

# South Coast Air Quality Management District

## BEST AVAILABLE CONTROL TECHNOLOGY GUIDELINES Scientific Review Committee Meeting February 23, 2023, 2:00 PM – 4:00 PM

Pursuant to Assembly Bill 361, the BACT Scientific Review Committee meeting will be held at 2:00 p.m. on Thursday, February 23, 2023, through a hybrid format of in-person attendance in Room CC8 at the South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, and/or virtual attendance via videoconferencing and by telephone. Please follow the instructions below to join the meeting remotely.

Given health and safety concerns, seating may be limited, and the meeting format may be changed to full remote via webcast. Please refer to South Coast AQMD's website for information regarding the format of the meeting, updates if the meeting is changed to a full remote via webcast format, and details on how to participate:

<http://www.aqmd.gov/home/permits/bact/public-notices-docket>

**Face coverings: In accordance with state and local public health department guidelines, wearing a mask is based on personal preference for people attending the meetings at South Coast AQMD Headquarters.**

### ELECTRONIC PARTICIPATION INFORMATION

(Instructions provided at bottom of the agenda)

Join Zoom Webinar Meeting - from PC or Laptop

<https://scaqmd.zoom.us/j/94053989814>

**Zoom Webinar ID:** 940 5398 9814 (applies to all)

**Teleconference Dial In:** +1 669 900 6833

**One tap mobile:** +16699006833, 94053989814#

Audience will be allowed to provide public comment in person or through Zoom connection or telephone during public comment periods. If you wish to speak, raise your hand on Zoom or press \*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](mailto:bfarahani@aqmd.gov).**

### AGENDA

2:00 PM	<b>Welcome &amp; Introductions</b>	<b>Jason Aspell Bhaskar Chandan</b>
2:10 PM	<b>1. Proposed New/Updates to Part B, Major Polluting Facilities</b>	<b>Bahareh Farahani</b>
	◆ Section I - South Coast AQMD LAER/BACT Determinations ⇒ Fugitive Emission Sources at Petroleum Refineries <i>VOC leak standard: 200 ppm</i>	

- ⇒ Heater, Natural Draft Operation, 12.5 MMBTU/HR  
*NOx limit: 7 ppm @ 3%O<sub>2</sub>*  
*CO limit: 100 ppm @ 3%O<sub>2</sub>*
- ⇒ Linear Generator, Non-Emergency Electrical Generator, Natural Gas Fired  
*NOx limit: 2.5 ppm @ 3%O<sub>2</sub>*  
*CO limit: 12 ppm @ 3%O<sub>2</sub>*  
*VOC limit: 25 ppm @ 3%O<sub>2</sub>*
- ⇒ Sulfur Recovery Unit, Tail Gas Incinerator and Caustic Scrubber  
*NOx limit: 0.05 lb/MMBTU*  
*CO limit: 0.03 lb/MMBTU*  
*SO<sub>2</sub> limit: 12 ppm @ 0%O<sub>2</sub>*
- ⇒ Tanker Truck Loading Racks  
*VOC limit: 0.02 lbs/1000 gallons*

◆ Section II - Other LAER/BACT Determinations

**Bettina Burleigh Sanchez**

- ⇒ Boiler, Natural Gas or Propane Fired >20 MMBTU/HR; SJVAPCD  
*NOx limit: 2.5 ppm @ 3%O<sub>2</sub>*  
*CO limit: 50 ppm @ 3%O<sub>2</sub>*
- ⇒ Simple Cycle Gas Turbine, Natural Gas Fired; BAAQMD  
*CO limit: 2.0 ppm @ 15% O<sub>2</sub>*

- 3:00 PM    **2. Proposed New/Updates to Part D, Non-Major Polluting Facilities**    **Bahareh Farahani**
- ⇒ Cannabis Extraction/Processing (Butane/Propane Mixture)  
     ≥ 95% VOC recovery efficiency
  - ⇒ Crumb Rubber/Asphalt Oil Blending – Carbon Adsorber  
     ≥ 90% VOC control efficiency
- 3:15 PM    **Proposed amendments to Overview, Policy and Procedures**    **Bettina Burleigh Sanchez**
- ⇒ Update Maximum Cost Effectiveness values
- Part D - Updates for Consistency with Rules and Regulations**
- ⇒ Clarifications to Part D listings – more user friendly
  - ⇒ Update compliance with amended/adopted rules
- 3:25 PM    **3. BACT Technical Assessment for Biogas Flares**    **Bahareh Farahani**
- ◆ Continue to monitor new/existing organic and food waste digestion and co-digestion flare projects for ammonia NOx impacts
- 3:30 PM    **4. Emergency, Stationary IC Engine Testing Guidance**    **Bhaskar Chandan**
- ◆ Update on the status of the Testing Guidance
- 3:40 PM    **5. Discussion/Other items**    **Bhaskar Chandan**
- ◆ Other BACT/LAER Determinations/AB617 BACT Technology Clearinghouse
  - ◆ Next Steps – Second Scientific Review Committee Meeting with 30-day comment period
- 3:45 PM    **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 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 Bhaskar Chandan at (909) 396-3902 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to [bchandan@aqmd.gov](mailto:bchandan@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 [bfarahani@aqmd.gov](mailto:bfarahani@aqmd.gov).*

BACT SRC Agenda February 2023\_Hybrid Meeting.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.