



**South Coast
Air Quality Management District**
21865 Copley Drive, Diamond Bar, CA 91765
(909) 396-2000, www.aqmd.gov

STATIONARY SOURCE COMMITTEE MEETING

Committee Members

Council Member Ben Benoit, Chair
Senator Vanessa Delgado (Ret.)
Supervisor Janice Hahn
Mayor Judith Mitchell
Supervisor V. Manuel Perez
Supervisor Janice Rutherford

**September 20, 2019 ♦ 10:30 a.m. ♦ Conference Room CC8
21865 Copley Dr., Diamond Bar, CA 91765**

TELECONFERENCE LOCATIONS

Wildomar City Hall
City Council Chambers
23873 Clinton Keith Road
Wildomar, CA 92595

6055 E. Washington Blvd.,
Ste. 495
Commerce, CA 90040

Rolling Hills Estates
City Hall
4045 Palos Verdes Dr. North
Rolling Hills Estates, CA 90274

73-710 Fred Waring Drive
Suite 222
Palm Desert, CA 92260

8575 Haven Ave.
Ste. 110
Rancho Cucamonga, CA 91730

(The public may attend at any location listed above.)

*Call-in for listening purposes only is available by dialing:
Toll Free: 866-244-8528*

Listen Only Passcode: 5821432

*In addition, a webcast is available for viewing and listening at:
<http://www.aqmd.gov/home/library/webcasts>*

AGENDA

Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't. Code Section 54854.3(a)). Please provide a Request to Address the Committee card to the Committee Secretary if you wish to address the Committee on an agenda item. If no cards are available, please notify South Coast AQMD staff or a Board Member of your desire to speak. All agendas for regular meetings are posted at South Coast AQMD, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the regular meeting. Speakers may be limited to three (3) minutes each.

CALL TO ORDER

INFORMATION ITEMS (Items 1-3)

1. **Summary of Proposed Amended Rules 1110.2 – Emissions From Gaseous-and Liquid-Fueled Engines, and 1100 – Implementation Schedule for NO_x Facilities** (15 mins.) Michael Morris
Manager
(No Motion Required)
Proposed Amended Rule 1110.2 establishes NO_x emission limits for internal combustion engines at RECLAIM facilities, per the compliance schedule established in Proposed Amended Rule 1100. Staff will provide a briefing on both proposed amended rules and any key issues.
(Written Material Attached)
2. **Summary of Proposed Amended Rule 1407 – Control of Emissions of Arsenic, Cadmium, and Nickel from Non-Chromium Metal Melting Operations** (10 mins.) Michael Morris
(No Motion Required)
Staff will provide a summary of Proposed Amended Rule 1407 and remaining key issues.
(Written Material Attached)
3. **Proposed Amended Rule 1403 – Asbestos Emissions from Demolition/Renovation Activities** (10 mins.) Sarah Rees
Assistant Deputy
Executive Officer
(No Motion Required)
Proposed Amended Rule 1403 will provide revisions to enhance the clarity of the rule and align the requirements with the applicable U.S. EPA National Emission Standard for Hazardous Air Pollutants (NESHAP) and with other state and local regulations. Staff will provide an update on revisions to Proposed Amended Rule 1403 addressing key remaining issues and comments from stakeholders.
(Written Material Attached)

WRITTEN REPORTS (Items 4-5)

4. **Monthly Update of Staff's Work with U.S. EPA on New Source Review Issues for the RECLAIM Transition** *(No Motion Required)* Philip Fine,
Deputy Executive
Officer
This is a summary of staff's work with U.S. EPA over the past month to resolve New Source Review issues for the transition of RECLAIM facilities to a command and control regulatory program.
(Written Material Attached)
5. **Notice of Violation Penalty Summary** *(No Motion Required)* Bayron Gilchrist,
General Counsel
This report provides the total penalties settled in July and August of 2019 which includes Civil, Supplemental Environmental Projects, Mutual Settlement Assessment Penalty Program, Hearing Board and Miscellaneous.
(Written Material Attached)

OTHER MATTERS

6. Other Business

Any member of the Committee, or its staff, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, may make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter, or may take action to direct staff to place a matter of business on a future agenda. (Gov't. Code Section 54954.2)

7. Public Comment Period

At the end of the regular meeting agenda, an opportunity is also provided for the public to speak on any subject within the Committee's authority that is not on the agenda. Speakers may be limited to three (3) minutes each.

8. Next Meeting Date: October 18, 2019 at 10:30 a.m.

ADJOURNMENT

Americans with Disabilities Act

The agenda and documents in the agenda packet will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't. Code Section 54954.2(a)). Disability-related accommodations will also be made available to allow participation in the Stationary Source Committee meeting. Any accommodations must be requested as soon as practicable. Requests will be accommodated to the extent feasible. Please contact Catherine Rodriguez at 909.396-2735 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to Crodriguez@aqmd.gov.

