# **South Coast Air Quality Management District**

## BEST AVAILABLE CONTROL TECHNOLOGY GUIDELINES

Scientific Review Committee Meeting Wednesday, May 24, 2017, 2:00pm – 4:00pm Conference Room GB

#### **Teleconference Locations**

San Diego County Air Pollution Control District 10124 Old Grove Road APCD Library San Diego, CA Contact: Steve Moore 858-586-2750 Bay Area Air Quality Management District 375 Beale St. Room CR-6103 (Alameda) San Francisco, CA Contact: Nicholas Maiden 415-749-4718

For security reasons, please provide at least a 24 hour advance notice.

Air Resources Board 1001 I Street Conference Rm. 720 Sacramento, CA Contact: Dave Mehl 916-323-1491

(Public may attend at these locations)
For instructions, contact Jason Aspell at jaspell@aqmd.gov.

## 2:00pm Welcome & Introductions

Al Baez

♦ Minutes of 4/4/17 Meeting

# 2:10pm **Proposed updates to Part B, Major Polluting Facilities**

Al Baez Jason Aspell

- New Section I Listings, SCAQMD LAER/BACT Determinations
  - ⇒ Furnace (Heat Treating Aluminum ≤900°F)
  - ⇒ Food Oven, Bakery w/ CatOx
  - ⇒ Food Oven, Tortilla Chip
  - ⇒ Food Oven, Snack Food
  - ⇒ Flare (Biogas)
  - ⇒ Flare (Landfill)
- ♦ Section I Updates, SCAQMD LAER/BACT Determinations
  - ⇒ Boilers
  - ⇒ I.C. Engine Digester Gas Fired
- New Section II Listing, Other LAER/BACT Determinations
  - ⇒ Printing (Graphic Arts) Flexographic (SJVAPCD)
    High End Printing of Labels, Tags & Forms
  - ⇒ Fiberglass Operations Application Hand and Spray Lay up (BAAQMD)
- ♦ New Section III Listing, Other Technologies (Pending LAER/BACT)
  - ⇒ I.C. Engine, Emergency, Compression Ignition with Particulate Filter Trap and SCR
  - ⇒ Fuel Cell, Electrical Power Generation, Digester Gas-Fired, with Gas Clean up system

## 2:45pm Proposed New/Updates to Part D, Non-Major Polluting Facilities

Al Baez Jason Aspell

#### **New Listings**

♦ Printing (Graphic Arts) – Flexographic

- $\Rightarrow$  or UV/EB or water-based inks/coatings  $\leq 180$  g/L.
- ♦ Printing (Graphic Arts) Screen Printing and Drying
  - ⇒ or use of Rule 1130.1 compliant UV/EB or water-based inks/coatings.
- ♦ Printing (Graphic Arts) Lithographic or Offset, Heatset
  - ⇒ Add-on control, venting to RTO, 99% overall eff. @ ≥1595°F
- ♦ Printing (Graphic Arts) Flexographic
  - $\Rightarrow$  Add-on control, venting to RTO, 95% control eff. @  $\geq$ 1500°F
- ♦ Food Oven
  - $\Rightarrow$  Ribbon burner, >500°F and  $\leq$ 500°F

⇒Direct Fired

⇒ Infrared

⇒Other

- ⇒ Bakery Oven with yeast leavened products ≥30 lb VOC/day venting to CatOx, 95% overall control @ ≥600°F inlet temp & ceramic pre-filter
- Updates for Consistency with Regulatory Changes
  - ⇒ I.C. Engine, Stat, Non-Emergency, Electrical Generators (Rule 1110.2)
  - ⇒ I.C. Engine, Stationary, Non-Emergency, Non-Electrical Generators, Update footnote regarding applicability (Rule 1110.2)
  - ⇒ I.C. Engine, Portable (Tier 4 Final, 75≤HP<175)
  - ⇒ Dryer or Oven footnote of non-applicability to food oven

## 3:15pm Making BACT webpage "User Friendly"

Al Baez

Jason Aspell

- ♦ Equipment Category Search
- ♦ Other Technologies for Part B, D and F Listings
- ♦ Work in Progress BACT Policy Clarification/Update

#### 3:30pm **Discussion/Other items**

Al Baez

Jason Aspell

- ♦ Next Steps
- ♦ Comments/Responses
- ♦ Other BACT/LAER Determinations

## 3:45pm **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**

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 BACT Scientific Review Committee meeting. Any accommodations must be requested as soon as practicable. Requests will be accommodated to the extent feasible. Please contact Al 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 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.