



NO_x RECLAIM WORKING GROUP MEETING

AUGUST 13, 2020

JOIN ZOOM MEETING

[HTTPS://SCAQMD.ZOOM.US/J/95964606758?PWD=K2J4UETKD05MYUCXQ1BKNKTPYLEZUT09](https://scaqmd.zoom.us/j/95964606758?pwd=K2J4UETKD05MYUCXQ1BKNKTPYLEZUT09)

MEETING ID: 959 6460 6758

PASSCODE: 092729

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: December 2020



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

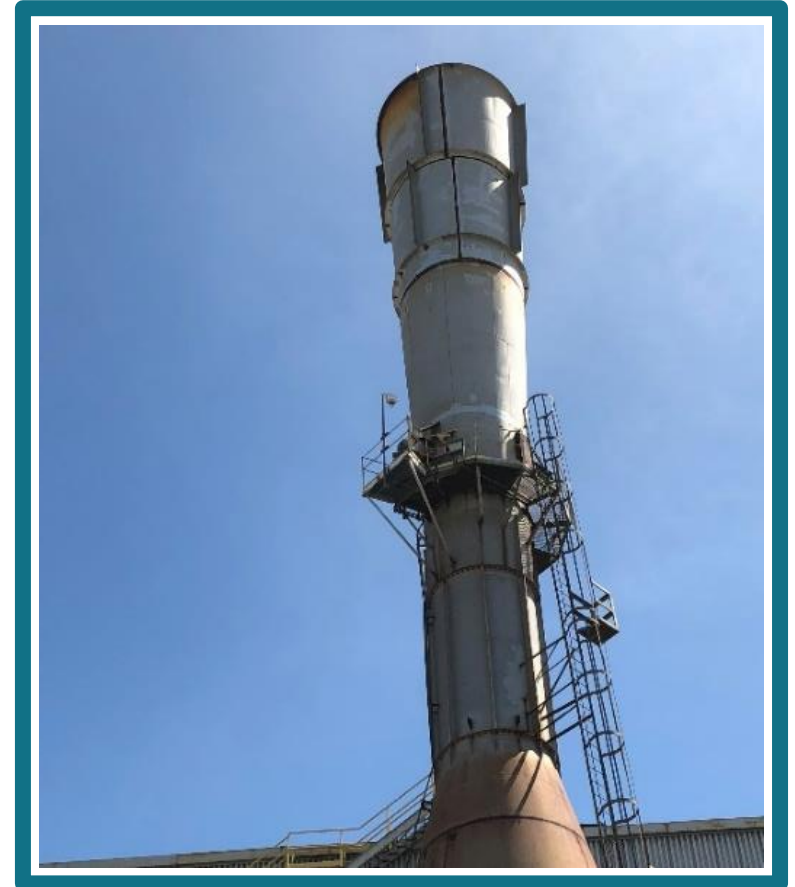


TBD – Nitric Acid Processing
Tanks

TBD

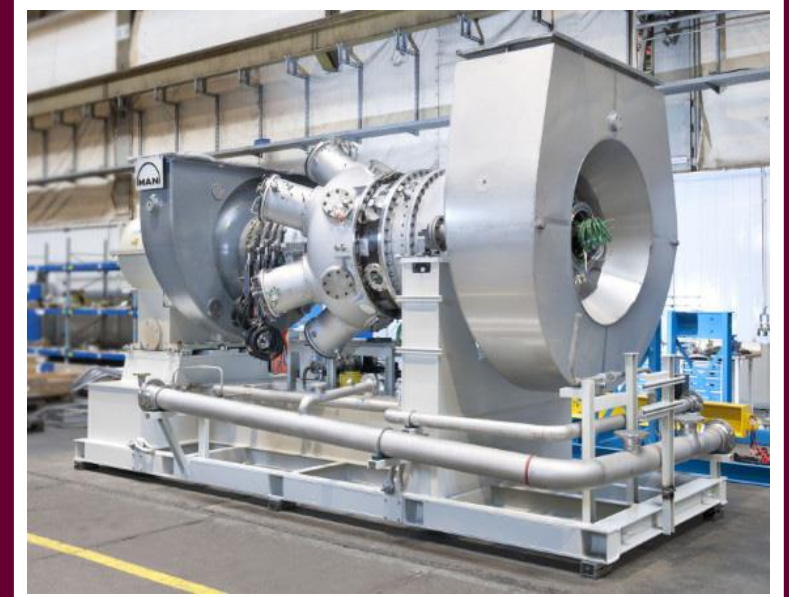
PAR 218 & 218.1 and PR 218.2 & 218.3 – Requirements for Continuous Emissions Monitoring Systems

- 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
- Preliminary Draft Rule 218.3 to be introduced at the next Working Group meeting
- Public Hearing: 4th Quarter 2020