Document Availability

All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a regular meeting, and (iii) having been distributed to at least a majority of the Committee after the agenda is posted, are available prior to the meeting for public review at the South Coast Air Quality Management District, Public Information Center, 21865 Copley Drive, Diamond Bar, CA 91765.



Proposed Amended Rule 1110.2 Emissions From Gaseous- and Liquid-Fueled Engines Proposed Amended Rule 1100 Implementation Schedule for NOx Facilities



Stationary Source Committee

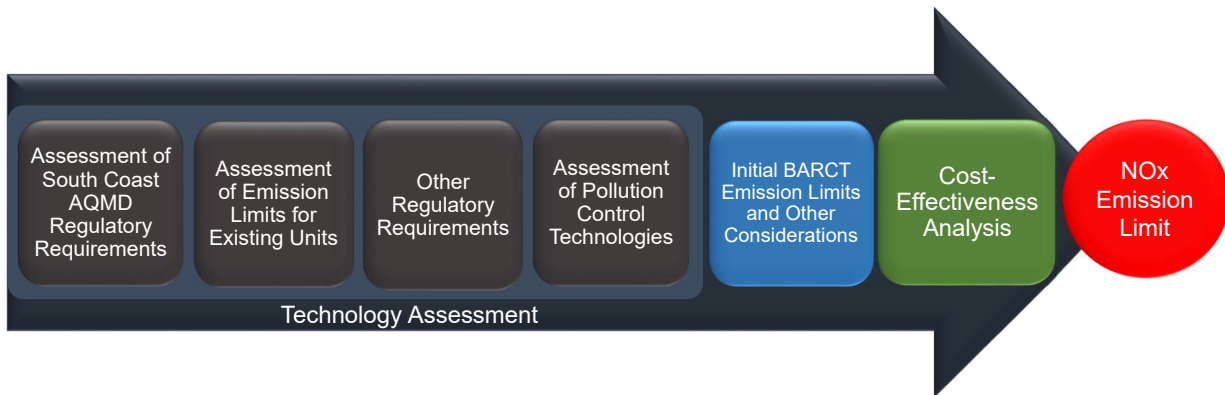
September 20, 2019

Background and Objective

- 2016 AQMP Control Measure CMB-05
 - Achieve five tons per day NOx emission reduction in RECLAIM by 2025
 - Transition the RECLAIM program to a command and control regulatory structure requiring Best Available Retrofit Control Technology (BARCT) level controls as soon as practicable
- AB 617
 - Implementation of BARCT by December 31, 2023
 - Priority given to older, higher polluting units
- PAR 1110.2 is a landing rule for internal combustion engines greater than 50 bhp – establishes NOx limits for RECLAIM and non-RECLAIM facilities
- PAR 1100 is the implementation schedule for RECLAIM facilities

BARCT Assessment to Establish NOx Limit

- BARCT analysis is used to establish the NOx emission limit for internal combustion engines
- BARCT analysis is conducted for each equipment category and fuel type



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Proposed Amendments to Rules 1110.2 and 1100

- Based on BARCT technology assessment
 - Retaining Rule 1110.2 NOx emission limit of 11 ppm (15 minute averaging)
 - Adding option for one-hour NOx averaging time for engines with Continuous Emission Monitoring Systems (CEMS)
 - No changes to VOC and CO limits - RECLAIM engines already subject to limits
- Implementation schedule (Proposed Amended Rule 1100)
 - December 31, 2023
 - Additional time provided for compressor gas lean-burn engines
 - Facility modernization pathway for engine replacements with 20 percent using zero-emission technology

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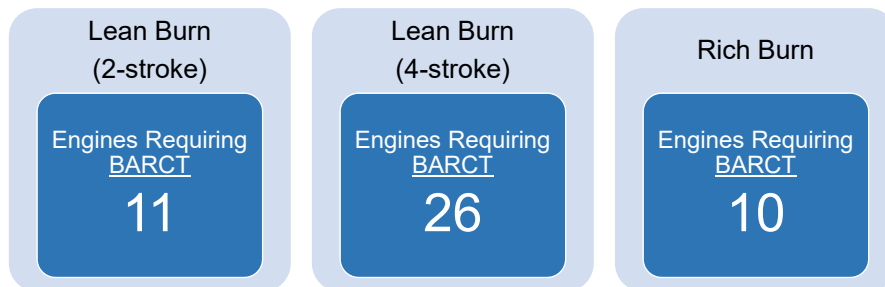
Other Proposed Amendments

