



NO_x RECLAIM WORKING GROUP MEETING

OCTOBER 8, 2020

JOIN ZOOM MEETING

[HTTPS://SCAQMD.ZOOM.US/J/98447755537](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



PAR 218/218.1 and
PR 218.2/218.3 – Continuous
Emissions Monitoring Systems

Public Hearing: 1st Quarter 2021



PAR 1147 – Miscellaneous
Combustion Sources

Public Hearing: 2nd Quarter 2021



PR 1147.1 – Aggregate
Facilities

Public Hearing: 1st Quarter 2021



PR 1147.2 – Metal Melting
and Heating Furnaces

Public Hearing: 1st Quarter 2021



PR 1109.1 – Refinery
Equipment

Public Hearing: 1st Quarter 2021

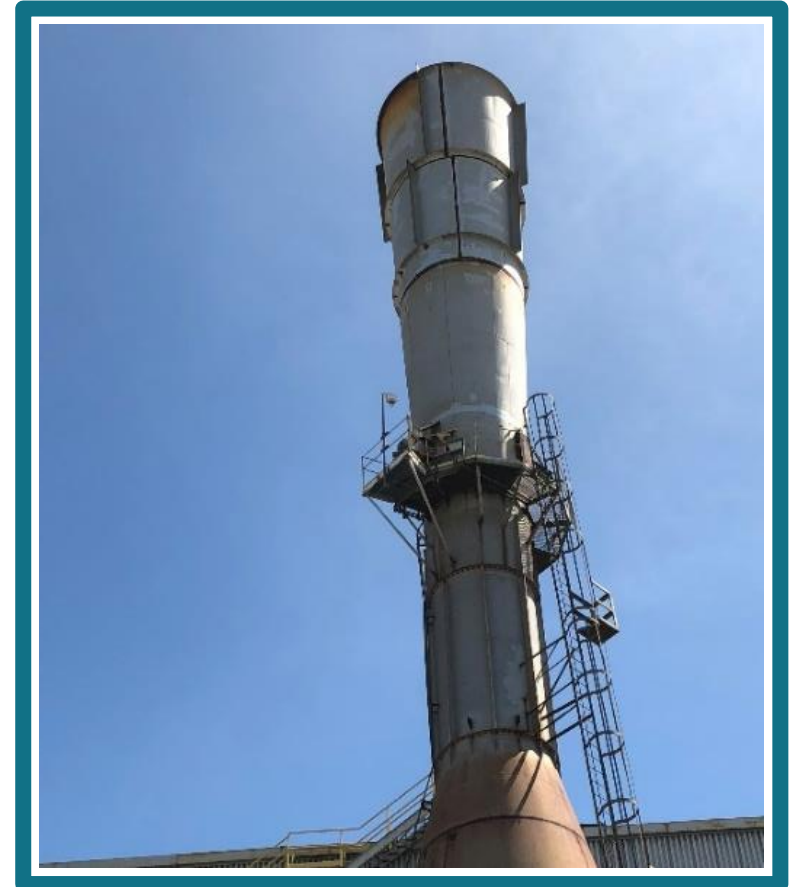


PAR 1159 – Nitric Acid
Processing Tanks

Public Hearing: 2021

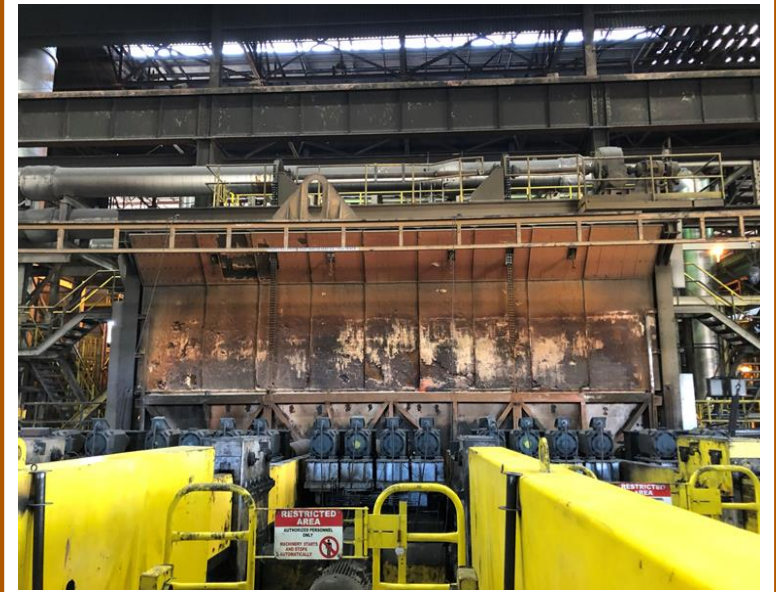
PAR 218 & 218.1 and PR 218.2 & 218.3 – Requirements for Continuous Emissions Monitoring Systems