PAR 1147 – Miscellaneous Combustion Sources

- Presented cost-effectiveness analysis methodology and analysis results for first equipment category
- Cost-effectiveness analysis for remaining equipment categories anticipated to be presented at the next Working Group meeting
- Working with equipment vendors and burner manufacturers
- Public Hearing: December 2020



PR 1147.1 – Aggregate Facilities

- 1st Working Group meeting held June 25, 2020
- 1st virtual site visit conducted July 22, 2020
- Virtual meeting with dryer burner vendor held on July 24, 2020
- Public Hearing: 1st Quarter 2021



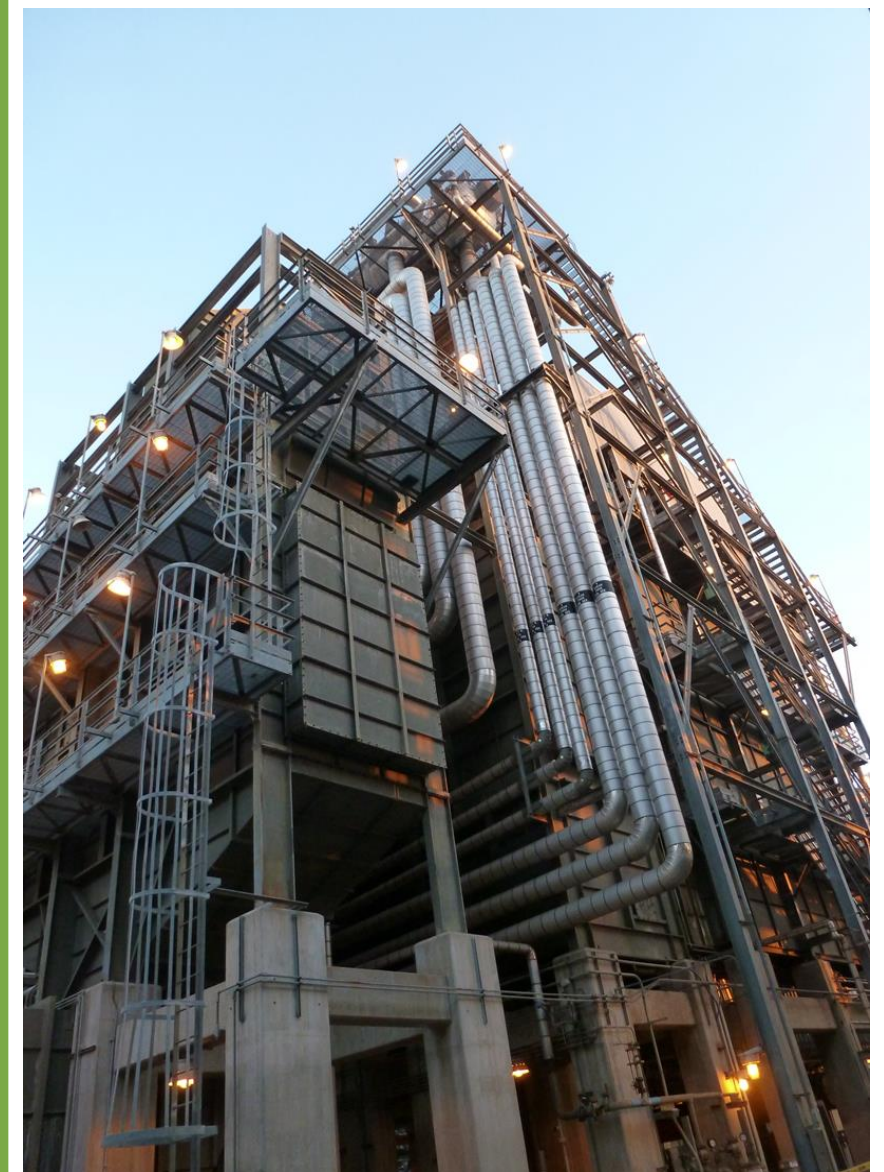
PR 1147.2 – Metal Melting Equipment and Heating Furnaces

- Presented SCR applicability criteria, source testing methodology, and additional source testing data
- Meeting with burner manufacturers and stakeholders
- Next Working Group meeting scheduled for August 2020
- Public Hearing: March 2021



PR 1109.1 – Refinery Equipment

- Proposed BARCT limits for remaining equipment categories
- Community Meeting to be scheduled late August/early September (via Zoom)
- Continued meetings with stakeholders and technology manufacturers
- Third-party consultant reviewing staff's BARCT assessment
- Public Hearing: 1st Quarter 2021



TBD - Nitric Acid Processing Tanks

- Will regulate NOx emissions from nitric acid processing tanks
- Staff in data gathering phase



<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*

Ongoing Efforts and Next Steps

- Stationary Source Committee
 - Regular updates to Committee
- RECLAIM Transition Plan
 - Next revision to be presented in 3rd quarter
- Continue monthly working group meetings

Contacts

General RECLAIM Questions

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New Source Review

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