- RECLAIM facilities required to meet more stringent CEMS provisions under Rule 1110.2
 - Rule 1110.2 requires CEMS if facility has engines in aggregate >1,500 bhp
 - RECLAIM requires CEMS for any engine >1,000 bhp, no aggregate engine provision for CEMS
- Reporting and Recordkeeping
 - Non-Title V Facilities: Rule 1110.2 reporting and recordkeeping requirements
 - Title-V Facilities: RECLAIM reporting and recordkeeping requirements
- Additional revisions
 - Remove RECLAIM exemption language
 - Harmonize remote radio transmission tower exemptions with existing rules
 - Clarification of CEMS provisions for biogas engines
 - Added requirements for offshore crane engines

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PAR 1110.2 Impacts to RECLAIM Facilities

- 21 RECLAIM facilities with 76 engines would be subject to Rule 1110.2
 - 11 facilities with 47 engines would need to comply with 11 ppm NOx emission limit
 - 6 facilities with 23 engines will require CEMS



* NOx parts per million by volume, corrected to 15% oxygen on a dry basis

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Emission Reductions and Cost Effectiveness

Category	NOx Emission Reductions (tons per day)	Cost Effectiveness (\$/ton)
<i>Lean-burn 2-stroke</i>	0.109	28,100
<i>Lean-burn 4-stroke</i>	0.172	35,500
<i>Rich-burn</i>	0.009	71,400 (19,000 w/out CEMS)

- Overall average cost-effectiveness is \$33,800 per ton of NOx reduced
- Some rich-burn engines will be required to install CEMS with minimal emission reductions
 - Cost effectiveness for control costs is \$19K/ton
- NOx emission reductions: 0.29 ton per day (~ 80% reduction)

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Remaining Key Issue

- Linear generator technology requesting new class or category designation
 - Incorporate new definitions to recognize technology
 - Propose emission standard with higher VOC emission limits than currently allowed for new non-emergency electrical generation devices
 - Request source testing done only at maximum load
 - Propose exclusion from requiring Inspection and Monitoring Plan requirements, including periodic emissions monitoring
- Staff is agreeable to recognizing technology but not to raising emission limits or testing at non-normal operating conditions
 - The current emission limits can be met by other technologies; the rule should remain technology neutral
 - Periodic monitoring is paramount for assuring ongoing compliance with emissions requirements

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Next Steps

- Set Hearing October 4, 2019
- Public Hearing November 1, 2019



Proposed Amended Rule 1407

Control of Emissions of Arsenic, Cadmium, and Nickel from Non- Chromium Metal Melting Operations

Stationary Source Committee

September 20, 2019

Background

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- ▶ Rule 1407 was adopted in 1994
 - ▶ Implements the state Airborne Toxic Control Measure (ATCM) for Emissions of Toxic Metals from Non-Ferrous Metal Melting
- ▶ Objective is to reduce arsenic, cadmium, and nickel emissions from metal melting operations
- ▶ Rule 1407 currently addresses non-ferrous metals which generally includes aluminum alloys, brass alloys, and bronze alloys
- ▶ PAR 1407 was developed through a public process starting in 2016
 - ▶ 30 site visits, 9 working group meetings, and a Public Workshop

General Approach

- ▶ Revise applicability from non-ferrous metals to non-chromium metals
 - ▶ Develop new rule to address chromium metal melting (Proposed Rule 1407.1)
- ▶ Proposed Amended Rule 1407 will reduce exemptions and be more health protective
- ▶ Provisions are based on lead melting rules (Rule 1420 series)

Alloy Type							
Al & Al Alloys (PAR 1407)	Carbon Steel (PAR 1407)	Brass (Rule 1420 or PAR 1407)	Bronze (Rule 1420 or PAR 1407)	Lead (Rule 1420)	Stainless Steel (PR 1407.1)	Alloy Steel (PR 1407.1)	Super Alloys (PR 1407.1)

Emission Control Requirements

- ▶ For each toxic air contaminant individually:
 - ▶ Meet a control efficiency per furnace; or
 - ▶ Meet aggregate mass emission limit
- ▶ Source Testing
 - ▶ Initial source testing
 - ▶ Periodic source testing every 5 years
- ▶ Emission Control Device Monitoring
 - ▶ Demonstrate control equipment working properly

Emission Limits

Arsenic	AND	Cadmium	AND	Nickel
99% reduction (per furnace)		99% reduction (per furnace)		99% reduction (per furnace)
OR		OR		OR
0.000066 lbs/hour (facility-wide)		0.000514 lbs/hour (facility-wide)		0.00848 lbs/hour (facility-wide)