- 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: 2nd Quarter 2021



PR 1147.1 – Aggregate Facilities

- Two virtual meetings with burner vendors on September 2nd and 25th, 2020
- Three virtual site visits conducted September 11th, 17th, and 23rd, 2020
- 2nd Working Group meeting scheduled for October 2020
- Public Hearing: 1st Quarter 2021



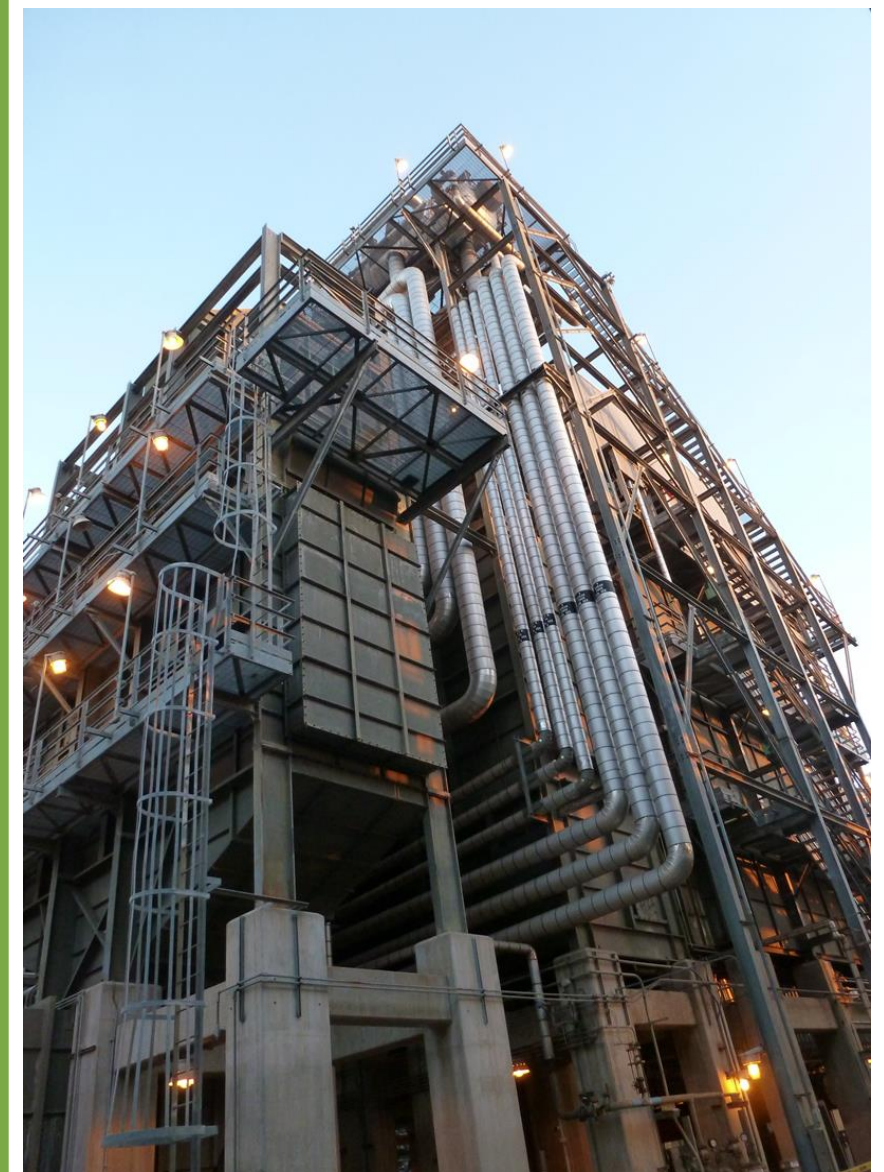
PR 1147.2 – Metal Melting and Heating Furnaces

- 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

General Questions

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New Source Review

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