category
- Working with equipment vendors and burner manufacturers
- Cost-effectiveness analysis for remaining equipment categories anticipated to be presented at the next Working Group Meeting
- Next Working Group Meeting: Late October
- Public Hearing: 2\textsuperscript{nd} Quarter 2021
Two virtual meetings with burner vendors on September 2\textsuperscript{nd} and 25\textsuperscript{th}, 2020

Three virtual site visits conducted September 11\textsuperscript{th}, 17\textsuperscript{th}, and 23\textsuperscript{rd}, 2020

2\textsuperscript{nd} Working Group meeting scheduled for October 2020

Public Hearing: 1\textsuperscript{st} Quarter 2021
Meeting with burner manufacturers and stakeholders for additional data
Working Group meeting held on September 3, 2020
Public Hearing: 1st Quarter 2021
PR 1109.1 – Refinery Equipment

- Proposed BARCT limits for all equipment categories
- Provided rule status update to September Stationary Source Committee
- Analyzing fuel gas sulfur data
- Continuing to review third party consultants’ assessment
- Preparing preliminary draft rule language
- Next Working Group Meeting: October
- Public Hearing: 1st Quarter 2021
PAR 1159 - Nitric Acid Processing Tanks

- Will regulate NOx emissions from nitric acid processing tanks
- Staff in data gathering phase
- Public Hearing: 2021

https://tri-mer.com/tanks/polypro-tanks-case-study.html
Emission Reductions

- **Rules 1146, 1146.1, 1146.2 – Boilers, heaters, and steam generators**: 0.27 tons per day*
- **Rule 1118.1 - Non Refinery Flares**: 0 tons per day*
- **Rule 1134 - Gas Turbines**: 1.8 tons per day*
- **Rule 1135 - Electric Generating Facilities**: 1.7 tons per day*
- **Rule 1110.2 - Gaseous- and Liquid-Fueled Engines**: 0.29 tons per day*
- **Rule 1117 – Container Glass Melting/Sodium Silicate Furnaces**: 0.57 tons per day*

**Total NOx Reductions = 4.63 tons per day**

*Sum of NOx reductions from RECLAIM facilities only*
Ongoing Efforts and Next Steps

- Stationary Source Committee
  - Regular updates to Committee
- RECLAIM Transition Plan
  - Next revision to be presented in 4th quarter
- Continue monthly working group meetings
- PAR 1146 Public Hearing scheduled for December 4, 2020
  - Removing ammonia slip limit
Contacts

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**New Source Review**
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## Rule Contacts – Proposed Amended/Adopted

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