Exemption from emission control requirements for facilities with:

- A Health Risk Assessment with a maximum individual cancer risk $< 10 \times 10^{-6}$
- Air Toxics Inventory Report with a Facility Priority Score < 10

Fugitive Emission Controls

▶ Enhanced Housekeeping

Cleaning*

- Weekly cleaning
- Prohibition of use of compressed air

Material Storage

- Enclosed storage area
- Building enclosure
- Covered container

Other

- Remove weather caps
- Quarterly inspection of emission control devices

* Alternative cleaning procedures allowed provided they meet same objectives and effectiveness

▶ Building Enclosures

- ▶ Addresses cross drafts in areas where metal melting operations occur, including metal grinding and cutting

Exemptions

Metal or Alloy Purity Exemption

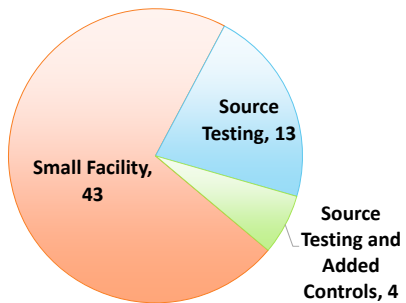
- PAR 1407 includes a throughput limit for using the metal or alloy purity exemption
 - Despite the metals having relatively low concentrations of contaminants, facilities melting very large quantities can have significant arsenic, cadmium, and/or nickel emissions
- Current Rule 1407 has no throughput limitation for using the metal or alloy purity exemption

Clean Aluminum Scrap Exemption

- PAR 1407 phases out clean aluminum scrap exemption
 - Clean aluminum scrap is free of contaminants (oil, paint, grease, etc.), but still may contain arsenic, cadmium, and nickel, which may result in emissions
- Current Rule 1407 does not include concentration limits for arsenic, cadmium, or nickel when using clean aluminum scrap exemption

Impacted Facilities and Estimated Total Costs

60 Facilities



	Small Facility; No Existing Control Device	Small Facility; With Existing Control Device	Large Facility; Source Testing	Large Facility; Source Testing and Added Controls
Estimated Number of Facilities	41	2	13	4
Total Cost (21 Years)	\$50,000	\$158,000	\$960,000	\$11,189,000
Annualized Cost	\$3,000	\$8,000	\$49,000	\$575,000

Key Issue

Comment	Response
<ul style="list-style-type: none"> The costs to facilities should not be amortized; all costs are incurred in the first year 	<ul style="list-style-type: none"> Total costs are also included for reference Cost estimates are conservative <ul style="list-style-type: none"> Costs may be substantially decreased if facility takes advantage of incentives to utilize cleaner metals in their processes Annualized costs are used for socioeconomic analysis

Schedule

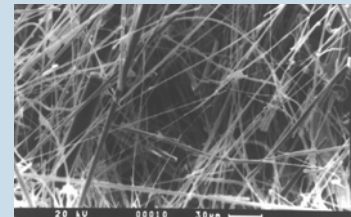
Public Hearing
October 4, 2019



Proposed Amended Rule 1403 - Asbestos Emissions from Demolition/Renovation Activities



Stationary Source Committee
September 20, 2019



BACKGROUND

- EPA identified asbestos as a hazardous pollutant in 1971
 - ✓ Established regulations (NESHAP) to minimize exposure to asbestos fibers from demolition and renovation activities; last revised in 1990
- Rule 1403 originally adopted in 1989; amended several times since – last revised in 2007
 - ✓ More stringent than federal regulations



HEALTH RISKS FROM ASBESTOS



- Asbestos exposure is known to include the following health effects:
 - ✓ Asbestosis, lung cancer, mesothelioma, and other forms of cancer
 - ✓ Center for Disease Control (CDC) reports that deaths from asbestos-related diseases were up to 4,000 in the U.S. annually in 2014 (most recent data)
 - ✓ Symptoms may take years to develop following exposure
 - ✓ In general, the greater the exposure to asbestos, the greater the chance of developing health effects

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TYPICAL FACILITY ASBESTOS CONTAINING MATERIALS (ACM)

- ✓ Dry wall joint compound
- ✓ Pipe insulation
- ✓ Cement pipe
- ✓ Popcorn ceiling material
- ✓ Other insulation materials
- ✓ Floor tile
- ✓ Gaskets
- ✓ Cement roof shingles
- ✓ Paint coatings



