

South Coast Air Quality Management District

BEST AVAILABLE CONTROL TECHNOLOGY GUIDELINES

Scientific Review Committee Meeting

July 22, 2020, 2:00pm – 4:00pm

Remote Meeting

Pursuant to Governor Newsom's Executive Orders N-25-20 (March 12, 2020) and N-29-20 (March 17, 2020), the BACT Scientific Review Committee meeting will only be conducted via video conferencing and by telephone. Please follow the instructions below to join the webinar meeting remotely. Teleconference locations do not need to be disclosed nor open to the public.

ELECTRONIC PARTICIPATION INFORMATION

(Instructions provided at bottom of the agenda)

Join Zoom Webinar Meeting - from PC or Laptop

<https://scaqmd.zoom.us/j/94317405856>

Zoom Webinar ID: 943 1740 5856 (applies to all)

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Audience will be allowed to provide public comment through telephone or Zoom connection during public comment periods. If you wish to speak, raise your hand on Zoom or press Star 9 if participating by telephone. Agendas are posted at South Coast AQMD, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the BACT SRC meeting. **For assistance please contact Bahareh Farahani at bfarahani@aqmd.gov.**

AGENDA

2:00pm	Welcome & Introductions	Al Baez
2:05pm	Proposed updates to Part B, Major Polluting Facilities	Al Baez Bahareh Farahani
	<ul style="list-style-type: none">◆ New Section I Listings, South Coast AQMD LAER/BACT Determinations<ul style="list-style-type: none">⇒ Thermal Oxidizer (Regenerative & Recuperative), Natural Gas Fired <i>NOx limit: 30 ppmv for both Regen & Recup and CO limit: 100 ppmv for Regen and 250 ppmv for Recup on a dry basis @ 3% O₂</i>⇒ Flare (Thermal Oxidizer), Liquid Transfer and Handling – Marine Loading <i>NOx limit: 30 ppmv and CO limit: 10 ppmv on a dry basis @ 3% O₂</i>⇒ Heater- Other Process: Non-Refinery, Thermal Fluid Heater, Natural Gas Fired <i>NOx limit 9 ppmv and CO limit 100 ppmv on a dry basis @ 3% O₂</i>⇒ I.C. Engine, Stationary, NSCR, 147 BHP and 385 BHP, Non-Emergency, Electrical Generation <i>NOx limit: 0.07 lb/MW-hr, VOC limit: 0.10 lb/MW-hr and CO limit: 0.20 lb/MW-hr</i>⇒ Duct Burner – Refinery Fuel Gas <i>Sulfur limit (Total Reduced Sulfur as H₂S): 40 ppm, rolling 1-hr averaging period and 30 ppm, rolling 24-hr averaging period.</i>	

⇒ Aluminum Heat Treating Oven, 5.47 MM Btu/hr, Billet Temp < 970°F

NOx limit: 25 ppmv @ 3% O₂

◆ Section I Update, South Coast AQMD LAER/BACT Determinations

⇒ Gas Turbine – Simple Cycle, Natural Gas

NOx limit: 2.3 ppmv and CO limit: 4 ppmv on a dry basis @ 15% O₂

3:00pm **Proposed New/Updates to Part D, Non-Major Polluting Facilities** **Al Baez**
New/Updated Listings **Bahareh Farahani**

⇒ Fermentation, Wine - Tanks Closed-Top ≤ 30,000

For VOC: Water Scrubber or Chiller Condenser with 67% overall control efficiency averaged over length of fermentation season (mass balance basis). Santa Barbara APCD

⇒ Glass Screen Printing – Flat Glass

For VOC: compliance with Rule 1145 or use of Rule 1145 compliant UV/EB or water-based coatings

⇒ Spray Booth – Enclosed with automated spray nozzles for wood cabinets, < 1170 Lbs/Month of VOC Emissions

For VOC: compliance with Rule 1136 or use of Rule 1136 compliant UV/EB or water-based coatings

⇒ Regenerative Thermal Oxidizer, Natural Gas Fired

NOx limit: 30 ppmv and CO limit: 400 ppmv on a dry basis @ 3% O₂

Updates for Consistency with Rules and Regulations

⇒ Flare – Produced gas, Landfill gas, Organic liquid handling & Other flare gas
Compliance with Rule 1118.1 for NOx, CO and VOC

⇒ Fish Reduction – Cooker, Dryer, Digester, Evaporator and Acidulation Tank
Exempt from Rule 1147, remove NOx requirement

⇒ Coffee Roasting – Food Oven > Roaster
Exempt from Rule 1147, remove NOx requirement

⇒ Clarifications to Part D listings – more user friendly

3:30pm **BACT Technical Assessment for Biogas Flares** **Al Baez**
Bahareh Farahani

- ◆ Continue to monitor new/existing organic and food waste digestion and co-digestion projects for ammonia NOx impacts
- ◆ Hold regular discussions with POTWs on future proposed projects

3:45pm **Discussion/Other items** **Al Baez**
CARB Staff

- ◆ Update on AB617 BACT/BARCT Technology Clearinghouse
- ◆ Other BACT/LAER Determinations
- ◆ Next Steps – 30 Day Comment period on proposed BACT updates

3:50pm **Public Comment**

Members of the public may address the Committee concerning any agenda item before or during consideration of that item. All agendas for regular meetings are posted at District Headquarters, 21865 E. Copley Drive, Diamond Bar, California, at least 72 hours in advance of a regular meeting. 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. Speakers may be limited to three (3) minutes each. (Gov’t. Code Section 54954.3)

Americans with Disabilities Act and Language Accessibility

Disability and language-related accommodations can be requested to allow participation in the BACT Scientific Review Committee meeting. The agenda will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). In addition, other documents may be requested in alternative formats and languages. Any disability or language related accommodation must be requested as soon as practicable. Requests will be accommodated unless providing the accommodation would result in a fundamental alteration or undue burden to the South Coast AQMD. Please contact Alfonso Baez at (909) 396-2516 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to abaez@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 by contacting Bahareh Farahani at (909) 396-2353, or send the request to bfarhani@aqmd.gov..

BACT SRC Agenda_7-22-20.doc

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION**Instructions for Participating in a Virtual Meeting as an Attendee**

As an attendee, you will have the opportunity to virtually raise your hand and provide public comment.

Before joining the call, please silence your other communication devices such as your cell or desk phone. This will prevent any feedback or interruptions during the meeting.

Please note: During the meeting, all participants will be placed on Mute by the host. You will not be able to mute or unmute your lines manually.

Once you raise your hand to provide public comment, your name will be added to the speaker list. Your name will be called when it is your turn to comment. The host will then unmute your line.

Directions for Video ZOOM on a DESKTOP/LAPTOP:

- If you would like to make a public comment, please click on the “**Raise Hand**” button on the bottom of the screen.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions for Video Zoom on a SMARTPHONE:

- If you would like to make a public comment, please click on the “**Raise Hand**” button on the bottom of your screen.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions for TELEPHONE line only:

- If you would like to make public comment, please **dial *9** on your keypad to signal that you would like to comment.