Joint compound can have up to 2% ACM



Pipe wrap insulation can have 24 to 60% ACM



Popcorn ceiling material can have 3 to 7% ACM

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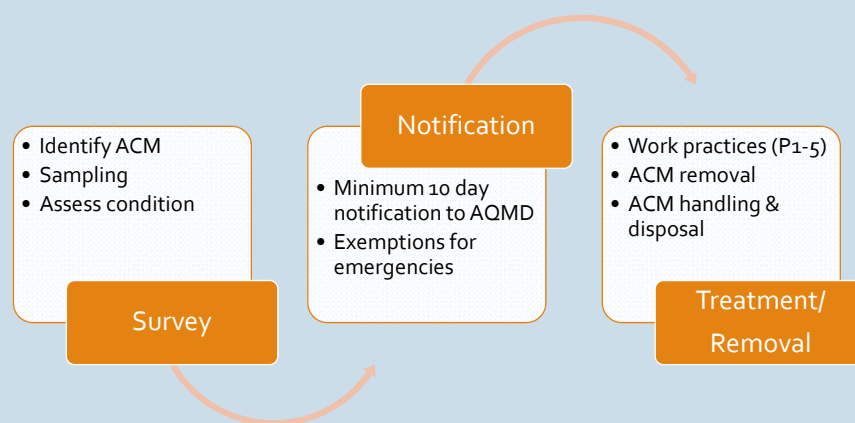
FRIABLE AND NONFRIABLE ASBESTOS

- **Friable** asbestos containing materials can easily be crumbled to a powder by light pressure, releasing asbestos fibers
 - ✓ Examples include insulation, fireproofing and soundproofing materials
- **Nonfriable** asbestos containing materials are solid and rigid
 - ✓ Examples include cement pipe, roofing shingles, floor tile, etc.

Friable asbestos materials present the greater risk of exposure, but nonfriable asbestos materials can be made friable by cutting, drilling, weatherization, chemical treatment, etc.

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KEY RULE 1403 COMPONENTS



Note: Rule 1403 only applies to renovation and demolition activities

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OBJECTIVE OF PAR 1403

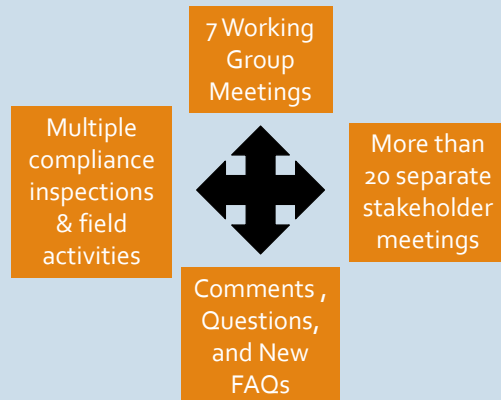
- Clarify existing rule requirements
- Align with Federal NESHAP requirements as necessary



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PAR 1403 RULE DEVELOPMENT

- Summary
 - ✓ Comprehensive public process
 - ✓ 6 versions of proposed rule language



- Continued development beyond original Public Hearing date
 - ✓ **Addressed** emergency situations involving threats to public health or safety
 - ✓ **Revisions** to definitions that clarify what meets the requirement of an emergency
 - ✓ **Incorporated** stakeholder input during rulemaking process

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KEY ISSUES ADDRESSED

- Applicability – coverage of CACs
- Surveys – clarify requirement for on-site surveys
- Notification – electronic notification issues and solutions
- Sampling protocols – clarify number of samples required
- Emergencies – addressed delays & notification letters
- Imminent threat to public health or safety – call and go procedures
- Flexibilities for underground pipe

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RULE LANGUAGE CLARIFICATIONS

Applicability

- Clarify who is covered by the rule including Asbestos Consultants
- Previous language was vague stating “owners or operators”

Surveys

- Requires an on-site inspection of the project
- This is consistent with NESHAP requirement for a “thorough inspection”

Notification – online WebApp

- Removed outdated written notification requirements
- Provisions for phone notification in the event system is down

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SAMPLING

Number of samples

- Specified minimum sampling requirements for friable and nonfriable materials
- Separate provision for small areas when sampling nonfriable materials

Sample analysis

- Minimum standard for the analysis of suspected ACM
- Address the analysis of composited samples

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RULE LANGUAGE MODIFICATIONS

Definition of Emergency Renovation

- Certification of emergency declaration letter
- Emergency Renovation includes the discovery of unknown, damaged or disturbed ACM

Exemption for imminent threat to public health or safety

- “Call and go” notification when there is an emergency that results in an imminent threat to public health or safety

Certified personnel who may perform surveys

- AHERA trained building inspectors may perform surveys for their employer
- Cal/OSHA determines training and certification requirements

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REMAINING COMMENTS – UNDERGROUND PIPE

Separate Procedure for buried AC Pipe

- Underground pipe is different than buildings
- The work should not require prior survey or preapproval by AQMD

Notification and delays for reviewing P5 for buried AC Pipe

- Current language requires P5 when pipe is damaged
- Some utilities were always using P5 out of caution

Surveys performed by AC Pipe Workers

- Rule 1403 requires an on-site survey
- Cal/OSHA determines training/certification requirements

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FLEXIBILITIES FOR UNDERGROUND PIPE

Two-day notification period for remote locations

- Must be more than ¼ mile from nearest receptor

Clarify that most underground pipe work subject to P3

- Procedure 3 does not require advanced AQMD approval
- If pipe is in good condition and non-power tools are used, P3 is appropriate

Revised emergency provisions address most remaining concerns

- Allows for rapid response without waiting for AQMD approval
- Provides avenue using P3 and switching to P5 without delay

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IMPACT OF PROPOSED CHANGES

- ***No new substantive requirements added***
 - ✓ Requirements either existed in current rule language or are NESHAP requirements
- ***Clarify ambiguous provisions to provide regulatory certainty***
 - ✓ Clarify applicability provisions and sampling requirements
- ***Provide flexibilities and regulatory relief***
 - ✓ Revised emergency procedures to allow for rapid response – “call and go”
 - ✓ Provides path for proceeding with work when unexpected asbestos is discovered
 - ✓ Provides expedited notification for jobs in remote locations
 - ✓ Allows AHERA-certified building inspectors to survey

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NEXT STEPS

- Set Hearing October 4, 2019
- Public Hearing November 1, 2019



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September 2019 Update on Work with U.S. EPA on New Source Review Issues for the RECLAIM Transition

At the October 5, 2018 Board meeting, the Board directed staff to provide the Stationary Source Committee with a monthly update of staff's work with U.S. EPA regarding resolving NSR issues for the transition of facilities from RECLAIM to a command and control regulatory structure. The table below summarizes key activities over the past month.

Item	Discussion
Teleconference with U.S. EPA – August 8, 2019	<ul style="list-style-type: none"> • Discussed South Coast AQMD's preliminary NSR applicability test and offsetting recommendations for modified major sources • Discussed initial concepts for a one-time programmatic equivalency demonstration for the RECLAIM transition needed for Federal CAA 110(l)
Teleconference with U.S. EPA – August 13, 2019	<ul style="list-style-type: none"> • Discussed with U.S. EPA possibilities for reducing the demand for offsets
In person meeting with U.S. EPA – August 15, 2019	<ul style="list-style-type: none"> • Discussed the following topics with regards to the RECLAIM transition <ul style="list-style-type: none"> ○ Recommendations for NSR applicability and offsetting ○ Federal equivalency demonstrations ○ Concepts for reducing the demand for offsets ○ Status of RECLAIM landing rules and the RECLAIM transition
RECLAIM and Regulation XIII (New Source Review) Working Group Meeting – September 12, 2019	<ul style="list-style-type: none"> • This was the first working group meeting for Regulation XIII (New Source Review) <ul style="list-style-type: none"> ○ U.S. EPA has identified issues that are not unique to RECLAIM and have broader implications ○ Regulation XIII working group has been formed to address NSR issues post-RECLAIM, while providing an opportunity to conduct a full evaluation of new source review

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
General Counsel's Office
DRAFT
July 2019 Settlement Penalty Report

[↑ Back to Agenda](#)

<u>Total Penalties</u>	
Civil Settlements:	\$7,084,000.00
MSPAP Settlements:	\$1,998.00
Hearing Board Settlements:	\$27,750.00
Total Cash Settlements:	\$7,113,748.00
Total SEP Value:	\$0.00
Fiscal Year through 7 / 2019 Cash Total:	\$7,113,748.00
Fiscal Year through 7 / 2019 SEP Value Only Total:	\$0.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
Civil Settlements						
166073	BETA OFFSHORE	203	7/25/2019	DH	P66506	\$1,000.00
62649	CALIFORNIA PORTLAND CEMENT CO.	2004	7/3/2019	NSF	P64386	\$7,500.00
150298	GEM MOBILE TREATMENT SERVICES, INC.	203(a)	7/3/2019	VKT	P63257	\$500.00
141424	HOME DEPOT USA INC	1143	7/23/2019	BST	P64673	\$7,000,000.00
182547	ROBERTSON'S READY MIX	203(a) 13 CCR 2453	7/12/2019	SMP	P59685	\$25,000.00
114568	UNITED PARCEL SERVICE	2202	7/23/2019	WBW	P64778	\$50,000.00
19754	UNITED PARCEL SERVICE				P64779	
27690	UNITED PARCEL SERVICE				P64780	
27785	UNITED PARCEL SERVICE				P66971	

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
52027	UNITED PARCEL SERVICE				P66972	
7681	UNITED PARCEL SERVICE				P66973	
79193	UNITED PARCEL SERVICE				P67020	
79912	UNITED PARCEL SERVICE				P67021	
83876	UNITED PARCEL SERVICE				P69052	
87053	UNITED PARCEL SERVICE				P69053	

Total Civil Settlements: \$7,084,000.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
MSPAP Settlements						
149913	H C INTERNATIONAL CORPORATION	461 41960.2	7/17/2019	GC	P64998	\$560.00
13557	HARBOR LAWN MEM PARK	203(b)	7/17/2019	GC	P64090	\$638.00
180640	MPSS INC., DBA PARAMOUNT 76	461	7/17/2019	TF	P68118	\$800.00
Total MSPAP Settlements: \$1,998.00						

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
Hearing Board Settlements						
104234	MISSION FOODS CORPORATION	202 203(b) 1153.1 1303	7/23/2019	KCM	5400-4	\$25,000.00
156902	PROVIDENCE TARZANA MEDICAL CENTER	203 1470	7/9/2019	TRB	6128-1	\$2,750.00

Total Hearing Board Settlements: \$27,750.00

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
General Counsel's Office**

August 2019 Settlement Penalty Report

<u>Total Penalties</u>	
Civil Settlements:	\$877,000.00
MSPAP Settlements:	\$23,615.00
Hearing Board Settlements:	\$38,500.00
Total Cash Settlements:	\$939,115.00
Total SEP Value:	\$0.00
Fiscal Year through 8 / 2019 Cash Total:	\$8,052,863.00
Fiscal Year through 8 / 2019 SEP Value Only Total:	\$0.00

<u>Fac ID</u>	<u>Company Name</u>	<u>Rule Number</u>	<u>Settled Date</u>	<u>Init</u>	<u>Notice Nbr</u>	<u>Total Settlement</u>
Civil Settlements						
800196	AMERICAN AIRLINES, INC,	2004 2012	8/20/2019	NSF	P66170 P66171	\$5,000.00
117290	B BRAUN MEDICAL, INC	2004 2012(c)(3)(A)	8/28/2019	DH	P66903 P68305	\$16,000.00
187196	CREATIVE HOME REMODELING GROUP INC	40 CFR 60, QQQ 1403	8/1/2019	DH	P66278	\$1,500.00
800189	DISNEYLAND RESORT	2004	8/21/2019	SH	P68254	\$750.00
180908	ECO SERVICES OPERATIONS CORP.	2004(f)(1)	8/21/2019	SH	P66201	\$6,000.00
14492	JOHNSON LAMINATING & COATING INC	3002	8/21/2019	SH	P50742	\$1,750.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
167143	M&M OIL INC	203(b) 461(c)(2)(B) H&S 41960.2	8/2/2019	KCM	P60093 P60094	\$7,000.00
131425	MATRIX OIL CORPORATION _ RIDEOUT HEIGHTS	1173	8/28/2019	SH	P65309	\$2,500.00
166078	PROPEL, INC.	203(b)	8/22/2019	MJR	P64287	\$2,500.00
169752	RDULAC	1403	8/1/2019	KCM	P63089	\$3,500.00
800129	SFPP, L.P.	462(d)(1)(F) 2004(f)(1) 3002(c)(1)	8/29/2019	RFL	P56575 P65326	\$3,500.00
131850	SHAW DIVERSIFIED SERVICES INC	2012	8/21/2019	SH	P65372	\$1,500.00
187500	STERLING BUILDERS GROUP	1403	8/30/2019	DH	P65037	\$20,000.00
187287	TAREK BUYS HOUSES LLC	1403	8/29/2019	NSF	P66463	\$25,000.00
21872	TROJAN BATTERY COMPANY, LLC	221 1420.2	8/28/2019	NSF	P66010 P66011 P66012 P66013 P66014 P66015	\$755,000.00
187171	TURNER	403	8/1/2019	DH	P65062 P68052 P68060 P68062	\$15,500.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
170895	WASTE MANAGEMENT OF ORANGE	203	8/7/2019	NAS	P65403	\$10,000.00
		402			P66466	
		1155			P66469	
		H&S 41700			P66476	
					P66482	
					P66483	
					P66485	

Total Civil Settlements: \$877,000.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
MSPAP Settlements						
175324	ANASTASI DEVELOPMENT COMPANY, LLC.	203(a)	8/15/2019	GC	P67301	\$800.00
184938	AW COLLISION OF LONG BEACH	109 203(a)	8/30/2019	GC	P63873	\$1,600.00
140720	BEVERLY 76	461 H&S 41960	8/1/2019	TF	P67219	\$800.00
186654	BROOKFIELD RESIDENTIAL, INC	203(a)	8/2/2019	GC	P67353	\$640.00
180593	CENTINELA GAS STATION, INC.	461 H&S 41960	8/2/2019	GC	P64928	\$470.00
180055	CIRCLE K #0514	203 461	8/30/2019	GC	P66361	\$1,800.00
13999	HUNTINGTON BEACH CITY, WATER DEPT	203(b)	8/30/2019	GC	P64086	\$1,200.00
4377	HUNTINGTON BEACH CITY, WATER DEPT	203(b)	8/30/2019	GC	P64087	\$600.00
19915	HUNTINGTON BEACH CITY, WATER DIVISION	203(b)	8/30/2019	GC	P64088	\$480.00
180192	NELSON NUTRACEUTICAL, LLC	201 203	8/30/2019	TF	P65794	\$1,600.00
98033	NEW ERA CLEANERS	203(b)	8/2/2019	TF	P63783	\$1,000.00
63967	NORDSTROM	1415	8/30/2019	TF	P65800	\$2,000.00
133751	OAK TREE PLAZA ASSOC. LLC,THE VILLAGE MA	461 H&S 41960.2	8/30/2019	TF	P68119	\$600.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
160807	PRIMO POWDER COATING & SANDBLASTING	203(b)	8/15/2019	TF	P64095	\$1,650.00
181349	PRUKOPS AUTO BODY AND PAINT	1151(e)(1) 1171(c)(1)	8/15/2019	TF	P64098	\$800.00
163382	QUIKRETE OF SOUTHERN CALIFORNIA	203(a)	8/15/2019	TF	P65384	\$375.00
95189	RBC TRANSPORT DYNAMICS CORP	203(b)	8/30/2019	TF	P64093	\$500.00
152974	UNITED EXCAVATION	1403	8/30/2019	TF	P66464	\$1,200.00
152974	UNITED EXCAVATION	40 CFR 60, QQQ 1403	8/30/2019	TF	P65943	\$2,000.00
111301	WWF OPERATING COMPANY	203(b)	8/2/2019	TF	P65380	\$3,500.00

Total MSPAP Settlements: \$23,615.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
Hearing Board Settlements						
104234	MISSION FOODS CORPORATION	202 203(b) 1153.1 1303	8/21/2019	KCM	5400-4	\$25,000.00
10966	WEBER METALS INC	1403	8/27/2019	DH	6136-1	\$13,500.00
Total Hearing Board Settlements: \$38,500.00						

**SOUTH COAST AQMD'S RULES AND REGULATIONS INDEX
FOR JULY AND AUGUST 2019 PENALTY REPORTS**

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Rule 109 Recordkeeping for Volatile Organic Compound Emissions

REGULATION II - PERMITS

Rule 201 Permit to Construct
Rule 202 Temporary Permit to Operate
Rule 203 Permit to Operate
Rule 221 Plans

REGULATION IV - PROHIBITIONS

Rule 402 Nuisance
Rule 403 Fugitive Dust (*Pertains to solid particulate matter emitted from man-made activities*)
Rule 461 Gasoline Transfer and Dispensing
Rule 462 Organic Liquid Loading

REGULATION XI - SOURCE SPECIFIC STANDARDS

Rule 1151 Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations
Rule 1153.1 Emissions of Oxides of Nitrogen from Commercial Food Ovens
Rule 1155 Particulate Matter Control Devices
Rule 1171 Solvent Cleaning Operations

REGULATION XIII - NEW SOURCE REVIEW

Rule 1303 Requirements

REGULATION XIV - TOXICS

Rule 1403 Asbestos Emissions from Demolition/Renovation Activities
Rule 1415 Reduction of Refrigerant Emissions from Stationary Refrigeration and Air Conditioning Systems
Rule 1420.2 Emission Standards for Lead from Metal Melting Facilities

REGULATION XX - REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

Rule 2004 RECLAIM Program Requirements

Rule 2012 Requirements for Monitoring, Reporting, and Recordkeeping for Oxides of Nitrogen (NOx) Emissions

REGULATION XXII ON-ROAD MOTOR VEHICLE MITIGATION

Rule 2202 On-Road Motor Vehicle Mitigation Options

REGULATION XXX TITLE V PERMITS

Rule 3002 Requirements

CALIFORNIA HEALTH AND SAFETY CODE

41700 Violation of General Limitations

41960 Certification of Gasoline Vapor Recovery System

41960.2 Gasoline Vapor Recovery

CODE OF FEDERAL REGULATIONS

40 CFR 60, QQQ Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater